

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

January, 1949

No. 1

ASSOCIATION ACTIVITIES

GREAT DANE SPEAKS

Nude bathing, dairy products, salt domes, and gravity surveys were among the topics discussed by Al Gregerson when he spoke on conditions in Denmark at the regular monthly luncheon of the Pacific Section at the Clark Hotel on December ninth.

Al, formerly with the Texas Company in Los Angeles, has been missed for several years by his many friends since he left for Denmark where he is vice-president and general manager of the Danish-American Prospecting Company, a Gulf subsidiary. His company has completed a gravity survey of the entire country on a one-mile grid pattern, drilled 40 core holes, and is now drilling its second deep prospect hole for oil. Salt dome accumulations are the chief objectives. His well-delivered spontaneous talk covered social, political, and economic aspects of life in Denmark as well as geological. His remarks on food rationing, still in effect there, struck home, as many members of his audience felt that the menu at the Clark that day was designed to (a) illustrate rationing and/or (b) make Al feel at home.

His talk was preceded by introduction of guests and new committee heads and some remarks by Roy Barnes, national vice-president, on the new form of preferential ballots and a proposed amendment to the national constitution regarding membership.

LOCAL MEETINGS

The Coast Geological Society meeting at Santa Barbara on December 13th was exceptionally well attended due to the large number of geologists who were in the vicinity to attend the "18 Company" marine seismic field trip the following day. The audience of about fifty included men from Bakersfield, San Ardo, Santa Maria, Ventura, Ojai, and about ten from Los Angeles. They heard papers by T. W. Clements, Bob Paschall, and Clark Edgecomb.

Bill Binkley (Superior) highlighted the regular monthly meeting of the San Joaquin Geological Society on December 15th at the El Tejon with an illustrated talk on the Dutch East Indies. He outlined the general geology of the area and then discussed field mapping and exploratory drilling techniques developed by the Shell Oil Company to meet the environmental problems of this particular region. Dinner was preceded by refreshments in the customary Bakersfield manner.

The Santa Maria Basin was the general topic of the Pacific Section Geological Forum which met in the Edison Building auditorium on December 20th in Los Angeles. Ross Cabeen, who plays the title role in the consulting firm of Wm. Ross Cabeen and Associates, led off with a profusely illustrated talk outlining the geology of several of the basin fields and some of the intervening area. The stratigraphy of the region was very systematically described by Aden Hughes, paleontologist for the Union Oil Company at Santa Maria. He also summarized briefly a hitherto unreported section of Lower Miocene strata outcropping in the Cuyama

River a mile north of Fugler Point. Engineering problems in the area were discussed by Al Hilton, petroleum engineer for Union. He stated that the two chief problems were the difficulty of electric log interpretation in fractured chert reservoirs and the difficulty of producing oil of extremely low gravity and high viscosity. Coring, formation testing, and bottom plugging are also troublesome, he said. Don Davis was chairman of the meeting.

The Northern California A.A.P.G. luncheon group ushered in the New Year with the usual Monday gathering on January 3rd which was enlivened by the return of Parker Trask and Bill Barbat who had acted as scouts at the Rose Bowl. Their report injected new zest into the already strenuous analysis of the situation which was in progress on their arrival.

This meeting, although attended by eleven members, was characterized by certain notable absences, among them being Messrs. Clark Gester, Al Solari, Willard Classen, and Graham Moody. An unsuccessful attempt was made to determine to what extent these absences were occasioned by the "aftermath factor" so all were tentatively attributed to the pressure of professional duties.

DISTINGUISHED LECTURE

"Continents in the Age of Mammals" is the title of the illustrated talk to be delivered to the four Pacific Section local Societies in January by Dr. George G. Simpson, A.A.P.G. distinguished lecturer.

Dr. Simpson is Associate Curator of Vertebrate Paleontology at the American Museum of Natural History in New York City. He has been associated with the museum since 1926 and has led numerous expeditions in both North and South America. He is considered an outstanding American authority on fossil mammals. His talk will deal with intercontinental connections, continental drift, and shifts of climate and their effect on physical characteristics and locations of land animals.

The lecture will be given at 8 P.M., January 10, in Room 155, Arms Laboratory, California Institute of Technology; at 8 P.M., January 11, at Santa Barbara; on January 13 at the El Tejon in Bakersfield; and at 8 P.M., January 14, in a lecture hall at Stanford University for the Northern California Geological Society.

For the Los Angeles area this talk will displace both the regular monthly luncheon and the geological forum for January.

January 14th at 8 P.M. Memorial Hall on the Stanford Campus the Northern California section, A.A.P.G. will sponsor an address by Dr. George G. Simpson, Vertebrate Paleontologist with the National Museum, and A.A.P.G. distinguished lecturer. Dr. Simpson's topic will be "Continents in the Age of Mammals".

MATJASIC TO HEAD FALL MEETING

Wallace Matjasic, Los Angeles district geologist for Honolulu Oil Company, has been appointed General Arrangements Chairman of the Pacific Section Annual Fall Technical Session.

EXECUTIVE COMMITTEE, PACIFIC SECTION
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PACIFIC PETROLEUM GEOLOGIST

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Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next Deadline: February 8, 1949.

(Fall meeting continued)

Already the time and place has been set as Thursday and Friday, November 17 and 18, at the Ambassador Hotel. The meeting will coincide with annual meetings of the Pacific Coast Section of the Society of Exploration Geophysicists and the Pacific Section of the Society of Economic Paleontologists and Mineralogists. Informal sources have stated that whereas the Huntington Hotel in Pasadena has been very satisfactory in nearly every way, its physical accommodations are not adequate, and for that reason the meeting was scheduled for the Ambassador.

STEVENS SAND PAPER

The research committee has selected Herschel Driver (Standard) as author of a paper entitled, "Stevens Sand, San Joaquin Valley, California," to be given at the St. Louis meeting in March as the Pacific Section contribution to the Research Symposium, "Control of Petroleum Accumulation by Sedimentary Facies."

Driver is revamping the paper of the same title given by Rollin Eckis at the Pacific Section Annual Meeting in 1940, but never published. Before final completion the manuscript will be submitted to several Stevens Sand experts for criticism. Driver, chairman of the Research Committee, states that the paper is a Pacific Section endeavor and still in the formative stages. It is still possible that if some disparity of opinion should develop the project might be scrapped and a new subject and author selected as the Pacific Section contribution to the Research Symposium.

34th ANNUAL MEETING

President Cliff Johnson has announced that after long painstaking deliberation by the executive committee Homer Steiny (Tidewater Associated) was appointed transportation chairman for the Pacific Section in its trek to the 34th Annual Meeting of the A.A.P.G. on March 14-17 at St. Louis.

Steiny told newsmen in a recent interview that he expects to have sixty local geologists, including wives, to handle. His plans, though still in the tentative stage, call for three high

class through cars on an extra-fare train, leaving Los Angeles at noon Friday, the 11th, and arrive St. Louis Sunday, the 13th of March. Steiny would like to hear as soon as possible from all those who plan to travel in this manner so that he can make definite plans.

The St. Louis meeting will be a joint affair in conjunction with the S.E.P.M. and the S.E.G.

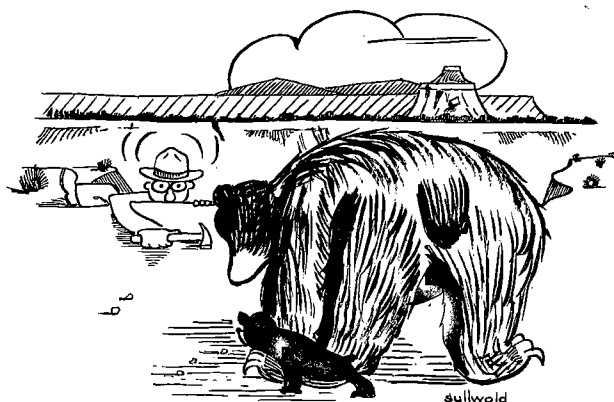
ARTHUR R. MAY

One of California's well known geologists, Art May, passed away at the Jonathan Club in Los Angeles on December 9th of a heart attack. He was chief geologist of the Superior Oil Co. from 1939 until the time of his death. Born in Nipomo, California, in February 1893, he attended high school in Santa Maria and graduated from the School of Mines at the University of California at Berkeley in 1917. Following some graduate work and a short time in the Navy, he joined the Shell Oil Co. in 1919. After working 2 years for Shell in Peru and Ecuador and a couple of years of varied experience elsewhere, he became district geologist in 1924 in San Joaquin Valley in Bakersfield, where he was stationed until 1936. While in Bakersfield he took an important part in the discovery of the Mount Poso, Round Mountain and Ten Sections fields. During this period he spent considerable time in the early studies of foraminifera, some of which bear his name. Also under his guidance during this period quite a number of geologists were given their start in the oil business, and owe him their deep gratitude for a good foundation in the profession. He became an enthusiastic football fan for California and always had a good knowledge of their chances for the season. Always an intense student of profession, Art had a broad knowledge of the geology of the state as well as other parts of the world. It is, therefore, with considerable regret that we record the passing of a geologist who played such an active part in the development of the profession.

LEVORSEN HONORED

The American Geological Institute representing eleven national geological and affiliated scientific societies, elected A. I. Levorsen, dean of the School of Mineral Sciences at Stanford University, as president. W. B. Heroy, consulting geologist and geophysicist of Dallas, Texas, was elected vice president, and Earl Ingerson, of the U.S.G.S. Washington, D. C., is secretary-treasurer. The first meeting was held at Washington on November 15-16. Headquarters will be established at National Academy of Sciences in Washington, D. C.

The objectives of the Institute, which has been the subject of some discussion, has been outlined as follows "to initiate immediate action aimed at speeding the discovery of additional reserves of scarce minerals, the detailed geologic mapping of the United States, greater recognition and use of geologists and the geologic sciences in governmental agencies and the armed services, the training of more geologists in colleges and universities to overcome the present critical geologic manpower shortage within the mineral industries, the improvement of educational standards in the geologic sciences, more effective dissemination of geologic research information, and greater public understanding and appreciation of the role of geology in modern civilization."



PERSONAL ITEMS

Dr. Guy Edwards, manager of exploration for Shell Oil Co., Inc. is retiring after nearly 25 years with the company. A testimonial dinner in his honor was held at the University Club, December 28th. The roll call included friends from almost every company and needless to say, a good time was had by all.

Leo R Newfarmer, formerly exploration manager in the Houston area, will succeed Dr. Edwards. He is a 1933 graduate of the University of California and began his career with Shell in 1936 at San Antonio, Texas.

Guy Miller, now in charge of basin geology at Long Beach will be moved to the Los Angeles Office.

Bill Hawk, recently transferred to Houston, was in town over the holidays on vacation. It seems that he lives just across the street from Loring Snedden.

Did you know that Irv Frazier, of the Texas Company, has the exclusive rights to the use of the name "Rancho San Marino"? He copyrighted it several years ago.

Walt Heathman is being transferred to Canada as Manager of Operations for the Union Oil Company.

Pat Kelley is in town again. He says that the Rocky Mountains are a geologists' paradise.

Bill Moran is headed back toward Paraguay via New York and Miami. Bill states that it is wonderful to be the first person to map an area like that -- no arguments!

Richard (Dick) Faggioli is planning to work for the Humble Oil & Refining Company as soon as he completes his stay at U.C.L.A. in February.

Jack Isberg, District Geologist for the Superior Oil Company in Bakersfield, will replace Art May here in Los Angeles. Jack is also the proud papa of a baby girl. Seems like his worries are just beginning.

Joe Maxwell has been transferred to Bakersfield from the Union Oil Company Land Department, in Los Angeles. (P.S. He needs a house!)

Russ Simonson of the Ohio Oil Company is now a bonafide home-owner. He's been a-building for many months. They moved in November 1, address: 1605 Glorietta, Glendale. Door's open!

J. E. ("Red") Lewis has returned from Brazil and is now the vice-president of the Drilling & Production Company.

John A. McDonald came back from the Gran Chaco, Paraguay, after spending two years there with the Western Geophysical Company. It's just a vacation.

Stan Kriz has been exploring local glacial action in and near Sun Valley. He states that more research is necessary.

Quentin Query is now in the Union Oil Company office at Santa Paula, having been transferred from Washington.

Bill Merrill is now playing second fiddle to Wm. Raymond Merrill, Jr., Born Dec. 12.

Jim Higgins of the L.A. office and L. A. Tarbert of the San Francisco office will populate a new Standard Oil Company headquarters in Paso Robles.

George Cunningham, Richfield Scout in Bakersfield, is returning to Midland, Texas. George just couldn't stay away from that good country where a man can dabble in royalties.

Tommy Bowles, former Californian, is now assistant to the Chief Geologist in Findlay, Ohio. Tommy spent some time in Louisiana and Texas before this move.

Gerry Harris, now in Saudi Arabia, recently became the father of another girl. Too bad -- in that country girls don't count!

George Quick of the Union Oil Co. Rocky Mountain Division, vacationed in California for Christmas and New Year's. He's another Rocky Mountain booster.

Hunter Yarborough, formerly of the Met -- Houston branch, recently gave a command performance for the Hollywood gendarmes, singing his complete repertoire of Christmas carols.

Bill Corey of the Continental Oil Company is being transferred to the Ventura area.

Ted Bear did get his two front teeth for Christmas!

Reg Stoner and George Cunningham journeyed to the "warmer" climes of the southland in time to see the Rose Bowl tilt.

"Pete" Hall, of the Richfield in Ventura, is sporting an English Austin. Just the thing for a "gentleman" farmer! It's also easy to hide under a bush when scouting.

J. Q. (for Quagmire) Anderson is home again having left his appendix in Mexico City - he says. Could it be a "Puñal" wound?

Speaking of Mexico, Dick (Newhall) Sherman took some time off and spent it with our southern neighbors.

Eddie Simpson, now consulting in Casper, Wyoming, was in town visiting his many friends. Rumor has it that he is doing very well.

Exerpts from the DIARY of A. J. SOLARI, as revealed on a recently discovered micro-film:

"Dear Diary - December 31st.

These Texas gals is really sump'in
They got my ancient frame a-jumpin'

"Dear Diary - January 1st.

These Longhorn babes sure know their stuff
But pore old Al ain't up to snuff"

BIBLIOGRAPHY OF RECENT PUBLICATIONS

** Pacific Coast Geology
* Other Articles of Special Interest

SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

A.A.P.G. Bull. Vol. 32, No. 12, December, 1948

** "Geology and Exploration for Oil in Salinas Valley, California" by J. E. Kilkenny, pp. 2254-2268.

"Role of Active-Surface Catalysts in Formation of Petroleum" by Benjamin T. Brooks, pp. 2269-2286.

"Possible Ancient Submarine Canyons in Southwestern Louisiana" by Max Bornhauser, pp. 2287-2289.

* "Template for Spacing Structure Contours" by John C. Crowell, pp. 2290-2293.

Trans. Amer. Geophys. Union Vol. 29, No. 5, October, 1948

"Movement of Beach Sands by Water Waves" by Hans Albert Einstein, pp. 653-655.

Jour. Geol. Vol. 56, No. 6, November, 1948

"Black Hills Terrace Gravels; A Study in Sediment Transport" by William J. Plumley, pp. 526-578.

Calif. Dept. Nat. Res. Div. Mines Bull. 141, 1948

** "Geologic Guidebook; The Mother Lode Country".

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

Petroleum World, January, 1949

** "Engineering Problems of Santa Rosa Island", pp. 15-17.

"Does the Tidelands Dispute Affect the San Joaquin Valley?" by Rush M. Blodget, pp. 18-20.

The Petroleum Engineer, December, 1948

"Above Ground Detonations Used in Seismic Exploration", pp. 52-53.

"What Leduc Means to Canada" by H. G. Cochrane, p.p. 128-138.

"Plastic Tubes Preserve Core Information" by Wallace Sawdon, pp. 139-140.

World Oil, Vol. 128, No. 8, December, 1948

"Sidewall Sampling Tools and Techniques" (Last of Two Parts) by J.E. Kastrop, pp. 76-82.

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RETURN POSTAGE GUARANTEED

Vol. 3, No. 1

"Mechanics of Drill-Stem Testing" (First of Two Parts) by Roy E. Edwards, pp. 83-95.

"Deep Oil Possibilities in Illinois" by L. E. Workman and Alfred H. Bell, pp. 128-136.

"Search for Oil in Ontario" by Zoe Pauline Trotter, pp. 227-231.

CALENDAR

January 10, 1949, Monday, 7:00 p.m., A.P.I., Coastal Chapter, Ventura.

January 10, 1949, Monday, 7:30 p.m., A.I.M.E., Metals Group, Ethyl Auditorium, Los Angeles, High Speed Photography.

January 10, 1949, Monday, 8:00 p.m., A.A.P.G., Pacific Section, Room 155 Arms Laboratory, Calif. Inst. of Tech., Pasadena. Distinguished Lecturer Dr. George G. Simpson, "Continents in the Age of Mammals."

January 11, 1949, Tuesday, 6:30 p.m., A.A.P.G., Pacific Section, Eaton's Restaurant, Santa Barbara, Distinguished Lecture Series.

January 11, 1949, Tuesday, 7:30 p.m., A.I.M.E., Indust. Minerals Group. "California Natural Resources" and "Man Against Rock". (Movies). Arms Laboratory Bldg., Calif. Inst. of Tech., Pasadena.

January 13, 1949, Thursday, 7:00 p.m., A.A.P.G., San Joaquin Valley Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting, Distinguished Lecture Series.

January 13, 1949, Thursday, 7:00 p.m., A.I.M.E., Jr. Petroleum Group. Panel on Reservoir Engineering, Rio Hondo Country Club, Downey.

January 14, 1949, Friday, A.A.P.G., Northern Chapter, San Francisco Area, Distinguished Lecture Series.

January 18, 1949, Tuesday, A.P.I., San Joaquin Valley Chapter, no details received.

January 19, 1949, Wednesday, 7:30 p.m., A.P.I., Coalinga-Kettleman Chapter, Polvadero Country Club.

January 24, 1949, Monday, 7:00 p.m., Petroleum Technology Group, Ethyl Auditorium, Los Angeles.

February 10, 1949, Thursday, 6:30 p.m., A.I.M.E., Jr. Petroleum Group, Rio Hondo Country Club, Downey.

February 11, 1949, Friday, 8:00 p.m., A.I.M.E., Metals Group, Physics Bldg., U.C.L.A.

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

February, 1949

No. 2

ASSOCIATION ACTIVITIES

DISTRICT REPRESENTATIVE BALLOT

Nominees have been placed on the ballot for four Pacific Coast district representatives to succeed Gordon Bell, Bill Kew, and Lowell Saunders, whose terms expire at the termination of the St. Louis meeting in March, plus one new representative allocated to the Pacific Coast on the basis of increased member population.

The nominees are Aden Hughes (Union) and Bob Williams (Honolulu) in the Coastal area, Pat Patterson (Shell) and Herman Weddle (Standard) in the San Joaquin Valley area, and Pete Gardett (General Petroleum), Emmy Matter (British American), Manley Natland (Richfield) and Fred Vandenberg (Kern Oil) in the Los Angeles area. Although one representative is to be elected at this time from the coastal area, one from San Joaquin Valley, and two from Los Angeles, the entire Pacific Coast membership will vote on all four offices. Claude Leach and Harry Godde were also nominated for the Los Angeles area but their nominations were withdrawn at their own request.

District representatives are elected from geographical districts on the basis of one representative for each 75 members in that district. It is their duty to represent their districts at national meetings and to screen applicants for membership from their own districts. They represent geographical districts only, and have no official connection with local affiliated societies, which may be in their districts. Their term of office is for two years. Frank Carter, Tom Fitzgerald, and Al Solari hold office until the end of the 1950 national meeting. The seven representatives from the Pacific Coast district are also sub-divided on the basis of local abundance of members as follows: Three from Los Angeles area, two from San Joaquin Valley, one from Coastal area, and one from the Bay Area.

Postal ballots have been mailed to the Pacific Coast membership, and if you have not already voted, you are urged to do so as soon as possible.

FORUM PROGRAM ANNOUNCED

An unusually attractive program is announced for the next Geological forum by Bob Orwig, chairman for February. The meeting, slated for 7 P.M. February 21, at the Edison Building, will be held in conjunction with the S.E.P.M.

Manley Natland, chief paleontologist for Richfield, will represent the S.E.P.M. with a talk lengthily entitled, "Probable Depositional Environment of Southern California Tertiary Sediments as suggested by their Fauna." Pete Gardett, General Petroleum geologist, will then awe the audience with colored slides of the Wind River Basin, Wyoming. The final delivery will be "Facies Problems in Late Tertiary Continental Environments" by Dr. D. I. Axelrod, assistant Professor of Geology at U.C.L.A. Dr. Axelrod's specialty is paleobotany.

CONTINENTAL DRIFT DENOUNCED

Dr. George G. Simpson, Associate Curator of Vertebrate Paleontology at the American Museum of Natural History at New York and A.A.P.G. distinguished lecturer of the month, addressed all four local societies of the Pacific Section between January 10 and 14.

His lecture was profusely illustrated with graphs, curves, photographs, and cartoons, designed to demonstrate the presence or absence of inter-continental connections based on mammal migrations. Fossil mammal evidence does not substantiate the theory of continental drift, he implied. His summary diagram showed connections or "highways" suitable for mammal migrations between Asia and North America, Africa and Australia, and between North America and South America, but no direct connection between North America and Europe or between South America and Africa or between Australia and Africa or South America. Thus the popular theory of previous juxtaposition of South America and Africa is not supported by mammal evidence.

ENGLAND AND EUROPE SHOWN IN COLOR

Bill Kew, chief geologist of Standard, was the chief attraction at the regular monthly luncheon meeting of the Pacific Section on February 3 at the Clark Hotel. His contribution was a series of beautiful colored slides taken in London and on several field trips in England and Wales during the International Geological Congress last summer as well as an equally beautiful and instructive series taken in Southern France. The most beautiful of all, in the opinion of most of the audience, was a well-exposed anticline about the size of Rangely which had not been tested. Two attempts to drill this structure have lost the hole before reaching the objective, he said. After the adjournment of the meeting to allow Joe Janson to go back to work, Dr. Kew continued his showing with lovely views in the Swiss Alps and in Denmark. Nappe thrust faults were clearly shown in his views near the Matterhorn. When the lights came on there was Mr. Janson, ample testimony for the quality of Dr. Kew's slides, and for Kew, too.

Other business at the meeting included an announcement by Homer Steiny that the travelling bar to the St. Louis meeting will depart from Los Angeles at noon or 6 P.M., Friday, March 11. Final details are not yet formulated, but all those planning to make the trip are urged to keep in touch with Homer.

Following a unanimous favorable vote, H. J. Buddenhagen announced that the next distinguished lecturer will be Dr. Walter H. Bucher, professor of geology at Columbia University. Dr. Bucher's subject will be "Faults and Fault Patterns." He will appear here in the latter part of March or early April.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
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Next Deadline: March 8, 1949

COMMITTEE NOTES

President Cliff Johnson has announced the appointment of Loyde Matzner, geologist for Signal Oil, as technical program chairman for the Pacific Section Fall Meeting.

Herschel Driver, chairman of the Research Committee, announces that the draft of the Stevens Sand paper is completed and the slides are in preparation. This committee project will be presented at the St. Louis meeting as a Pacific Section contribution to the Research Symposium, "Control of Petroleum Accumulation by Sedimentary Facies." John T. Rouse, of Magnolia in Dallas, chairman of the National Research Committee, recently met with the local committeemen to discuss their project.

OTHER MEETINGS OF INTEREST

The 168th annual meeting of the A.I.M.E. will be held in San Francisco on February 13-17, the first time the affair has ever been held on the Pacific Coast. There will be over 60 technical sessions during the 5 day convention. The Petroleum Division will have four technical sessions (on the 14th, 15th, and 16th) at the Mark Hopkins and a dinner meeting on the 15th. Reese Taylor, president of Union Oil Co., will deliver the principal address at the dinner meeting. The Fairmount Hotel is headquarters for the convention.

The Geological Society of America, Cordilleran Section, celebrates its semi-Centennial in its annual meeting at the Claremont Hotel, Berkeley, on April 14, 15 and 16. The Paleontological Society and the Seismological Society of America will meet simultaneously. Invitation to attend is extended to the Pacific Section by Charles M. Gilbert, Secretary of the Cordilleran Section. The program has not yet been announced. Details regarding accommodations can be had from any member of the G.S.A. or from Cliff Johnson.

DR. BEN H. PARKER'S VISIT

Dr. Ben H. Parker, President of the Colorado School of Mines, will make a brief visit to Southern California after attending the A.I.M.E. Meeting in San Francisco. He will arrive in Los Angeles on February 18th and will that night be the guest of honor at a dinner to be given by the Southern California Section of the Colorado School of Mines Alumni. It is expected that Dr. Parker will be taken on a short tour of the Southland while a guest here.

ELWIN B. HALL

With the death on December 20th of Elwin B. Hall, the Southern California oil industry lost one of its leading figures.

For the past twelve years "EB" had been engaged in operating the Union Pacific Railroad Company's property in the Wilmington Field. He graduated from Stanford University as a geologist in 1914. He was a member of Beta Theta Pi Fraternity and played both rugby and American football at Stanford.

Following a short engagement in mining exploration he joined the Geological Department of the Associated Oil Company where he remained until 1922. He then went to the Rocky Mountain region and engaged in successful exploratory work in Montana and Wyoming as an independent geologist. In 1927 he returned to California and with V.P. Baker, organized Hall-Baker Company which engaged in leasing and petroleum exploration. In 1937 this organization assumed the task of exploiting Union Pacific's properties in the Wilmington Field. In 1942 a new organization, E.B. Hall and Co. was formed, with Hall as President.

With his excellent knowledge of all phases of the oil business, his great energy, and sound judgment he will be greatly missed in a professional way. However, the greatest sense of loss will be felt by his many friends whose respect and affection for "EB" was based on his integrity and his human qualities.

PERSONAL ITEMS

Ross Phillips, of the British American Phillips', recently married Wilma Wimp in Nogales, Arizona.

Tom L. Macleod, Jr., recent UCLA grad, is now employed by the Wilshire Oil Company in Santa Paula and will work with Leo Moir.

Bill Green, formerly with the Pacific Western Oil Corp., is now with the British American Oil Producing Co. in Los Angeles.

R. L. Hewitt has opened an office in Santa Maria and will handle the exploration work in this area for the Western Gulf Oil Co.

Bob Sitzman had to take the hose to part of his garage the other day when things became a little too hot. Not much of a fire though!

Bob Williams, district geologist of the Honolulu Oil Corp. in Santa Barbara, has resigned to enter private practice and is now affiliated with the firm of Penfield & Smith in the same city. This firm will specialize in both oil and water geology.

Elmo Adams, chief geologist of the Honolulu Oil Corp., has resigned to enter private practice. He will do much of his work in the Rocky Mountain area.

Herb McMasters, formerly district geologist for the Honolulu Oil Corp. in Bakersfield, is now the chief geologist. Paul McGovney is returning from Canada to replace Herb as district geologist.

Max Krueger was in town a few days ago saying "hello" to his many friends in California. Max is now manager of the Rocky Mountain Division of the Union Oil Company, with headquarters in Laramie, Wyoming. He is a real Rocky Mountaineer and has a ranch, automobile agency and a hardware store.

Ed Lammers is being loaned to the California Company to do some special work in the Rocky Mountain area.

Hal Hanson is now employed by the Western Gulf Oil Corp. in Bakersfield. He was formerly with the Humble Oil & Refining Co. in West Texas, but is returning to the West Coast having been here before long enough to graduate from the University of Washington in 1941.

Paul Dudley, district geologist for the Southern Division of the Richfield Oil Corp., has resigned to enter consulting work.

Jack ("Bet-a-million") Harding is now the proud papa of a new son. Since he already had two daughters, Jack was betting that the third would also be a girl so, if it were a boy, he would "almost" enjoy paying off!

Ot Kotick, now with the War Department as Colonel Kotick, paid us a visit last month. Ot is now concerning himself with oil reserves and how the army and navy requirements can be met.

Ralph Arnold recently returned from New York, where he journeyed to see his first grandson, Eric Arnold Noyes. Incidentally, on the return trip, he visited prospective oil structures in Utah and Texas.

Karl Arleth is now a grandfather. How time flies!

Bob Miller announces that he has moved the offices of the Miller Geophysical Company to 1385 Westwood Blvd., Los Angeles 24.

Gerald Rickels is now employed by the Union Oil Company. He recently graduated from the University of California.

Dick Faggioli has returned from Houston where he and his wife were entertained for several days at the Humble Oil & Refining Co. offices. He and his wife drove back in a new company car.

Just to straighten things out for some of us, William Ross Cabeen & Associates are not the California Exploration Co. The latter is, however, one of their clients.

Hans Ashauer is having his problems in training a new field geologist in the Salinas area. It's a "she" and the natives don't understand.

The Northern Division of the Pacific Coast Society of Exploration Geophysicists wishes to announce a regular Friday luncheon meeting at the El Tejon Hotel in Bakersfield. Geologists are welcome.

J. A. McDonald is now associated with Olson's Scouting Service after spending several years in foreign exploration. He is well known to many of the Los Angeles geologists.

Seen at the AAPG luncheon the other day were Wendell Woodring (USGS), Les Clark (down from Canada), Bill Barbat (just visiting), and Chester Stock (paying dues.)

Norman M. Nichols, Colorado School of Mines graduate, is now with Honolulu doing seismic computing in Bob Galeski's office.

Liz Watson has disappeared but, when last seen, she was headed for Sun Valley for two weeks of skiing.

Those lucky "conventioners" will ride the Santa Fe Super Chief this year. Homer Steiny says that a big group is expected. Be sure to let him know about any plans you may have.

Ike Holston has decided the California snow is superior to the Utah variety where it was cold and eight feet deep.

Barney Barnard, formerly with the Conservation Committee in Bakersfield, is now the district scout for the Richfield Oil Corp. In 61-

Dan Klemme, formerly with Standard Oil Company, is now with Hancock Oil Company in Long Beach.

Dean Sheldon is now the proud papa of Stuart Sheldon, born last month.

Dr. E. F. Davis, formerly Vice President in charge of Shell Oil Company exploration, now has a consulting office at 1203 Hollingsworth Bldg., 606 S. Hill St., phone TUCKER 1729.

Tom Etherington, long the sage of Seattle, is enjoying the relative quiet and unusual cold weather of the San Francisco bay region, only another month or so and he hopes to take off those red flannels.

The Northern California contingent responded enthusiastically to Dr. George Simpson's lecture on the "CONTINENTS IN THE AGE OF MAMMALS", which he presented January 14, 1949, on the Stanford campus under the auspices of the A.A.P.G. DISTINGUISHED LECTURE SERIES.

In addition to the small but highly effective oil group in attendance some 600 students and faculty of the Berkeley and Palo Alto campuses augmented a very intent and responsive audience.

S. E. G. NEWS

The Los Angeles Basin members of Pacific Coast Section of the Society of Exploration Geophysicists held a luncheon meeting at the Hotel Clark on January 27. The informal meeting was presided over by C. H. Dix, vice president, Southern District. Also, at the chairman's table were the past president of the Pacific Coast Section, C. H. Johnson, and the present president, R. C. Dunlap, Jr.

Brought before the group for discussion was the subject of the symposium for the coming spring meeting in Bakersfield. Anyone with an idea was encouraged to speak, or to get in touch with Dr. Dix later. Also discussed were ways and means of having a traveling national speaker at this meeting.

PACIFIC SECTION DUES

About this time of year we all find ourselves snarled up in various tax forms, bills, dues, fees, and what have you, but it is nonetheless urgent that the Pacific Section dues be paid promptly.

Harold Rader, Secretary-Treasurer, informs us that barely half the members have paid up. When one realizes the many benefits to be obtained from membership in the Association, the fee seems very small indeed. It might also be mentioned that the News Letter gets its support from your dues, so if you like the personals by Don Davis, the cartoons of Harold Sullwold, the Bibliography assembled by Bob Orwig, the Calendar compiled by Jack Knight, and the various other items to be found in these pages, it is imperative to pay soon. The mailing list must soon be cut to those whose dues are paid. Send your check now to:

Harold Rader,
Standard Oil Co.,
605 West Olympic,
Los Angeles

BIBLIOGRAPHY
OF RECENT PUBLICATIONS

** Pacific Coast Geology
* Other Articles of Special Interest

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By William E. Humphrey, pp. 89-176.
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- World Oil, Vol. 128, No. 9, January, 1949.
"The Poulter Method of Geophysical Seismic Exploration"
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PACIFIC PETROLEUM GEOLOGIST
PACIFIC SECTION, A.A.P.G.
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LOS ANGELES, 13, CALIFORNIA.

RETURN POSTAGE GUARANTEED

Vol. 3, No. 2

CALENDAR

- February 18, 1949, Friday, 12:00 noon, A.I.M.E., Joint
Meeting with Los Angeles Chamber of Commerce.
- February 21, 1949, Monday, 7:00 p.m., A.A.P.G. and S.E.P.M.,
Pacific Section, Auditorium, Edison Bldg., Los Angeles,
Geological Forum.
- February 28, 1949, Monday, 7:00 p.m., A.I.M.E., Petroleum
Technology Group, Ethyl Auditorium, Los Angeles.
- March 3, 1949, Thursday, 12:00 noon, A.A.P.G., Pacific
Section, Clark Hotel, Los Angeles, Luncheon Meeting.
- March 14, 1949, Monday, 7:00 p.m., A.P.I., Coastal Chap-
ter, Ventura.
- March 15, 1949, Tuesday, 8:00 p.m., A.P.I., Los Angeles
Basin Chapter, Shell Recreation Hall, Signal Hill.
- March 16, 1949, Wednesday, 7:30 p.m., A.P.I., Coalinga-
Kettleman Chapter, Polvadero Country Club.

AAPG ELECTION RESULTS

Announcement has just been made of the election
of the following new national officers:

T. W. Tomlinson, President
T. A. Link, Vice-President
H. N. Toler, Secretary-Treasurer
A. H. Bell, Editor

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P. L. & R.

Fred R. Neumann
1237 Citrus
Chico
California

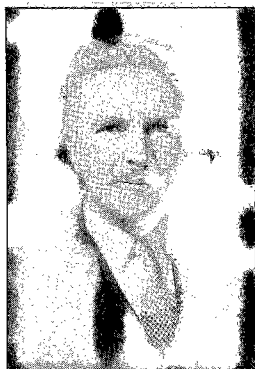
PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

March, 1949

No. 3



C. W. Tomlinson
National President-Elect



Roy M. Barnes
Retiring
National Vice-President



G. C. Gester
Honorary Member-Elect



Clifton W. Johnson
President of
Pacific Section

ASSOCIATION ACTIVITIES

ST. LOUIS, HERE WE COME!

Portending a golden age for geologists, the Pacific Section delegation to the joint annual meeting of A.A.P.G., S.E.P.M., and S.E.G. departs Friday, March 11, in greater numbers than any previous trek. Numbering over 80, the contingent leaves Union Depot at 8 P.M. on the Santa Fe Super Chief and travels in deluxe fashion to St. Louis, arriving Sunday noon, ladies in the gay caravan bedecked with orchids from the Rapid Blueprint Company. In addition several others are going via other means.

A huge gathering is expected as 3000 hotel rooms had been engaged two weeks before the convention. The program will include four days of technical sessions, business, committee, and social meetings, and dinner dance, followed by a two-day field trip.

The local party will be led by Roy Barnes, national vice-president, and Cliff Johnson, Pacific Section president. Other officials making the trek are John Kilkenny, Pacific Section vice-president, and district representative Bill Kew, Al Solari, Gordon Bell and Tom Fitzgerald. Pacific Section members on the program are Herschel Driver, who will present the Research Committee's paper on the Stevens sand and Lev Levorsen, who will speak about the status of the American Geological Institute.

DISTRICT REPRESENTATIVES ELECTED

Election results for the offices of Pacific Coast District representatives of the A.A.P.G. place the following four in office for a two year period: Pete Gardett (G.P.) and Manley Natland (Richfield) from the Los Angeles area, Aden Hughes (Union) from the Coastal Area, and Pat Patterson (Shell) from the San Joaquin Valley area.

Their term begins with the close of the current national meeting, while Gordon Bell, Bill Kew, and Lowell Saunders will end their term of office at the same time. Frank Carter, Al Solari, and Tom Fitzgerald remain in office for a second year.

DISTINGUISHED LECTURES

"Faults and Fault Patterns" will be the subject of the distinguished lecture series to be given soon to the four local groups of the Pacific

Section by Dr. Walter H. Bucher, professor of geology at Columbia University. Dr. Bucher is most popularly known for his book, "Deformation of the Earth's Crust," and holds, among numerous other honors, the chairmanship of the Section of Geology and Geography of the National Research Council, presidency of the American Geophysical Union and the Ohio Academy of Science, and vice-presidency of the American Association for the Advancement of Science.

His lecture will be delivered to the Los Angeles Group at 7:30 P.M., Thursday, March 31, in the Edison Building Auditorium, and Friday, April 1, he will speak at Santa Barbara. The San Joaquin Valley Group will hear him at a dinner meeting at the El Tejon in Bakersfield on Monday, April 4, at 7 P.M., after which he will appear at the Fairmount Hotel in Berkeley at a 7 P.M. dinner meeting on April 5.

Later in April, Dr. Horace D. Thomas, Wyoming State Geologist, will deliver a distinguished lecture in Los Angeles and Bakersfield only. His topic will be "Regional Stratigraphy and Structure of Wyoming." Further details will be announced later. Due to these lectures, the regular monthly luncheon scheduled for early in April will not be held.

COLORADO PLATEAU IN COLOR

A beautiful series of colored slides, supplemented by a structural and stratigraphic resume modestly catalogued by the speaker-photographer, H. J. Buddenhagen, as geological entertainment, turned out to be one of the outstanding presentations to the Los Angeles Group in recent years.

The talk, presented at the Los Angeles March 3 luncheon meeting, entitled "A Geologic Travelogue of the Colorado Plateau," was a complete illustrated description of the major lithologic, structural, and economic features of this vast province. Emphasis was placed on those items peculiarly characteristic of the Plateau country and different from California. Members of the audience, numbering over a hundred, later commented on the beautiful yet significant photography, the complete coverage of important features, and the omission of boring details.

Other features of the meeting included announcement of newly elected district representatives and an authoritative humorous account of the bacchanalian pleasures in store for travelers to the St. Louis meeting by Homer Steiny. Announcement was also made of a Branner Club dinner meeting at the Athenaeum at Cal Tech on March 11 when Professor Longwell of Yale University will speak on the Colorado River area.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

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John Kilkenny	Vice-President
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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1060, 417 South Hill Street, Los Angeles 13.

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Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next deadline April 5th.

FORUM NOTES

Two papers of fundamental theoretical nature and one of the geological entertainment type were offered at the combined S.E.P.M.-A.A.P.G. Forum February 21 at the Edison Building Auditorium in Los Angeles.

Manley Natland led off with a thought-provoking talk entitled "The Probable Depositional Environment of Southern California Tertiary Sediments." He first demonstrated that a study of living Foraminifera along the Pacific Coast has shown the importance of depth of water in foram ecology. Then tracing similar species back through the Tertiary in the southern Los Angeles Basin and in the Ventura Basin has estimated the depth of water under which all the strata were deposited. The results were shown in detail, but the general picture in both areas is of shallow water throughout the Lower and Middle Miocene, increase to 7000' depth in uppermost Miocene and Lower Pliocene, followed by gradual lessening of depth to Upper Pliocene. One of the anomalous side issues of the study was the presence of very deep water forams in, above, and below very coarse thick conglomerate beds.

Pete Gardett presented a series of excellent slides of the Wind River Basin and accompanied them with an account of the field trip last summer. Dr. D. I. Axelrod spoke on "Facies Problems in Late Tertiary Continental Environments." He described the floristic method and pointed out the difficulty of floral age determinations, except in the case of complete assemblages, due to the extreme ecological variations in continental environments.

Tom Baldwin (Jergins) Forum chairman for March has arranged a meeting on March 21 at 7:30 P.M. in Room 145 of the Hancock Foundation Building, 36th Street and University Avenue, on the U.S.C. campus. The speakers are all members of the U.S.C. faculty. Duncan McNaughton will speak on "The San Jacinto Fault System," K.O. Emery on "Highlights of the Seventh Pacific Science Congress, New Zealand," W. H. Easton will show kodachromes of Appalachian Features, and Dr. Thomas Clements will close the meeting with "Geology of the Eastern Portion of the Guyana River Gorge."

COMMITTEE NOTES

Cliff Johnson has stated that C.W. Tomlinson, national president of the A.A.P.G., will deliver a presidential address at the Pacific Section Fall meeting. Loyde Metzner, technical program chairman, has appointed Jack Beach assistant for the San Joaquin Valley. Their objective is to get



DEVELOPING A 'PLAY' ON THE ST. LOUIS SPECIAL

papers of a more or less fundamental nature and to minimize those which are merely descriptive of insignificant details (insignificant to all but those concerned, that is).

With the melting of the snows and blooming of early spring flowers, thoughts turn to beer (if you will pardon the expression) busts in Pico Canyon. Dick Triplett has been appointed general chairman of the Spring Picnic which will be held in May.

Having served wisely and well, Frank Carter is ending his tenure as chairman of the New Field Classification Committee. Cliff Johnson has appointed Johnny Kilkenny (C.G.M.O.) to this important and useful office.

PERSONAL ITEMS

Jack W. Oney, San Jose State 1948, has taken over the scouting duties for Honolulu Oil Corporation. Floyd Johnson, former scout, will devote his time to subsurface and geological work.

William A. Dewire has joined the Bak-ersfield staff of the Conservation Committee. He was associated with them for 11 years in the Los Angeles Basin.

Melvin J. Hill and wife were the proud parents of a 7 pound 8 ounce baby girls on March 2, 1949. The arrival was the day after their anniversary — good timing.

The Brad McMichaels — Standard Oil — are also celebrating the arrival of a bouncing offspring.

Stan Beck, consulting paleontologist, enjoyed several days of "lush living" in Ensenada, Mexico, recently.

Milt Whitaker had to leave "Little Siberia" (Casper, Wyoming) via private plane a few weeks ago during the big snow. After the plane was air-borne the pilot told them that he wasn't so sure that they were going to get off!!

For sale: J. C. Hazzard's "Pie Wagon". This 1946 Ford Sedan Delivery, with radio, heater, etc., is an ideal car for the young field geologist, since it already knows the best outcrops, wood-piles and beer parlors.

Don't forget to join the geologists' lunch table at Cook's Restaurant every Tuesday noon in Los Angeles.

Don Greenlee was transferred from Ventura to the Los Angeles offices of the Shell Oil Company several months ago — !

Layton Stanton of the Union Oil Company was in town for several days, long enough to dry out before returning to Olympia, Washington.

Horace Harrington is now the district geologist for the Superior Oil Company in Bakersfield.

Frank Ittner, Chief Seismologist of The Superior Oil Company of California, Pacific Division, has been named Manager of Exploration of that division. He will direct and coordinate all phases of exploratory activity.

Just recently learned that Stan Knouse, who has been in Casper, Wyoming, for several years now, has been a pretty sick boy. Hope all is well now.

E. K. Soper, consulting geologist in Los Angeles, recently returned from Europe where he has been for the past seven months on professional work.

George Fiester will soon join the geological staff of the Union Oil Company in Bakersfield after having worked in Santa Maria for the same company.

Pete Hall took some time off from plowing the "back forty" on his farm to welcome another son — the fourth.

Paul H. Dudley announces officially that his address is P.O. Box 7142, Long Beach 7, California. Phone 4-4853. He is doing consulting work now after resigning his position with the Richfield Oil Corporation last month.

Somebody said that Johnny Sansone recovered from a siege of mumps. Thus far none of his compatriots have suffered a similar fate.

H. A. Babione has been transferred from Texas to The Humble Oil & Refining offices in California.

Russ Burns is now in Canada for the Union Oil Company to work with Walt Heathman.

Cutler Webster is planning to join the staff of the Honolulu Oil Corporation in Santa Barbara in the near future.

Vic Schreiner has moved to Oklahoma to accept an attractive position as Land Scout with a major operator.

The Honolulu Oil Corporation and the Signal Oil and Gas Company are now great favorites of those lucky persons who were taken on a conducted tour of Santa Rosa Island a few weeks ago. The boys, seventeen in all, went by boat from Santa Barbara in the good ship "La Busca" and were stuffed with turkey, steak and strawberry shortcake. Needless to say, a good time was had by all, especially Russ Simonson and Bill Thomas who started lobster hunting at 3:00 A.M.

An old friend of the geological fraternity has recently been honored by election to the highest office his friends and neighbors can bestow. Horace "Mushrush" Pierce, now a distinguished squire of Strawberry Village, Marin County, has just been elected Assessor of the newly formed Strawberry Sanitation District. The close vote of 18 to 16 was all the more remarkable because of Horace's absence in Los Angeles on election day but no one (except possibly Horace) is inclined to contest the outcome of the balloting.

On a recent rainy night in Northern California a farmer tried to explain to A. J. Solari that the only available bed was to be occupied for the night by a single schoolteacher. When Al gave out with his well rehearsed speech about being a perfect gentleman the farmer was quite impressed. "Young man", he drawled, "I believe you are a perfect gentleman, but I'm not so sure about the schoolteacher; he never seems to date the local girls." — Note: Solari will carry a set of tire chains on his next trip.

Stan Siegfus, who reaches for a mashie instead of a pick on weekends, just recently won a six-week Calcutta tournament at the Oakmont Club, and if you mention it to him he is just as apt as not to buy you a dinner.

DIVOT DIGGERS, ATTENTION!

Tentative plans for the golf tournament call for a contest on the morning of the day of the Pico Canyon Spring Picnic. All golfers, expert and duffer alike, are urged to contact Stan Siegfus if interested so that definite plans can be formulated. In an alleged interview Siegfus stated that he will try to pick a course as flat as possible to make the subsurface geologists feel at home, but he says he can't help it—all the courses he has contacted have eighteen dry holes on them.

ANSWER TO FIELD GEOLOGIST'S PRAYER

Recent reports from Bakersfield indicate that field geologists may soon be riding in style! Last week an experimental joint venture carried out by Bakersfield Air Park and Richfield Oil Corporation showed the trend of the times. A Bell Helicopter, furnished by Elynor Rudnick, was used to transport eight geologists and their equipment in jig time over extremely rugged terrain in the Caliente Mountain area.

Geologists and helicopter were trucked from Bakersfield to the foot of the mountain. From this point the helicopter distributed the men individually along a traverse with 3,200 feet differential elevation that would provide only insecure footing for one of Bill Pemberton's condors. The helicopter pilot approached flat spots (on precipitous slopes) no larger than a king size boulder and field men were transferred from air to land with the greatest of ease.

It was estimated that the field job was accomplished with one-tenth the time personnel and expense needed during horse and buggy days. Ye editor was born about thirty years too soon!

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- ** Pacific Coast Geology
- * Other Articles of Special Interest

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- * "Measuring Geologic Time by the Strontium Method" By Louis Ahrens, pp. 217-266.

- * "Origin of the Asymmetrical Shape of the Earth's Surface and its Consequence Upon Vulcanism of the Earth and the Moon", By B. G. Escher, pp. 353-362.

- * "Post-Pleistocene Connection between James Bay and the Gulf of St. Lawrence", By A. LaRocque, pp. 363-380.

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- * "Reconnaissance of the Geology and Oil Possibilities at Baja California, Mexico", by C. H. Beal, 138 pp, 11 pls. price \$3.00.

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- * "Drilling for Oil in Turkey" by Cevat Eym Tasman, pp. 72-76.

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- * "Petroliferous Formations in Southeastern Ohio" by Orton C. Dumm Jr., pp. 131-142.
- * "Introduction to Induction Logging", by H. G. Doll, pp. 168-174.

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- * "Geological Significance of World's Deepest Well Bore", by Robert R. Wheeler and Louis Wallace, pp. 53-57.

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- * "Sedimentary Facies and Correlation" by L. W. LeRoy, pp. 33-36.
- * "Progress in Oil Shale Development and Research" by James Boyd, pp. 47-50.
- * "Oil Structure Discovery by Aerial Photograph" by Bernard M. Bench, pp. 101-108.

- * Principles of Petroleum Geology by Cecil G. Lalicker published by Appleton, Century and Crofts, 1949- 377 pages.

CALENDAR

- March 11, 1949, Friday, 6:30 P.M., Branner Club, Athenaeum, California Institute of Technology, Pasadena. Speaker: Professor Longwell, Yale University. Subject: "The Colorado River Problem".
- March 14, 1949, Monday, 7:00 P.M., A.P.I., Coastal Chapter, Ventura.
- March 14-17, 1949, A.A.P.G., S.E.P.M., and S.E.G., Annual Meeting, Jefferson Hotel, St. Louis.
- March 15, 1949, Tuesday, 8:00 P.M., A.P.I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill.
- March 16, 1949, Wednesday, 7:30 P.M., A.P.I., Coalinda-Kettleman Chapter, Polvadero Country Club.
- March 21, 1949, Monday, 7:30 P.M., A.A.P.G., Pacific Section, Geological Forum, Room 145, Hancock Foundation Bldg., U.S.C. Campus (corner 36th St. & University Ave.)
- March 23, 1949, Wednesday, 12:00 noon, A.I.M.E., Mining & Milling Group, Joint Meeting with Chamber of Commerce, Los Angeles.
- March 31, 1949, Thursday, 7:30 P.M., A.A.P.G., Auditorium, Edison Bldg., Los Angeles, Distinguished Lecture Series.
- April 1, 1949, Friday, 6:30 P.M., A.A.P.G., Coastal Chapter, Eaton's Restaurant, Santa Barbara, Distinguished Lecture Series, Dinner Meeting.
- April 4, 1949, Monday, 7:00 P.M., A.A.P.G., San Joaquin Valley Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting, Distinguished Lecture Series.
- April 11-15, 1949, A.I.M.E., Metals Group, Shrine Civic Auditorium, Los Angeles, Joint Meeting with A.S.M.
- April 14, 1949, Thursday, 7:00 P.M., A.I.M.E., Jr. Petroleum Group, Rio Hondo Country Club, Downey.
- April 14-16, 1949, G.S.A., Cordilleran Section, Claremont Hotel, Berkeley, Semi-Centennial Meeting.
- April 25, 1949, Monday, 7:00 P.M., Petroleum Technology Group, Ethyl Auditorium, Los Angeles.

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Vol. 3, No. 3

Dr. Bailey Willis

On March 19 at Palo Alto there passed from the earth he loved so well one of our greatest geologists, Dr. Bailey Willis. Although not far from being 92 years of age his remarkable physical condition and stamina coupled with his mental brilliance have been for many years past a matter of comment and wonder by all who knew him. Sickness he knew not and his peaceful passing from simple old age is all that we could have wished for him.

Dr. Willis was born at Idle-wild-on-the-Hudson, New York on May 31, 1857. His life work has been the discovery of new facts, teaching, writing, lecturing and endeavoring in all ways to add to human knowledge and improvement of mankind. He was an explorer at heart and but few places in the world have not enjoyed his presence. In his perambulations he has met and made lifelong friends of rulers, officials and scientists wherever he went.

His achievements alone place him among our greatest geologists. He has been chief geologist of the U.S.G.S., author of 36 books, author of the geologic map of North America, president of many societies and professor of geology at Stanford University where he became professor emeritus in 1922. Since then he maintained his home at Stanford. His scientific contributions have been greatest on structure, diastrophism and proper preparedness for earthquakes. In this latter field he collaborated with architects and civic groups in planning requirements for buildings and elimination of disasters.

Eulogies embracing much that is good in life can be written about this man. His character was such that all who came in contact with him were benefited and absorbed much from him. The great throng who have known him know only too well what a sound scientist he was, how charming was his personality, how interesting a conversationalist, how generous and agreeable he was as a companion, and how sympathetic and helpful he was to those seeking advice in their problems. Those who have been associated with him in geologic problems know how indefatigable he was to unearth the whole truth before forming a conclusion. And withal he was considerate and gracious with whom differences of opinion arose over theoretical matters. And only those who have been his companions amid the jungles of the tropics, the deserts of America, the forests of the northwest, the barrens of Asia, the Andes and Rockies, and the thornbush of Africa can testify how tough was his fiber in hardship and how fine and spiritual was his character at all times. In each and every thing he undertook he gave freely of his time and energy whole heartedly and with enthusiasm in the advancement of knowledge. All hail to Bailey Willis and may he have happy geology wherever his soul may be.

J. R. Pemberton

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

April, 1949

No. 4

ASSOCIATION ACTIVITIES

CONVENTIONEERS RETURN

Over eighty local delegates, official and otherwise, have returned from the mid-March St. Louis Convention brim full of memories of outstanding events, official and otherwise.

Highlights of the trip included bestowal of honorary membership upon Clark Gester, consulting geologist to Standard Oil Company of California, three snowfalls in St. Louis which totalled a fraction of an inch more than the recent Southern California blizzard (thank goodness), Walter English sleeping in the raw after his bag went to Chicago, and camera fans taking pictures of each other in the astra-domes on the Colorado Eagle.

Registration at the convention was over 3000. Total A.A.P.G. membership was announced as 6052, with several hundred applications in process. At the business meeting, a constitutional amendment was approved redefining qualifications for membership. This proposal will be put to a mail vote in the near future.

The research committee project paper, "Stevens Sand, San Joaquin Valley, California," was read by Herschel Driver at the Research Symposium, "Control of Petroleum Accumulation by Sedimentary Facies." Earl Noble was made chairman of the nominating committee for the coming year.

Members of the California contingent spent much time sight-seeing during and after the convention, out few, if any, went on the field trip. No casualties have been reported as yet, and the meeting was acclaimed as highly successful by those asked for opinion.

Announcement was made that the 1940 convention will be at the Hotel Stevens in Chicago.

TROY HOST TO FORUM

The University of Southern California played host to the Pacific Section Geological Forum on March 21, under the joint chairmanship of Marie Clark, Richfield Oil Company, and Tom Baldwin, Jergins Oil Company. Each of the four speakers is a faculty member at U.S.C.

Duncan McNaughton (former Olympic champion high jumper, by the way) led off with a very clearly illustrated talk on the San Jacinto Fault System. His use of right and left lateral terminology was a tribute to Mason Hill's persistence. K. O. Emery reported on the recent Seventh Pacific Science Congress in New Zealand. He gave a brief description of New Zealand Geology and showed some unusual slides of glaciers meeting the ferns. He stated that about a million barrels of oil had been produced from three or four wells.

W. H. Easton demonstrated various Appalachian features by means of Kodachrome slides, many of which depicted points of geologically historic interest. Thomas Clements discussed the eastern portion of the Cuyama River Gorge where his students are mapping. He prefaced his remarks with the statement that his area had no relation to Cuyama oil so members of the audience could settle back in their seats.

Jurassic, Cretaceous, and Tertiary rocks were mapped and studied, but fossils are very rare, he said, making correlations difficult.

DR. BUCHER DISCUSSES FAULTS

Some new angles in the study of faults were presented by Dr. Walter H. Bucher, professor of geology at Columbia University, in his recent distinguished lecture tour of California. His lecture consisted of presentation of seven basic principles of "Fault Patterns and Fault Movements," and then defense of these principles through illustrated clay experiments and geological maps and sections.

Thanks to Hank Neel, star reporter, we have Dr. Bucher's seven principles verbatim as given to Hank in Santa Barbara. They are:

1. "Plastic" (solid) flow and the formation of fractures go hand in hand.
2. "Intrinsic" fractures must be distinguished from "imposed" fractures. i.e. fractures imposed by local boundary conditions.
3. Intrinsic fractures can form only in three positions with reference to principal axes of strain at any given point in a body undergoing deformation.
 - (1) At right angles to the axis of maximum elongation.
 - (2) In two planes oblique to the axis of maximum elongation (55° - 65°).
 - (3) Parallel to the axis of maximum elongation.
 - (1) and (2) form when two of the three axes elongate.
 - (3) forms when two of the three axes represent shortening.
4. The preceding principle is independent of the nature, size, and bonding of the constituent mineral grains and the resulting viscosity and strength, the rate of application of the stress, and the linear scale.
5. Progressive deformation transforms some of the initial fractures into faults, either individually or by tying them together into what is often called loosely "Shear Zones."
6. The direction of the fault movement depends on the nature of the deformation of the rock body as a whole and not on the local initial strain that induced the fracture pattern.
7. Progressive deformation will deform the fault planes themselves.

His California sojourn was no doubt a pleasant and profitable one. Following his March 31 appearance in Los Angeles he was driven to Santa Barbara by Johnny Hazzard and Russ Simonson studying the Santa Susanna, San Cayetano, and Oak Ridge faults enroute. He spoke in Santa Barbara on April 1, and on the second was shown around the Hollister Ranch area by Joe Hollister. On the third Mason Hill took him aloft in the Richfield plane to demonstrate the San Andreas, Garlock and Big Pine faults the easy way. He spoke in Bakersfield on the fourth and Berkeley on the fifth after which he left for Chicago.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

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PACIFIC PETROLEUM GEOLOGIST

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San Francisco Representative:	Earl Dillon

Next Deadline: May 3, 1949

**PROPOSED CHANGES IN A. A. P. G.
MEMBERSHIP REQUIREMENTS**

It has been the opinion of recent executive committees that, as the A.A.P.G. is an association of petroleum geologists, a re-examination of membership be made specifically defining the requirements: for members with a geological education and experience - for those with a geological education and no experience - and for those with no geological education but with experience in and connected with geology. It was also thought that, in view of the impossibility of any executive committee, who make the final decision in admitting all members, knowing personally all of the 6000 members and those who may apply in the future, a clarification of membership requirements should be made.

During the past few years there have been an increasing number of applications from men who are not geologists or petroleum geologists, but who are working with us in sciences fundamental to petroleum geology and who are requesting admission to our group. Some of the applicants falling in this classification are electrical engineers, mechanical engineers, physicists, chemists and others. Many of these men are employed by oil companies and all of them are rendering an invaluable service to petroleum exploration.

However, it has been brought out that, if these men in allied professions are to become active members of the A.A.P.G., at the rate we are receiving applications it may not be long before we become an "American Association of Exploratory Scientists" or some such group rather than an association of petroleum geologists. The A.A.P.G. is growing fast. Two years ago we had 5000 members. Today we have 6500 members. We are the largest and most active geological organization in the world. It was therefore thought that now is the time to ascertain whether the Association was primarily a geological organization with its policies controlled by geologists, or whether the Association should be opened to active membership and control of others in allied professions. It was also brought out that associations of other professions have several grades of membership for men of allied sciences.

Therefore, after listening to considerable discussion on this subject and to the report by the special committee which was set up to study the situation, the members of the business committee voted that certain simple changes be made in our Constitution and By-Laws which will serve to more nearly preserve the geological identity of the Association without changing the overall requirements for membership or affecting the status of our present members and associates. In general these changes would provide that -

In the future only those applicants who have or later acquire the necessary geological background shall be elected to "Active Membership".

Students and recent graduates having completed the necessary thirty hours of geology but not yet eligible for active membership because of the three year experience requirement shall be elected to the newly created "Junior Membership."

Applicants who have completed collegiate work in sciences intimately related to petroleum geology and have the equivalent of three years' experience in the application of their sciences to the study of petroleum geology but lack the full geological requirements for active membership may be elected to "Associate Membership" provided they are engaged in some branch of petroleum exploration or in investigations in the broader subject of petroleum geology and technology at the time they apply for membership.

Associates may apply for active membership when they have fulfilled the requirements for active membership (i.e. have acquired the necessary geological background).

As at present, certain discretion is left to the Executive Committee in regard to men who may not have the necessary collegiate training but whose standing in the profession is well recognized.

It is also to be noted that the status of members and associates already in the A.A.P.G. will remain unchanged.

The business committee recommended to the annual business meeting, and it was voted in the annual business meeting, that ballots be sent out to all members with the proposed changes in the constitution that would put into effect the above conditions. In the final analysis it is up to all active members to give this their serious consideration and to vote as they feel justified on the ballots which will be sent to them from the National Association some time this month.

A vote of "No" will mean that you wish the Constitution to remain as it is with no change in membership requirements and classification.

A vote of "Yes" will indicate that you wish to have the Constitution and By-Laws changed to permit a change in membership requirements and classification as outlined above.

OPAL MARIE LACKIE

The sudden passing of Marie Lackie was a shock to her many friends. Death came as the result of a cerebral hemorrhage while she was hunting rock specimens in the desert.

Mrs. Lackie was a research geologist on the consulting staff of Earl B. Noble, Chief Exploration Geologist of the Union Oil Company of California, and was concerned with many areas of the world. She received her Bachelor of Arts degree in Geology at the University of California at Los Angeles in October 1942, and endeared herself to many people during her stay there. Her professional career began with the Amerada Petroleum Corp. from June, 1943, to August, 1944, followed by three years at the Shell Oil Company, working with Dr. E. F. Davis in the Exploration Department. She came to Union Oil Company in April, 1948, where her willingness to accept new thought and ideas and her inherent honesty made her an ideal research geologist.

PERSONAL ITEMS

Gus Gilbert, formerly chief draftsman of The Texas Company, is now Assistant to the Chief Geologist in charge of office management.

Tommy Wallace has been appointed assistant to the vice president as Manager of Production for the Western Gulf Oil Co. You won't believe this, but he's been with the Gulf for twenty-three years!

Rolfe Johnson and spouse are very busy these days building a new home in Granada Hills.

Ted Bear and family took some time off a few weeks ago and basked in the Palm Springs sun. His wife claims that his conscience bothered him all the while. JOKE!

Wilbur Rankin has been elected national vice-president of the S.E.P.M. He has been active in its affairs since 1929 and also took office as secretary-treasurer of the AAPG in 1933.

Joe Bryan is now on the road to recovery after an operation that kept him down for several days.

J. L. Chase expects to return from Texas about April 15th. He claims that the weather is warmer there, which proves that he's been there too long to remember the climate here!

And speaking of weather beyond our borders, St. Louis at convention time was just a mite cool. Just a small blizzard for the visiting firemen.

Alex Tarbet sent this in and, since the identity of the person concerned is not known --I quote:

"During the last Salinas Valley bimonthly dinner scout meeting a more than unusually successful gathering was marred by the late arrival of one of the charter members, who, due either to the necessity of a restricted diet or financial embarrassment, ordered nothing but coffee. Contributions which were obtained to feed the character were spent a la main street at the Bar, and it is doubted that there was enough left over for a reasonable tip. Consequently another collection will be made for this purpose at our April 5th meeting."

Tom Etherington has been transferred from the Washington area to the Los Angeles office of the Standard Oil Co. And just when the rains are over, too!

Andy Lawson, of the Berkeley Lawsons, is now the proud papa of a baby boy. Andy is 87 years old and claims that the event is nothing extraordinary!

Al Woodward took an active part in the Fathers' Night show of the San Marino P.T.A. as a soloist. Al almost embarked on a singing career a few years ago via the Atwater Kent Auditions. Curtis Johnson was another member of the cast, which, I'm told, had as much fun as the audience. The show was also given at McCormack General Hospital.

J. Q. Anderson has resigned his position as district Geologist for the Barnsdall Oil Co. to enter private practice. He will be located in the Haberfelde Building in Bakersfield.

Kemp Barley just recently crashed through with another daughter, the third in line of succession to the Barley fortunes. He claims that anybody can have boys!!

Jane Everest was married to Dr. J. T. Gregory in Berkeley on February 21. They had been planning on April 1st, then remembered it was April Fools' Day. The good doctor is a professor of paleontology at Yale and they are now in New Haven.

Everett Pease will leave the Amerada Petroleum Corp. to take the position of District Geologist for the Barnsdall Oil Co.

Bob Quinn has resigned from the General Petroleum Corp. in Taft and is now here in Los Angeles with the Wilshire Oil Co.

The oil industry will miss Tom Rico who was killed in a plane crash last month. Tom had been with the Richfield Oil Corp. for many years and was well known in California.

Walter Stalder, long-time member of the AAPG, passed away in Oakland a few weeks ago. The old-timers remember him well.

Robert C. "Bob" Patterson, well known in the oil business for many years, died at the age of 62 after a brief illness. He was with the USGS for 23 years. His daughter, Julia, is with the Amerada Petroleum Corp. in Los Angeles.

"Mac" MacKenzie has acquired another member for the family -- a girl.

Unfortunately, the "Orwig" #1 being drilled by the General Petroleum Corp. at Placerita will not stuff the pockets of Bob Orwig. Seems the other Orwig is a too distant cousin.

Ed Hall is back in the Union Oil Co. offices at Santa Paula again, after several months in the field.

Joe Jensen and Bill Pemberton will speak before the Conservation Committee of Oil Producers at the Bakersfield Inn on April 19. According to the Handicap sheet of the AAPG Jockey Club, Pemberton had "forfeited his entry fee and retired to stud".

When you're passing through Ojai, be certain to visit the Jim Shellers who are firmly entrenched there.

Johnnie Huber has resigned his position at the Continental Oil Co. where he had been employed for the last ten years.

Kenny Robertson is now vice-president in charge of Canadian operations for the United Geophysical Co.

When last seen, Pat Kelley was checking the speed of the Super Chief with a stop watch from the observation car. The schedule held up all right and he occasionally clocked the train at 95 m.p.h!

Ted Lee, photographer par-excellence, took some swell pictures of the gang on the convention-bound train. Too bad he didn't remove the lens cap!

E. R. "Bob" Atwill has been appointed Assistant Chief Geologist, Pacific Coast Area, for the Union Oil Co.

Date for the Annual Spring Picnic is set for Friday, May 20. The usual spot in Pico Canyon has been furnished by the Standard Oil Co., and soon the ring of carpenter's hammers and pipe-fitter's wrenches will resound in preparation for the big event.

BIBLIOGRAPHY OF RECENT PUBLICATIONS

CALENDAR

- **Pacific Coast Geology**
***Other Articles of Special Interest**

SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

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1949.

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*Special issue including papers and digests
of papers given at the recent AAPG meet-
ings in St. Louis.

Calif. Oil World, 1st and 2nd January Issue, 1949

****"The Origin of Petroleum in the Light of
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by B. T. Brooks.

April 11, 12, 1949, Monday and Tuesday, A.I.M.E.,
Metals Group, Shrine Civic Auditorium, Los
Angeles, Joint Meeting with A. S. M.

April 14, 1949, Thursday, 7:00 p.m., A.I.M.E., Jr.
Petroleum Group, Rio Hondo Country Club, Downey.

April 14-16, 1949, G.S.A., Cordilleran Section,
Claremont Hotel, Berkeley, Semi-Centennial Meet-
ing.

April 19, 1949, Tuesday, A.P.I., San Joaquin
Valley Chapter meeting with Conservation Committee,
Bakersfield Inn, Bakersfield.

April 25, 1949, Monday, 7:00 p.m., Petroleum Tech-
nology Group, Ethyl Auditorium, Los Angeles.

May 2, 1949, Monday, 7:30 p.m., A.I.M.E. Metals
Group, Ethyl Auditorium, Los Angeles.

May 6, 1949, Friday, 2:00 p.m., S.E.G. Spring
Technical Meeting, El Tejon Hotel, Bakersfield.
Dinner at 8:00 p.m.

May 12, 13, 1949, Thursday and Friday, A.P.I.,
Pacific Coast District, Division of Production
Meeting, Biltmore Hotel, Los Angeles.

May 12, 1949, Thursday, 7:00 p.m., A.I.M.E.,
Junior Petroleum Group, Rio Hondo Country Club,
Downey.

May 13, 1949, Friday, A.I.M.E., Mining and Milling
Group, Field Trip, Crestmore Mine, Colton.

May 16, 1949, Monday, 7:30 p.m., A.A.P.G. Pacific
Section Geological Forum.

May 17, 1949, Tuesday, 8:00 p.m., A.P.I., Los
Angeles Basin Chapter, Shell Recreation Hall,
Signal Hill.

May 18, 1949, Wednesday, 7:30 p.m., A.P.I., Coalinga-
Kettleman Chapter, Polvadero Country Club.

The previously announced appearance of distinguished
lecturer, H. D. Thomas (Regional stratigraphy and
structure of Wyoming), was cancelled, and the regu-
lar luncheon meeting is being rescheduled for
April 7. Don Curry, Shell Oil Company, will present
an illustrated talk on some unique structural fea-
tures in Death Valley, where he has spent four or
five years (not for Shell).

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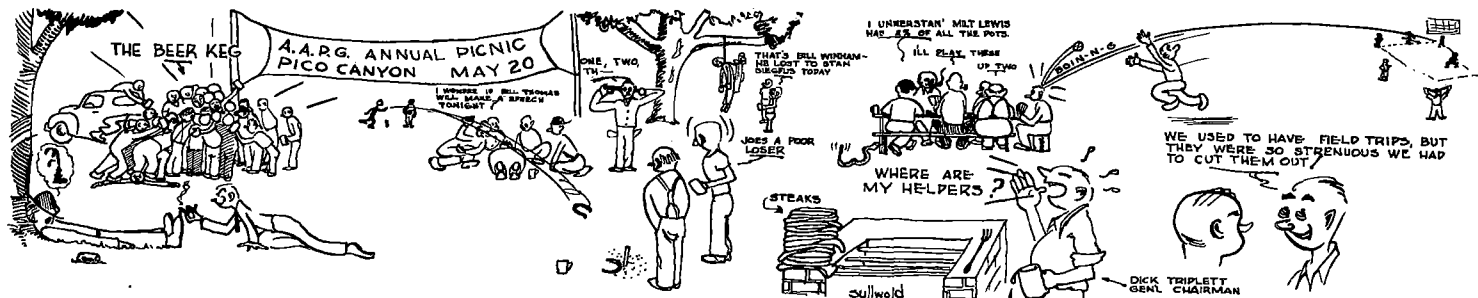
PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

May, 1949

No. 5



ASSOCIATION ACTIVITIES

PICO CANYON STAG HIGHLIGHTS SPRING SOCIAL SEASON

Steak eaters, poker players, horseshoe pitchers, and possibly even a few beer drinkers, will gather Friday afternoon, May 20, to run the swab on each other at the annual stag barbecue of the Pacific Section at the usual spot, the Standard Oil camp in Pico Canyon out near Newhall.

Dick Triplett, the core driller, is in charge of the whole affair assisted by Don Davis, who masterminded last years fracas. They promise that the beer will arrive on the scene at 3 P.M. through the courtesy of Lane-Wells. Kern County Land Company is expected to supply the meat, and picnic supplies are to be from the Union and Standard quartermaster stores. Poker players are asked to bring their own cards and poker chips.

For the hardy souls who like to sleep under the stars, and for their weaker brethren who shouldn't (or can't) drive home Friday night, breakfast will be served Saturday morning. Admission fee to the whole shebang is two bucks.

GOLF TOURNEY TO PRECEDE PICNIC

An added attraction this year is the first annual geologist's golf tournament to be held on the morning of the picnic at the San Fernando Valley Country Club.

The tournament is being carefully planned by Bill Winham, and in order to have it run off smoothly he is asking all those who intend to take part to notify him in advance. Present plans call for a low gross to determine the champion and a blind bogey to give us duffers a chance. Entry fee is three dollars, which will cover greens fee and prizes. Every geologist who has a set of clubs is urged to come out if only to heckle Bill Winham to keep him from winning all the prizes. Ceremonious presentation of awards will take place at the stag dinner.

The San Fernando Valley Club is located south of Ventura Boulevard about eight miles west of Sepulveda Boulevard in the town of Woodland Hills. It was formerly known as Girard, and later as Woodland Hills. Starting times will be between 9 and 10 in the morning.

NEW FAULT FEATURE DESCRIBED

"Some Structural Features of Death Valley," an illustrated talk by Don Curry at the last Pacific Section luncheon meeting on April 7, turned out to be a description of turtle-back surfaces.

These surfaces were described as warped fault planes with their hanging walls stripped off by erosion exposing large areas of fault surface resembling the back of a turtle. Numerous colored slides of the phenomena left no doubt in the observers' minds of the aptness of the nomenclature. The particular area in which Curry has mapped periodically for over five years is the Black Mountains at the south end of the Funeral Range on the east side of Death Valley. The area adjoins that described by Levi Noble where the Amargosa thrust fault (which is stripped in the Black Mountains) is covered by the peculiar Chaos formation.

Curry described and illustrated the turtle-backs in complete detail. He said they were known from the Funeral Range and Panamint Mountains bordering Death Valley, but to his knowledge have been observed nowhere else.

No luncheon meeting is scheduled for May.

SHEPARD TO DISCUSS OCEAN BOTTOM

While this blurb is in press Dr. Francis P. Shepard, Principal Geologist at the Scripps Institute of Oceanography, will have made his debut in Los Angeles prior to a cross-country distinguished lecture tour. His subject is "Sediment Patterns on the Asiatic Continental Shelves."

Dr. Shepard has been at Scripps since 1936. During the war he was connected with the U. S. Navy radio and sound laboratory at Point Loma, a University of California project. His talk is an interpretation of sea floor rock-type data from Japanese, British, Dutch, and Chinese navigation charts and is soon to be published. He is perhaps best known for his defense of the sub-aerial origin of submarine canyons. The scene of the maiden lecture of his tour is the Hancock Foundation building at U.S.C. on May 4. He will then depart for Texas.

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Next Deadline: June 7, 1948

FORUM SCHEDULED FOR MAY 16

Cuyama developments, dip contouring, and Santa Rosa Island are the subjects to be discussed by Art Huey, Bob Paschall, and Lowell Redwine, respectively, at the next geological forum, organized by Hank Neal.

The meeting is scheduled for 7 P.M., May 16, in the Edison Building auditorium. No forum was held in April due to the abundance of other meetings.

S.E.G. HOLDS SPRING MEETING

Another event taking place while this paper is in press is the Spring Meeting of the Pacific Section of the Society of Exploration Geophysicists on May 6 at the El Tejon Hotel, Bakersfield.

The meeting is in cooperation with the San Joaquin Valley Geological Society and begins with an afternoon technical session followed by a dinner at which Earl Noble addresses the group on "Exploring the Gran Chaco of Paraguay."

RICHARD R. CRANDALL

The geologic profession in California has recently experienced a great loss in the death of Richard R. Crandall who died at the age of 47 years on April 16th at the Huntington Memorial Hospital in Pasadena after a short illness.

"Dick" Crandall was a spectacular student at Stanford University, graduating magna cum laude in 1923 as a member of Phi Beta Kappa. For a short time thereafter he was associated with the General Petroleum Corporation and The Texas Company but for many years operated successfully as an independent geologist. He was very well liked and professionally respected by geologists who had the privilege of a close acquaintanceship. He was favored with a charming wife, two sons and a daughter; and his brother Kenneth Crandall, is Vice-Chairman of the Board of Directors of the California Company (a Standard Oil Company of California subsidiary).

It is a tragic and regrettable occurrence that such a generous friend and a man of such professional promise and high integrity should be taken from our midst.

PERSONAL ITEMS.

Lee Osborne, formerly with the Shell Oil Company in Long Beach, is now with the Union Pacific Railroad Company in Los Angeles.

R. L. Hewitt has resigned his position with the Western Gulf Oil Company to become the Chief Geologist of the Trico Oil & Gas Co. in the Bakersfield area.

Gordon Bell has been transferred to Santa Maria to replace R. L. Hewitt. He will be District Geologist of the newly organized Coastal Division.

Al Vitt has left Sunny California on an inspection tour of the Seaboard's Canadian operations. He is accompanied by an expert guide--the much travelled Vince Vandiver, who is reported to have discovered a large, north-of-the-border reserve of....Canadian Club!!

Bill Greenwalt and Gene Borax have been hounded by talent scouts since their appearance in the televised report of Union Oil's 1948 operations. Bill was caught dusting off a convenient outcrop, and Gene was observed peering into an alidade--probably keeping an eye on Greenwalt.

Bill Wrath and family recently occupied their newly constructed home in Altadena.

H. J. Buddenhagen is headed for the State of Washington to do some reconnaissance work for the Shell Oil Co.

Umberto Young has hung out his shingle at Room 1103 Quinby Building, 650 South Grand Ave., Los Angeles 14.

Andy Anderson is now in charge of the Amerada offices in Bakersfield, replacing Everett Pease.

Jimmie Anderson has been transferred from Shreveport, La. to the Continental Oil Company's Los Angeles offices where he replaces Johnnie Huber. Jimmie was District Geologist in Shreveport.

The Blue Goose Cafe at Summerland now has a new item in its menu called "Orrin Special". It didn't take Sam Spade to trace it to Orrin Gilbert of the Standard Oil Co. It seems that his favorite breakfast is a cheese omelet, and he ordered one every morning for a month while he was in the area watching Standard's Summerland gas well.

George Knox has been placed in charge of Canadian operations for the Standard Oil Company of California.

Oscar Van Beveran is now Superintendent of Exploration at Bakersfield and Hal Bemis was put in charge of geophysical operations for Standard Oil Co.

Ham Hamilton, of the Hamilton & Sherman combine, recently returned from a big-game hunting expedition in South Africa. He bagged an elephant, a lion, a rhinoceros, a leopard, a buffalo and two Standard Oil geologists. The last mentioned were not suitable for mounting. When asked about the various rock-types, he answered that they were not aiming at the rocks.

E. Harold Rader, our very active secretary-treasurer, has spudded a new home in the Whittier district. Have you paid your dues?

When Charles M. Cross recently appeared with broken arm in a brace, it was officially announced that the injury was incurred while supervising some rather strenuous Boy Scout activities in which Charles was participating. In view of the fact that his bending arm is not impaired, the patient is able to take nourishment and we all wish him a speedy recovery.

After leaving Honolulu Oil Corp. for a year or so of "hard rock" work, Bill Beatty has returned to the coast to join the Stanford Research Institute in the solution of the many knotty problems with which this fine group is dealing.

Seeking a bit of relaxation, V. (for Vertebrate) Vanderhoof was recently strolling with family through Fleishacker Zoo when a particularly aggressive stork reached through the fence and severely pecked his attractive young daughter several times about the face. Fortunately, what might have been a severe eye injury was narrowly averted and Van reports that the situation is well in hand.

Elmo Adams' consulting practice rapidly outgrew that extra bedroom down the peninsula so he has established headquarters in the de Young Bldg., 690 Market Street, just a stone's throw from the Palace Hotel.

The many Pacific Section friends of Bob Lindsay will be interested to hear of his recent appointment as District Geologist at Tide Water Associated's Rocky Mountain headquarters at Casper, replacing Roy Tallant who has resigned. Bob may have difficulty in keeping up his former schedule of hunting and fishing.

E. M. Curry has been transferred to the Shell Oil Company offices at Ventura.

Homer Steiny has applied for membership in the Future Grandfathers of America. His son Jack was married several days ago.

Don't forget to save May 20th for the Annual Picnic at Pico Canyon.

No babies reported during the month of April, but several are on tap. Watch this column!! Remember Andy Lawson was 87 years old!

The second section of the Alaskan Expeditionary Forces, 1949 edition, will leave in the middle of May. John Hazzard and Gene Borax will represent Union Oil, with Gene Vallat and Dick Shelton representing the Ohio Oil Co. Bon Voyage! Remember the Eskimo!!

NOTE: "The Megascopic Study and Field Classification of Sedimentary Rocks" by Paul D. Krynine originally published by the Journal of Geology Vol. 56, March 1948 (see reference in P.P.G. issue Vol. 2, No. 4), which was exhausted is now being reprinted as Technical Paper 130 (25¢), Mineral Industries Experiment Station, Pennsylvania, State College, State College Pennsylvania.

G. C. GESTER - HONORARY MEMBER

Pacific Section Geologists are justly proud of G. C. (Clark) Gester who was made honorary member of A.A.P.G. at St. Louis in March. We claim Clark as distinctly a California geologist even though his geological wanderings have taken him pretty well around and over the entire world. We do not object to sharing his attainments and this latest honor with the geological profession at large but we want it to be thoroughly understood that he is OURS. Many of us have wondered how Clark could accomplish so much work and survive so many conventions; the latter half of this wonder was satisfactorily explained when in delving into early California history, we discovered that Clark first attended school in a Rattlesnake bar (if we read the notice correctly). Like all great thinkers and doers Clark is blessed with the ability to relax through numerous hobbies, among which might be mentioned golf (many cups and other awards adorn his shelves), gin-rummy (is he a shark at this!), swimming (sans cover preferred), photography (he is tops in this too), tale telling (ask him how to make rock soup), and perhaps above all else—good fellowship. He is a grand guy and we are delighted that the national organization has recognized his past services to geology by awarding him an honorary membership. More power to you, Clark!

Core Description

Two hundred cores upon the ground

My God, they spread for miles around.

The usual crowd was there with ease

Like Ali Baba's 40 thieves.

The sun came out in all its glory,

The sweat and dust—oh, boy, 'twas gory.

At first they stand, then squat, then kneel,

Then pretty soon began to peel.

The day wore on and hotter got

Until the bottles start to pop.

Then, that last core tray they found,

They knelt and blessed it on the ground.

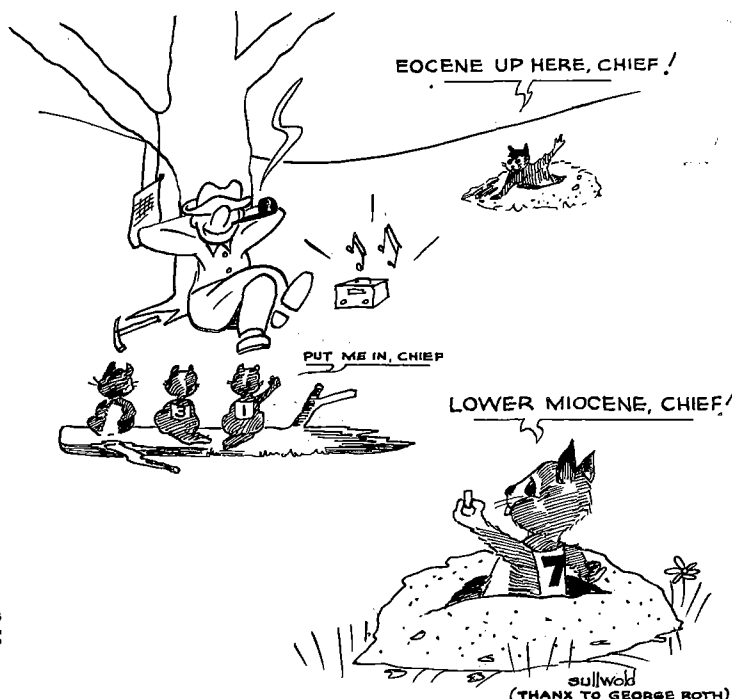
But, WAIT! A paper slip I see —

OH, NO! "Description mailed to me".

Don Haines

VOTE! VOTE! VOTE!

Please remember that an important decision regarding eligibility for membership in the A.A.P.G. must be made by the membership at large, and that means YOU! You have received a ballot from Tulsa and you will have no moral right to complain about the results unless you cast your vote. Good citizens can disregard this reminder.



THE PIPE DREAM

BIBLIOGRAPHY OF RECENT PUBLICATIONS

** Pacific Coast Geology
* Other Articles of Special Interest

SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

Bull. Geol. Soc. Amer. Vol. 60, No. 4, April, 1949

- "Distribution of Mountain Building in Geologic Time"
By James Gilluly, pp. 561-590.
"Lower Middle Ordovician of South-Central Pennsylvania"
By Lawrence C. Craig, pp. 707-780.
**"Portion of the San Andreas Rift in Southern California"
By Robert E. Wallace, pp. 781-806.

Trans. Amer. Geophys. Union Vol. 30, No. 2, April, 1949

- * Symposium on the Earth's Crust (dedicated to the memory of Alfred C. Lane), pp. 165-204.

Oregon State Dept. Geol. and Min. Ind. Bull. 40, 1949

- **"Preliminary Description of the Geology of the Kerby Quadrangle, Oregon" By Francis G. Wells, Preston E. Hots and Fred W. Cater, Jr., 23 pp.
Price \$0.85.

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

Oil and Gas Journal, Vol. 47, No. 48, March 31, 1949

- "Structures of the San Juan Basin"
By Frank C. Barnes, pp. 97-101.

Oil and Gas Jour., Vol. 47, No. 49, April 7, 1949

- "Huge Caverns Encountered in Dollarhide Field"
By D. E. Stormont, pp. 66-68.
"West Red River Field, Oklahoma"
By H. B. Hill et al. pp. 70-77.

World Petroleum, Vol. 20, No. 3, March, 1949

- "Seismic Exploration with Surface Shots"
By Walter O. Novelly, pp. 56-59.
"Exploration in the Philippines", pp. 64-65.
"Aerial Mapping for Oil" By G. P. Mott, pp. 66-70.

Scientific American, Vol. 180, No. 4, April, 1949

- "Submarine Canyons" By Francis P. Shepard, pp. 40-43.

The Oil Forum, April, 1949

- "Canada's Coral-Reefs Point to Big Potential"
By Theo. A. Link, pp. 159-163.

CALENDAR

May 6, 1949, Friday, 2:00 p.m., S.E.G. Spring Technical Meeting, El Tejon Hotel, Bakersfield. Dinner at 8:00 p.m.

May 9, 1949, Monday, 7:00 p.m., A.P.I., Coastal Chapter, Ventura.

May 12, 13, 1949, Thursday and Friday, A.P.I., Pacific Coast District, Division of Production meeting, Biltmore Hotel, Los Angeles.

May 12, 1949, Thursday, 7:00 p.m., A.I.M.E., Junior Petroleum Group, Rio Hondo Country Club, Downey.

May 13, 1949, Friday, A.I.M.E., Mining and Milling Group, Field Trip, Crestmore Mine, Colton.

May 16, 1949, Monday, 7:30 p.m., A.A.P.G. Pacific Section Geological Forum.

May 17, 1949, Tuesday, 8:00 p.m., A.P.I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill.

May 18, 1949, Wednesday, 7:30 p.m., A.P.I., Coalinga-Kettleman Chapter, Polvadero Country Club.

June 1, 1949, Wednesday, 8:00 p.m., A.I.M.E., Mining Branch, Hancock Foundation Bldg., Rm 145, U.S.C. (36th & University Ave), Los Angeles, Clay Symposium.

June 6, 1949, Monday, 7:30 p.m., A.I.M.E., Metals Group, Ethyl Auditorium, Los Angeles.

June 6-9, 1949, Monday-Thursday, A.P.I., Standardization Committee, Dallas, Texas.

June 9, 1949, Thursday, 7:00 p.m., A.I.M.E., Junior Petroleum Group, Rio Hondo Country Club, Downey.

PACIFIC PETROLEUM GEOLOGIST
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 3

June, 1949

No. 6.

ASSOCIATION ACTIVITIES

GODDE GRABS GOLF GUERDON

Harry Godde, chief geologist of the Signal Oil and Gas Company, walked off with top honors in the first annual Geologists Golf Tournament held on the morning of the annual picnic.

He shot a sizzling 81 which was one stroke better than Bill Winham who was the pre-tourney favorite as well as chairman of the affair. Winham had trouble with his putts on the fast greens and even four-putted one hole. The affair was held at the San Fernando Valley Country Club at Woodland Hills and twenty-three golfing geologists participated.

In addition to the low gross score which made Godde the champ until next year, Jack Beach, Tom Fitzgerald, John Ruth, and Rufus Smith shared the blind bogey prizes with net scores of 77. All prizes were golf balls paid for by the entry fees.

Following are the scores of all entrants:

	OUT	IN	TOTAL	HAND	NET
H. A. Godde	38	43	81	13	68
W. P. Winham	41	41	82	8	74
Jack W. Knight	44	40	84	13	71
John H. Beach	42	46	88	11	77
Roy Mead, Jr.	43	45	88	8	80
R. H. Wells	42	48	90	10	80
S. Siegfus	44	50	94	18	76
Ham Hamilton	45	50	95	12	83
Tom Fitzgerald	50	47	97	20	77
R. B. Lockwood	45	52	97	25	72
Don E. Greenlee	49	49	98	22	76
E. L. McDowd	47	51	98	18	80
John W. Ruth	51	48	99	22	77
Wm. A. Greenwalt, Jr.	50	50	100	21	79
J. R. Jackson, Jr.	53	50	103	25	78
Wayne Denning	52	51	103	18	85
George Roth	49	55	104	25	79
Wm. Thomas	53	51	104	28	76
Milton Lewis	59	48	107	25	82
R. E. Minshall	57	51	108	30	78
Rufus Smith	58	58	110	33	77
John Loofbourov	58	54	112	25	87
C. H. Gerdes	63	49	112	30	82

OUTLOOK DIM? NO! -- DICE

Marion Dice, manager of the economics department of the General Petroleum Corporation spoke on "The Changing Outlook for Petroleum in the West" at the regular monthly luncheon meeting at the Clark Hotel on June 2.

He explained the recent price cuts in low gravity crude as due to the increasing demand for gasoline and the reduced demand for heavy fuel oils. He visualizes a plentiful supply of oil in the West to meet ordinary demands in the near future and believes that Canada is the looming competitor in the marketing area usually supplied by California. Speaking from the standpoint of the major oil company, he stated that geologists need not yet start applying for jobs in the May Company basement. He failed to face the problem of the small producer of low gravity crude, however.

PICNIC PROVES PROFITABLE

A clear profit of \$120 resulted from the annual Stag Picnic of the Pacific Section on May 20 at Pico Canyon, according to Dick Triplett, general chairman. Over 200 geologists were in attendance to partake of the two barbecued hindquarters of beef donated by the Kern County Land Company and cooked by Captain Snell of Bakersfield.

It is rumored that there were those who, having succumbed to the call of Lady Fortune, cast a covetous eye at this profit, but that others in a more expansive mood philosophically reasoned that it was all kept in the family, anyhow. Others, it is also rumored, are forming a committee to approach the Standard Oil Company with a proposition to take a few of those kinks out of the road down the Canyon. (It is all right going up, they say.)

About twenty of the hardier (?) souls remained overnight and had breakfast prepared by Don Davis. These were the stout men who cleaned up the site. This can be verified by your reporter who arrived on the scene exactly 24 hours late and found only one lonely red poker chip as indisputable evidence that a bunch of geologists had been there.

CROWD CONSIDERS CUYAMA

Lured by the magic word, "Cuyama," an unusually large crowd turned out for the last Forum meeting on May 16 at the Edison Building auditorium.

About 160 in attendance heard Art Huey, chief geologist of the Hancock Oil Company, discuss "Some Features of the Faulting in the Subsurface at Cuyama." He described the fairly well-known White Rock thrust, but showed, for the first time in public, the importance of the Russell fault. The latter is a major west-dipping normal fault of about 1500' throw which forms the western closure of the accumulation and which is concealed by the overriding White Rock thrust.

Bob Paschall (Amerada) described a method of dip contouring by means of which a subsurface contour map can be drawn using only surface dips for control. He presented the case for and against use of this method, but felt that it was a generally overlooked tool, and could be very useful.

Lowell Redwine (Honolulu) presented a humorously prepared and very well illustrated talk on Santa Rosa Island. He discussed all phases of the recent Signal-Honolulu-Macco campaign there, including geology, drilling, transportation, hunting, and personalities.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
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PACIFIC PETROLEUM GEOLOGIST

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Next Deadline July 11th.

TO MEMBERS OF A.A.P.G.

* * *

THE PACIFIC PETROLEUM CHAPTER OF A.I.M.E. INVITES YOU AND YOUR GUESTS TO PARTICIPATE IN THE OAKRIDGE ANTICLINE - OJAI FIELD TRIP AND BARBEQUE FRIDAY, JUNE 17, 1949. RESERVATIONS REQUESTED

* * *

Program includes a talk on regional geology by Elmer Baddley and visits to oil fields with talks on production and drilling problems and geology by various experts.

Meet at 9:30 A.M. at Rodeo Grounds, Santa Paula. Lunch 12:30 P.M. at Shiell's Canyon (\$1.50 incl. beer). Steak (or fish) barbeque 6:30 P.M. at Dennison Park, Upper Ojai Valley (\$2.50 incl. more beer)

For reservations write Frank Parker, Box 5840, Metropolitan Sta., Los Angeles 55, or phone Frank Parker, MI 8311; Lowry Wadsworth, MA 6-5711 or Chet Doyle, Taft 302.

MINERAL INFORMATION SERVICE

The California Department of Natural Resources, Division of Mines, with Olaf P. Jenkins, Chief, publishes a monthly news release concerning the mineral resources and industry of California designed to inform the public of discoveries, operations, markets, statistical and new publications. "It is distributed without cost upon request to the above at the Ferry Building, San Francisco".

This service was started in 1948 and is an interesting eight page pamphlet which though it generally favors the metallics and non-metallics contains sections of interest to A.A.P.G. members. The current June issue contains a short paragraph on the Richfield recent Homan Ranch discovery and an announcement about the publication of a paper entitled "Water-Flooding As A Method of Increasing California Oil Production" by Wilber H. Somerton. This is to be presented in three parts with Part 2 now in the press to be printed in the July issue of the California Journal of Mines and Geology. The April issue carried an announcement about a rock color chart which can be obtained from the Division of Geology and Geography of the National Research Council, Washington, D. C. for \$5.50 per copy. For anyone wishing to keep up to-date on California geological publications this service is a much appreciated source of information.

FORUM SLATED FOR JUNE 20

The auditorium of the new General Petroleum Building will receive its "Forumal" baptism on Monday, June 20, at 7 P.M. sharp, when the Geology Forum will meet under the management of Joe Hudson of the Humble Oil and Refining Company.

Stuart E. Buckley, in charge of production research for Humble at Houston, will speak on "Principles of Reservoir Performance," and Herbert Hoover, Jr., president of United Geophysical Company which is doing contract work for the Navy in Alaska, will speak on "Petroleum Exploration in the Arctic." Only two papers are scheduled, because it is felt that they are of sufficient importance to be granted more than the usual amount of time. The new building is located at 621 South Flower Street.

PERSONAL ITEMS

To the ladies who read this portion of the bulletin: Don't give the old man a bad time! There are many items here he honestly didn't know about!!

Bob White now has his fifth exemption and his fourth boy. Name: David. Date: May 16th.

John Griffiths is now working with Bill Thomas at the Shell Oil Company offices in Ventura.

Glad to see George, "G. Y." Wheatley back in the traces again. He took a few days off to recuperate from a minor operation.

Robert Bruce Fothergill was welcomed by the Santa Maria Fothergills as a new member of the family last May 25th. Knew it would be a boy all along!

Donuil Hillis has put his name on the door of The Capital Company's new office in Hobbs, New Mexico.

The Western Geophysical Company has moved its Los Angeles offices to the Pacific Mutual Bldg., 523 W Sixth Street.

Harvey Lee, of the North Dakota Lee's, states that the three-storey buildings in the larger towns (Pop: 500-1000) are beginning to look like sky-scrapers. He's been there two months and has had several cribbage sessions with Ike Holston who was also shanghaied.

Orrin Gilbert is now sans appendix. One too many cheese omelets at the Blue Goose Cafe in Summerland. He's vacationing at home!

Calvin James "Jimmy" Dean died on May 9th at his home in South Pasadena. Jimmy was well known in the oil industry.

Johnny Sansone has been transferred from Ventura to the Shell Oil Company offices in Sacramento! --Sacramento!

The annual fishing trip of the Richfield Exploration Dept. took place at Wheatley's Lake in the upper Cuyama Valley--naturally! Much rain, few fish, much poker, much dominoes, big gang. Some low-lifer lit a firecracker under the beds of several members. Offered reward: One Cuyama dry hole.

Did you see Stan Krisch's picture on the Standard Oil Co. monthly publication--complete with brunton & intent look?

Jan Brittle has left the San Fernando diggings of Wm. Ross Cabeen & Assoc. to accept a position with the Bear Oil Company in Canada. Warning: She plays a mean game of Red Dog!

W. E. Dunlap & George W. "Frenchy" LaPiere are now occupying Room 537 in the new General Petroleum Bldg.

Ed Simpson is now operating at 620 Cherry St., Denver 7, Colorado. Sounds like it could be a Long Beach address too.

Haven't heard too many tall tales from those "Compleat Anglers" of the profession. However, the season is young and Rollin Eckis, one of the more "compleat", has yet to be heard from. How about sending in the dimensions of some of the more gross fish?

Johnnie Wents, Jr. was recently made a director of the Tide Water Assoc. Oil Co. on May 5th in New York City.

Russ Burns is now Chief Geologist, Western Canada, for the Union Oil Company.

Syd Barnes, formerly of the Tide Water Assoc. Oil Co., is now with the Standard Oil Co. of Texas in Shreveport. Maybe he should have spoken to Jimmie Anderson at the Continental offices!

Emil Kluth, vice-president of the Pacific Western Oil Corp., and Mrs. Kluth are about to leave for an extended tour of Europe with emphasis on France and Switzerland. Maybe he can bring Bill Kew another pair of Swiss shoes!

While we are on the subject, Harry and Mrs. Johnson are now in Europe seeing what sights are left. They'll be gone for several months.

J. R. "Jim" Dorrance has just returned from a swell vacation in South America. He flew down with Bill Clark of The Texas Company, and went into the back country of Columbia. He did manage to hook a tarpon while fishing in the Magdalena River but--it got away! Sounds familiar!

The General Petroleum Corp. Exploration Department, seventeen in all, showed up at Bass Lake for a three day "fishing" party. Not too many fish caught, but a good time was had by all, although Frank Carter was forced to use a table top to find a dry place for his oversized sleeping bag. There were several bottles of amber liquid left over, believe it or not, but Ben Lupton got away with the Ancient Age.

Subtract one more eligible male from the ever-shrinking list--Richard Thorup was married in the Stanford Chapel to one Kathryn McKenna on May 15th. They spent their honeymoon in old Mexico.

Tom Baldwin is recuperating from a rather severe case of San Joaquin Valley fever. He'll be up and around soon, and in the meantime, the former mayor of San Ardo, Harry Campbell, has returned to carry on.

Recently seen at San Ardo, the garden spot of the Salinas Valley, were John Kilkenny, Andy Vidas, W. S. W. Kew, Tony Morris, Max Capen and, last but not least, that dispenser of good will and cheer--Al Solari. The condemned man ate a hearty meal at the May 10th get-together.

John Olson, of the CCMO, has been transferred to the Texas branch of the Santa Fe Railroad's oil operations in Amarillo. He will be working with Bob Herron who went back last year.

Bob Ford has been made Manager of the Mid-Continent area for the Schlumberger Well Surveying Corp. with headquarters in Tulsa. Address: 911 Daniel Bldg., Tulsa 3, Oklahoma.

Ray Berryman is now in charge of the Geological Dept. of the Ohio Oil Company in Bakersfield while Gene Vallat is summering in Alaska.

The Oil Scouts softball team, sponsored by the major oil companies, lost a pitchers duel in the opening game of the season. Score: 17-16.

Charles Cross departed hastily on a trip through the Dakotas on what was officially announced as a reconnaissance mission. Because Herb McMasters hopes to move family and furniture into his new home in Palo Alto next week, informed sources expect Cross to wind up his scouting activities in time to be on hand.

Jo Ann Scoggins Moore will be courtin' material in 1969. She weighed in at 8 lbs., 2½ oz. on May 12th. Father Quentin of General Petroleum and Mother Susan are both doing well.



Reaction of the oil fraternity to the recent wedding of A.J. SOLARI has only been equalled in recent years by the development which occurred during 1948 in the Cuyama Valley. Leaders of the Industry, when contacted, were unanimous in their surprise but reactions varied from the jubilant to reverent expressions of hope. All statements voiced the belief that one of the most colorful bachelorhoods the profession has ever developed, thus comes to a dramatic close in an atmosphere of connubial bliss.

At the foot of Bush Street, just below the Standard Oil Building in San Francisco is the Mechanics Statue, a masterpiece in bronze by the sculptor, Tilden. It shows a group of nudes, with primitive tools struggling manfully to punch a steel plate. For years, the tradition around Bush and Battery has been that they'd finally make it if and only when Allison Jarvis Solari got married. Well, that happened a few days ago in Carson City as noted in the adjacent column. The following Monday the Mechanics statue was surrounded by a curious crowd of San Francisco geologists and others attracted by their patience. By late evening nothing had happened, the crowd gradually dispersed and another fable had gone its way.

The Standard Oil Company was obliged to issue a hasty statement to the effect that the colors were at half mast in observance of Memorial Day and not to the SOLARI incident of that same weekend.

Howell Gester's reaction was an eloquent moment of silent prayer.

Bill Barbat's usual sparkle and ebullience were momentarily interrupted as he stared into space with a fixed and glassy eye.

CALENDAR

June 9, 1949, Thursday, 7:00 p.m., A.I.M.E., Junior Petroleum Group, Rio Hondo Country Club, Downey.

June 13, 1949, Monday 6:30 p.m., A.A.P.G. Coastal Geological Society, Eaton's Restaurant, Santa Barbara. Dinner meeting. "Developments on Santa Rosa Island." Lowell Redwine. "Correlations of the Channel Islands". Bill Corey.

June 17, 1949, Friday, A.I.M.E., Oakridge, Ojai Field Trip and Barbecue. Starts Santa Paula 9:30 A.M. Barbecue, Dennison Park, Ojai, 6:30 p.m. A.A.P.G. invited.

June 20, 1949, Monday, 7:00 p.m., A.A.P.G., Pacific Section, Geological Forum, General Petroleum Auditorium, 612 So. Flower St., Los Angeles.

June 24, 1949, Friday, 6:30, A.I.M.E., all sections, Elks' Club, Los Angeles, dinner meeting, subject, "Oil Shale".

NOTE: A.P.I. & A.I.M.E. will be virtually non-active during summer.

GEOLOGY AT S. C.

The May issue of the Sigma Gamma Epsilon, national fraternity devoted to the earth sciences, features the Geological Department at the University of Southern California and Geological papers by the students. The advantages of the institution are well illustrated in true California fashion, including a discussion of the U.S.C. Floating Marine Laboratory, the Valero IV. The geological papers in California by the students include the following areas: Lytle Creek Area, - G. Ray Arnett; Devil's Punchbowl Area - A. M. Laurie and Norman E. Dietzel; The San Andreas and San Jacinto Rift Zones - E. C. Sprotte; Diatomite in the Palos Verdes Hills, California - Robert B. Cook; California Coal - Stanley E. Karp; Lower Cambrian Fauna of the Marble Mountains - Joseph F. Riccio; and Giant Oysters from the Upper Miocene of California - Lewis Martin.

Editorial note:- Further cooperation of the members is requested for any items of unusual geological interest or geological photographs of quality.

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SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

Jour. Inst. Petr. Vol. 35, No. 301, Jan., 1949

"Integration of Operations in a Large Refinery"
By K. B. Ross and D. N. McKinley, pp. 3-27.

Jour. Geol. Vol. 57, No. 1, Jan., 1949

**"Cementation of Some California Tertiary Reservoir Sands" By Charles M. Gilbert, pp. 1-17.

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

Oil and Gas Jour. Vol. 48, No. 1, May 12, 1949

"Prospecting with the Surface Magnetometer" By David E. Reed and Erik V. Garpner, pp. 106-109.

"New Pennsylvanian Hit for Lea County, New Mexico", p. 139.

Oil and Gas Jour. Vol. 48, No. 2, May 19, 1949

"Gulf Coast Oil - Why Are These Fields Where They Are?" By Charles J. Deegan, pp. 190-193.

"Study of Oceanographic Factors for Offshore Drilling Site" By Irving P. Krick, pp. 261-265.

"Oil and Gas Developments in Florida, Georgia and Alabama" By Herman Gunter, pp. 337-343.

The Petroleum Engineer, Vol. 21, No. 4, April, 1949

"Offshore Seismic Exploration in Gulf" By Virgil W. Teufel, pp. 7-11.

"Offshore Exploration with Gravity Meter and Magnetometer" By Eugene W. Frowe, pp. 92-96.

World Oil, Vol. 128, No. 13, April, 1949

"Can Resistivity Method Discover Oil Directly?" By Hubert Guyod, pp. 69-75. (part one)

"Asphaltic Sands Occurring in Oil Fields" By D.B. Taliaferro and K.E. Stanfield, pp. 82-85.

World Oil, Vol. 129, No. 1, May, 1949

"Correlation of Seismic Events with Geologic Horizons" By Neal Clayton, pp. 66-72.

"Can Resistivity Method Discover Oil Directly?" By Hubert Guyod, pp. 73-77. (part two).

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

July, 1949

No. 7

POWDER RIVER BASIN FIELD TRIP SCHEDULED

ASSOCIATION ACTIVITIES

FORUM INITIATES NEW G. P. AUDITORIUM

Two authoritative papers of general interest were presented at the Pacific Section Geological Forum meeting on June 20 in the auditorium of the new General Petroleum building. Carroll Wagner, director of exploration of General Petroleum welcomed the large audience at its initial meeting in the new facility and announced that the group had a high priority for future meetings there.

"Principles of Reservoir Performance" were clearly and fundamentally outlined by Stuart E. Buckley, in charge of production research for Humble Oil and Refining Company at Houston. He showed typical production curves to illustrate characteristics of dissolved gas drive, gas cap drive, and water drive fields. Correlation between recovery and reservoir pressure, permeability, viscosity, and gas-oil ratio were also shown. Each principle was forcefully and authoritatively illustrated by detailed curves showing factual data in fields where control of production rates and pressures was possible.

One illustration was the East Texas field where nearly a half million barrels of produced water is returned to the Woodbine sand daily. The pressure-drop curve showed a decided leveling off after the water-flood was begun.

Herbert Hoover, Jr., president of United Geophysical Company and Exploration Contractors, Inc. spoke on "Petroleum Exploration in the Arctic." He described the 56,000 square mile Naval Petroleum Reserve located in a basin north of the Brooks Range where the trees grow two inches high and four feet broad.

Surface mapping in the foothills and geophysical studies have resulted in the drilling of five wells. Principal objectives are Cretaceous sands and Mississippian limestones. Oil and gas shows have been found, and a well at Pt. Barrow is capable of producing a half million cubic feet of gas per day from a sand at the pre-Cambrian contact at 2200 feet.

In spite of temperatures always below -50° and absence of liquor, he said living conditions were very good. Supplies are brought in by the Navy once a year. Seismic shot holes automatically case themselves with ice, eliminating the need for casing. However, a \$150,000 refrigeration unit has to be used to keep the ground frozen around drilling wells to prevent the rig from settling in melted perma-frost. Oil-saturated tundra near seeps has been cut up and stored like logs for fuel by the Indians for years.

The next Forum meeting is scheduled for 7 P.M., Monday, July 18, at the Edison Building Auditorium. Wilbur Rankin is chairman.

H. Wayne Hoylman of Fairchild Aerial Surveys will give "General Comments on Observation and Interpretation of Aeromagnetic Data." John Lance will speak on "Evolution of the Horse from Northern Mexico." Louis Simons is pinch-hitting for Irv Frazier as chairman of the Forum Committee during Irv's vacation.

Rocky Mountain experts will be interested in the fourth annual field conference of the Wyoming Geological Society on August 9 through 13 in the Powder River Basin, Wyoming.

Ground operations will be confined to the west side of the Basin, and an unusual feature will be aerial reconnaissance flights over the entire Wyoming portion of the Basin. Headquarters will be in Sheridan the first three days and Casper the last two days.

Those expecting to attend should contact George Goodin, Field Conference Committee, P.O. Box 545, Casper, Wyoming. The number of registrants will be limited to 300. Guide books will be supplied to those attending, and may be purchased after the conference for \$5.00 from the Treasurer, Wyoming Geological Association, Box 545, Casper, Wyoming.

GEOLOGISTS ATTEND A.I.M.E. FIELD TRIP

Many members of the A.A.P.G. enjoyed the excellent discussions of geological and engineering problems presented at the A.I.M.E. Oakridge Anticline-Ojai field trip to which they were generously invited by Frank Parker and Lowry Wadsworth who master-minded the affair.

After a background introduction by Elmer Baddley at Santa Paula, the group, numbering about 130, proceeded to Shiells Canyon, Bardsdale, South Mountain, West Mountain, and Ojai. At each field talks were given and questions answered by such experts as Maloney, Woodward, Lesperance, Baddley, Kohle, and Schwade. Among the more unique features witnessed were the endless battles against landslides at Shiells Canyon, the final conquering of topographic barriers at South Mountain, and the unusual geology and development program at Ojai.

Lunch was served at Shiells Canyon and barbecued steaks and beer at Dennison Park. Unlike the usual A.A.P.G. trip, poker was brought to a sudden halt by the dismantling of the light plant at 9:30 P.M.

CLARK GESTER RETIRES

G. Clark Gester, honorary member and past president of the A.A.P.G., retired on July 1 after 32 years with the Standard Oil Company of California. He was chief geologist for 22 years and consultant to the firm for the past six years.

Gester had geologized in over a dozen countries throughout the world since graduation from the University of California in 1909. He expects to continue geological research as a member of the California Academy of Science.

Bob Orwig of the General Petroleum who has written up the selected bibliography for the newsletter for over a year has found it necessary to relinquish this post to Jack Tomkins of the Wilshire. The staff extends its thanks to Bob for holding on to this job and for keeping us well posted. Welcome to Tomkins who is recently from U.C.L.A.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
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Clifton W. Johnson	President
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Harold Rader	Secretary-Treasurer
Wm. P. Winham	Past-President

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1060, 417 South Hill Street, Los Angeles 13.

Editor:	Stanley Siegfus
Assistant Editors:	John Loofbourow James Benzley

Department Editors:	
Activities and Cartoonist:	Harold H. Sullwold
Personal Items:	Don Davis
Selected Bibliography:	Jack Tomkins
Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next Deadline August 9th

PERSONAL ITEMS

Glad to see A. T. (Ted) Lee back at work after a minor operation.

Bill Pemberton is in South America looking for that tarpon that got away from Jim Dorrance.

Clive Mendelsohn has left the Rothschild Oil Company to re-enter the consulting racket. Phone: Arizona 3-7464.

Art Huey's boy is now drilling for oil in a vacant lot in Bixby Hills, but is having water troubles. Hope he's filed his notice with the Division of Oil & Gas!

The new offices of the Union Oil Company in Bakersfield are now open for business. The boys have so much privacy now that they get lonely!! Visitors welcome.

There are more Cadillacs per capita wandering around the Placerita-Newhall area than any other place in the State. Counted ten of same in two hours one day!

Ike Holston has received a temporary reprieve and is in San Francisco explaining his expense account! He returned from the Dakotas and Canada the other day.

The Munger Oilgram is now being published at 5865 West Boulevard, Los Angeles 43, just south of Slauson Blvd.

Ralph Arnold recently returned from Dragon & Rainbow, Utah, where he was examining the large gilsonite deposits again. He wrote his first report on this area in 1915. Wonder what the price-per-barrel is?

Hampton Smith is now in the Havenstrite Building at Suite 610, 811 W Seventh Street, Los Angeles 14. Phone: TU 9975.

Brad Adams and Dean Sheldon are now head-quartering at Room 203, 903 Fair Oaks Avenue, South Pasadena. Phone: Pyramid 1-1760.

Since the geologists' golf tournament, Bill Winham has sharpened up his game in anticipation of the California amateur at Monterey this fall and shot a 77 at Oakmont on the Fourth of July. Here is wishing him luck with state amateur.

Now comes the list of new offspring -- Received the following telegram: "NUMBER THREE COMPLETED 1:15 A.M. JUNE 12 FOR 8 LBS., 15 1/2 OZ NETO USUAL CUT TO FOLLOW. STOP. OPERATOR SOUND. STOP. GEOLOGIST WEARY. BEST REGARDS, LOWELL REDWINE."

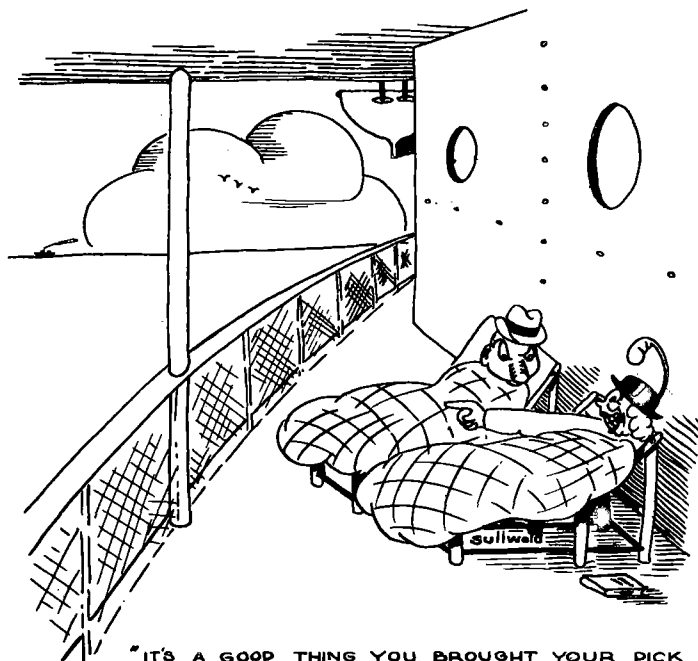
The Sam Stewarts crashed through with a baby girl who will enter UCLA in 1967 as Meredith Elaine.

William A. Greenwalt, III was presented to his pappy on July 2, 1949, after holding out for three weeks.

These Texans never do things half-way! C. J. DeLancy scurried back to Houston to be married, then hurried to New Orleans for a honeymoon, then quick to Detroit for a new car, then back to California in same.

Speaking of Houston, John Anderson, of the Humble, Ed McDowd of the Shell and Don Davis of Union Oil, journeyed to Houston last month to attend the Annual Convention of the National Oil Scouts & Landmen. The get-together was held at the Shamrock Hotel where over 500 gathered to attend the meetings.

THE PLEASURE CRUISE



The Shell Oil Company, Inc. recently hired Frank A. Della-rose from Stanford and Robert W. Baker from the University of Redlands. Both are in Ventura right now. Incidentally, Don Greenlee is back in Ventura after a year in Long Beach for the Shell Oil Company.

The Independent Exploration Co. has hired a Stanford grad by the name of James O'Neill. Roy Turner came to the Independent from the Tide Water Associated several months ago.

Not to be outdone, The Texas Company hired Fred Nicolai just out of Cal Tech.

Ed Wolf has joined forces with the Superior Oil Company in Paso Robles where he will work with Bill Kennett.

Orrin Gilbert, of Standard Oil Company will bring home his newborn son, Master Laird Clarke, so his wife can direct his household activities.

Last month this column, by mistake, showed Donuil Hillis with the Capital Company in Hobbs, New Mexico. This should be Fullerton Oil Company.

Hugh McClellan, past editor of this periodical, spent his vacation recently at Klamath Falls, Oregon and around the Eel River in Northern California, but reports the fishing was not so good.

Bob Atwill is just back from Cimarron, New Mexico, where he spent two weeks at a large ranch. Seems the Boy Scouts run the ranch and Bob acted as counselor and instructor. Took the whole family along.

Now for a rather imposing list of new men who have recently joined the exploration departments of many California oil companies.

The Standard Oil Company has added four men to its Los Angeles staff. They are Carl Helms, Jr. of UCLA and Robert Brace of the Colorado School of Mines as geologists. Richard L. Jones from Syracuse University and Robert R. Knapp of UCLA were hired as paleontologists.

The Amerada Petroleum Corp. has doubled its exploration staff with John C. Manning from Stanford, Donald R. Olsen from Utah State, and Nat W. Charnley of UCLA. Did you know that Jim Benzley went to Utah State?

The General Petroleum Corp., needing a new oil field in order to pay the rent, has added three men to their staff. Bill Whitley from Stanford and Allan Richardson will work in Bakersfield and Dan Flynn of UCLA will work in the Los Angeles Basin.

A.I.M.E. DISCUSSES CLAYS

The Industrial Minerals Division of the Southern California Section of A.I.M.E. held its spring meeting June 1 at U.S.C.

The meeting consisted of an informal panel discussion on the general subject "Clay". Dr. Ian Campbell of Cal Tech was Chairman, with a panel consisting of Dr. Alvin D. Ayers, U.S.D.A.; Dr. M. N. Bramlette, U.C.L.A.; Charles W. Dougan of Gladding, McBean & Company; Walter B. Hester, Baroid; Dr. Paul Nahin, Union Oil Company; and J. Clark Sutherland, Pacific Clay Products Company.

The definition of clay received considerable debate due to the lack of agreement on whether size of grain should be included, or whether the mineral constituency was the only basis of distinction.

Bentonite is considered to be derived from volcanic ash due to deep-seated alteration, thus being neither residual nor sedimentary. Hard water causes more swelling in bentonite than distilled water, although certain bentonites do not swell. In general, finer grains swell greater than large, but with numerous exceptions.

Clay probably occurs more often in oil sand as recognizable grains rather than as a film on sand grains.

A lively discussion centered on methods of separating clay minerals, with electrolysis, flotation, centrifuging and others being mentioned. Present methods of identification involve the use of X-ray techniques, study of dehydration curves and spectrography.

The gathering was attended by 87 members and guests who enthusiastically endorsed this type of meeting, many remaining beyond the conclusion to carry on further discussion.

OREGON GEOLOGY

The editor's office regularly receives the State of Oregon's Department of Geology & Mineral Industries monthly paper, the "ORE-BIN", and some comments seem in order on it.

The January, 1949 number marks the tenth birthday of the publication, which has carried geological and mining notes as well as general news in its pages. It now claims circulation in forty two states, Hawaii, Alaska, Canada, South America, England, the Netherlands, Japan, Africa, France and Australia.

Principal theme of the anniversary issue is a review of the Department's work from its creation by the 1937 Legislature up to the present time. One of the early duties of the Department was the grubstaking of qualified prospectors, a practice now discontinued.



"IS THAT WHAT YOU'RE LOOKING FOR OVER THERE, DADDY?"

In a bill passed and becoming effective July 16, 1949, the Department assumes responsibility for supervising oil well drilling, with functions similar to the D.O.G. in California.

During the twelve year span of its existence, the Department has published thirty nine Bulletins, seventeen Short Papers, and ten Geologic Maps. The maps cover the following quadrangles: Wallowa Lake, Medford, Round Mountain, Butte Falls, Grant's Pass, Sumpter, Portland, Coos Bay, St. Helen's, Dallas and Valsetz, and the newly published Bulletin No. 40, which discusses the geology of the Kerby Quadrangle. Many of the maps are published as a part of a Bulletin discussing the geology. Of possible interest to petroleum geologists with an eye on Oregon is Bulletin 36, issued in 1947: "Five papers on foraminifera from the Tertiary of Western Oregon", by J. A. Cushman, R. E. Stewart, and K. C. Stewart. Bulletin 5, now out of print, discussed the oil and gas possibilities of the Clarno Basin. A complete list of publications can be obtained by writing:

State of Oregon
Department of Geology and Mineral Industries
702 Woodlark Building
Portland 5, Oregon.

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CALENDAR

July 18, 1949, Monday, 7:00 P.M., A. A. P. G.,
Pacific Section, Geological Forum, Auditorium,
Edison Building, 601 W. 5th.

August 9-13, 1949, Powder River Basin, Wyoming,
Field Trip. Headquarters in Casper, Wyoming.

NOTICE: No luncheon meetings or lectures are
scheduled for July.

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Fred R. Neumann
1237 Citrus
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California

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

August 1949

No. 8

ATWILL DOES GOOD DEED FOR BOY SCOUTS

ASSOCIATION ACTIVITIES

OLDEST HORSES AND LATEST PLANES

TOPICS AT FORUM

Two papers discussing topics at opposite sides of the periphery of the geological field - from fundamental vertebrate paleontology to the latest geophysical technique - were presented at the last Pacific Section Geological Forum at the Edison Building Auditorium on July 18.

Wilbur Rankin, chairman of the meeting, first introduced John Lance, who received his Ph.D. at Cal-Tech this June and has been organizing a geology department at Whittier College for the past year. He spoke on "Evolution of the Horse from Northern Mexico." It seems that Cal-Tech has found a very nice vertebrate locality there, and Lance is able to correlate the horse remains there with those in Texas and Florida. He said that the fauna indicates that the horse and zebra were different as far back as early Pliocene. He showed the development of the horse in slides, chiefly on the basis of teeth.

H. Wayne Hoylman, Fairchild Aerial Survey, then gave general comments on observation and interpretation of aeromagnetic data. He discussed field techniques such as chain-stitch flying, surveying location of plane, etc. followed by comments on interpretation of data. Results are presented in the form of an aeromagnetic contour map and a second derivative map computed mathematically to focus attention on the sought-for anomalies.

He said the chief use for the airborne magnetometer is to detect basement topography. Distortion due to shallow near-surface anomalies, often troublesome in surface magnetometer work, is eliminated, he said. He showed slides of areas magnetically surveyed by both methods and quoted the cost of domestic aeromagnetic work at from 2½ to 3½ cents per acre. Prior to going with Fairchild, Hoylman was with Gulf Research and Development in Pittsburg for 18 years.

KRYNINE AND BODE WILL SPEAK NEXT

Paul D. Krynine, of Pennsylvania State College, was enticed by Jim Dorrance to revise his scheduled trip through the West in order to speak at the next forum. His topic will be "Origin of the Red Beds." Krynine, widely known authority on sedimentation, should more properly be classified as a distinguished lecturer, so his surprise appearance is in the form of a special treat.

Francis D. Bode, Texas Company, will speak on "Observations of the Geology of Ethiopia." Robert E. Anderson, Signal, is chairman of the meeting which will be at 7 P.M. in the Gee Pee auditorium, 612 South Flower, Monday evening, August 15.

Bob Atwill, assistant chief geologist of the Union Oil Company, recently returned with his family from a two-week sojourn in the Rocky Mountains where he laid out several geological nature hikes for the scouts at the Philmont Scout Ranch.

The ranch includes 130,000 acres on the east flank of the Sangre de Cristo Mountains near Cimarron, New Mexico. It is completely equipped with luxurious headquarters, six base camps, numerous outcamps, hundreds of horses and burros, and all the equipment a scout could ask for. The entire property was donated to the Boy Scouts of America in 1941 by Waite Phillips (Phillips Petroleum Company) along with the 20-story Philtower Building in Tulsa. Income from the latter serves to keep the ranch in operation.

This gift, though not widely publicized, is acclaimed by those familiar with it to be one of the finest deeds they could imagine.

Camping is confined to Senior Scouts due to the ruggedness of the program and terrain. Four two-week periods are maintained during the summer with scouts coming from all over the U.S.A. They specialize in certain subjects according to their bent such as wild game management, forestry, or geology. It falls to the lot of the A.A.P.G. Boy Scout Literature committee, headed by Frank Guinn of Duncan, Oklahoma, to select instructors for the geology program and to pay the expenses of an instructor with his family for each of the four periods. Bob Atwill was fortunate to be selected as one of the four this year. He and his family spent a very enjoyable expense-free vacation and at the same time did a large-size good deed for the Boy Scouts.

PETROLEUM CLUB OPENS

125 top-ranking oil men gathered in Room 3333 of the Biltmore on August 4 to inaugurate the club rooms of the newly organized Petroleum Club of Los Angeles. The opening day, while lacking a formal celebration, was very gay and festive.

Among those seen celebrating their newly elevated social positions were geologists Bartosh, Morgan, Eckis, Atwill, Salvatori, Matter, Parker, Grinsfelder, Taylor, McMillan, Bowlby, Stolz, Ledingham, Godde, Blodgett, Willis, Sumpf, Matjasic, Wentz and Osborne.

Officers of the new club are R. Paul Huggins, Henry Salvatori, Stan Williams and Howard Pyle. Resident membership, 335 with about 30% geologists, is now closed due to lack of space in the club rooms. Quarters consist of dining room, lounge, three game rooms, and ladies powder room. Ladies are admitted after 4:30 P.M. Comfortable accommodations for 100 are provided. The committee in charge of rebuilding and redecorating the rooms consisted of three geologists: Henry Salvatori, Rollin Eckis, and E. F. Davis. Dick Sneddon is manager of the club.

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San Francisco Representative:	Earl Dillon

Next Deadline September 6th

PERSONAL ITEMS

Rollin Eckis recently toured the Point Barrow holdings belonging to Uncle Sam. In his honor, a new gas discovery was brought in. Maybe the Guyana is contagious!

Don Greenlee is back in Ventura again after only a short stay in the Long Beach offices of the Shell Oil Company.

Whatever happened to Homer Steiny's sailor straw this year?

Bob Herron recently vacationed in California only to find that there are no more fish in Lake Arrowhead. So he took his fishing tackle back to Amarillo!

Bill Buckley is now working with Dick Haines in Ventura.

Ike Holston is with us again in Los Angeles. Doesn't miss Canada or the middle-west too much!!

Did you know that Irv Frazier of The Texas Company gets FOUR weeks vacation?

Good to see "Fuzzy" Randall, Union's chief core grabber, back again after an operation which kept him down for a couple of weeks.

Tom Bibb is slated to become resident geologist for The Texas Company at their Santa Paula office. He's ready to settle for a furnished cave.

When Gene Moser's wife left town for a few days, she also left a complete menu for every meal--and if you think he didn't eat just that, ask him!!

Jim Hammill, Texas Company bug-man, missed out on 27,000 clams when he was unable to "Stop the Music". A man could almost afford to take a vacation on that much dough!

What's this about Bill Merrill living in a nice cool beach-house for the summer while the Ojai valley is too warm?

Speaking of beaches and stuff-like-that-there, Irv Schwade was about to sue the U.S. Government for selling him a limp life-raft. Then he discovered he just didn't have enough air in the darned thing.

L. T. "Bud" O'Bert has returned to the Amerada offices with a Utah tan.

Harvey Lee buzzed through town a few weeks ago long enough to visit for two days. He should be back in a few more weeks.

F. A. "Art" Graser is now doing consulting work from 421 Oak Lane in San Gabriel, phone: Atlantic 28600.

J. A. McDonald is now working with E. A. Parkford at 662 Subway Terminal Bldg.

"Bill" Lewis spent two hot weeks in Washington, D. C. for his annual refresher at the Air Combat Information Center.

Harry Stoltz turned down a temporary Navy assignment--mostly because it was for eight months plus. The plus was what had him worried!

The Jimmie Andersons have made certain that they have no more memories of the lowlands of Louisiana by purchasing a home in Alta Canada--near Milt Lewis, incidentally.

Carroll Wagner spent the best part of a month touring the Rockies and Canada. Must have been business, otherwise why would he leave an office like that one of his!!

Harold Hoots managed to combine business with pleasure on a sojourn to Canada.

Warren Hunt is now with the Denton-Spencer Co., Ltd., Lancaster Bldg., Calgary. He is doing geological work in Edmonton where, he says, many opportunities await young geologists.

Bill Murphy, professional scout, recently returned from Canada. He states that the Hotel Palliser in Calgary looks like the El Tejon Hotel in Bakersfield. He saw Ed Foss, of Barnsdall, who was filling in for Gene Powell while the latter vacationed here, George Knox of Standard, Walt Heathman of Union Oil, Phil Gaby of Standard, Glen Bowes of Hudson Bay Oil Co. and many others.

Dave Hobson of the G.P. was wondering just what happened on July 19, when an automobile backfire caused a sweet young thing to gasp and throw herself into his arms. Was it fatal charm or was he smoking Sir Walter Raleigh??

Henry Clark, General Petroleum, was elected chairman for the ensuing six months of the Central California Scout Assn., Dan Sullivan, Continental Oil Company, Secretary-Treasurer, and Ralph Brodek, Western Gulf Oil Company, chairman of the Executive Board.

Sam Watson of The Texas Company in Bakersfield was last seen passing out cigars with a blue band!

Rod Cross, Jr. arrived in good shape a few weeks ago and Rod Cross, Sr. is mighty pleased.

Earl Noble and Glen Gariepy are currently taking a Cook's tour of Cook's Inlet, Alaska, to visit the field parties of Johnny Hazzard, Gene Vallat, Gene Borax and Dick Shelton. Too many cooks??

Ray "The Pipe" Darke retired on July 1. Roy was with Standard for thirty years and is well known in geological circles. He is planning to do ground water consulting in the San Joaquin Valley.

Dan Nolan has been transferred to Los Angeles from the Bakersfield offices of the Capital Company.

Steve Rock of the D.O.G. office in Los Angeles, took six weeks and toured the United States to the tune of 10,000 miles or so. His picture taking was terrific--but consult him before using a polaroid lens with color film!

Standard Oil has taken to importing geologists into the Salinas. Lionel Slavin from Canada and Paul Bailey from France are doing summer work there.

Louis Knox of the Peters Logging Service Co. is the proud papa of another boy.

Captain Victor H. Wilhelm, USNR, pioneer oil engineer in the West and California Inspector of Naval Petroleum Reserves since 1944, died after an illness of several months. Wilhelm was graduated from Stanford University in 1907 and for a number of years was associated with oil development projects in all of the Western states and in Mexico, Canada and Alaska. While in Alaska, he laid out the town of Anchorage. Captain Wilhelm formerly served as deputy supervisor with the State Division of Oil & Gas, then known as the California Mining Bureau. He later became chief petroleum engineer for the old Petroleum Midway and California Petroleum Companies, continuing in that capacity when the two companies were merged with The Texas Company.

Bill Emerson has joined the geological staff of the Wilshire Oil Co. to work with Leo Moir at Santa Paula. Bill is another UCLA boy.

Those geologists stranded in the Salinas Valley by 44¢ oil, have banded together into a rather well-knit organization known as the Salinas Valley Rockhound Society with a women's Auxiliary--no less. Anyhow, when food was served, thirty-seven adults and fifteen children showed up and the first gathering was a success. Quentin Moore did the cooking.

COLLEGIATE SUMMER CAMPS

CALIFORNIA INSTITUTE OF TECHNOLOGY

A century ago emigrants to California were fearful of the trip through the Indian country in New Mexico and Arizona. This summer the situation was reversed; some of the native Indians in northwestern New Mexico were fearful of visitors from California. For six weeks during June and July the Zuni Mountains were invaded by a thirty-man band from Caltech. The newspaper of Gallup, New Mexico, reported on July 8 the following story: "Indians in the Zuni Mountain area told authorities that they had been chased by half naked, bearded, desperate men, who were living in the hills near Borrego Pass. The County Sheriff and his squad, armed for the worst, investigated to find nothing but a group of geologists mapping the area, albeit they were tanned, most of them stripped to the waist and many bearded". The incident that caused the turmoil was later figured out to be as follows: One of the field parties, working along a cliff high above a road, noticed an Indian family coming up the road in a buggy. None of the party had a watch, so they decided one of them should ask the Indians for the time.

For the past two years camp has been held in the Zuni Mountains in northwestern New Mexico in collaboration with the New Mexico School of Mines. This year's student roster numbered 33 men, 24 of them from Caltech and 9 from the New Mexico School of Mines. Supervision was furnished by a 5-man staff, consisting of the co-directors of camp, Dr. Stewart Jones of the New Mexico School of Mines, and Lloyd Pray of Caltech, and three graduate field assistants, Charles Allen, W. Porter Irwin, and Robert Nelson, all of Caltech. A hired cook was unanimously acclaimed the most essential man in camp.

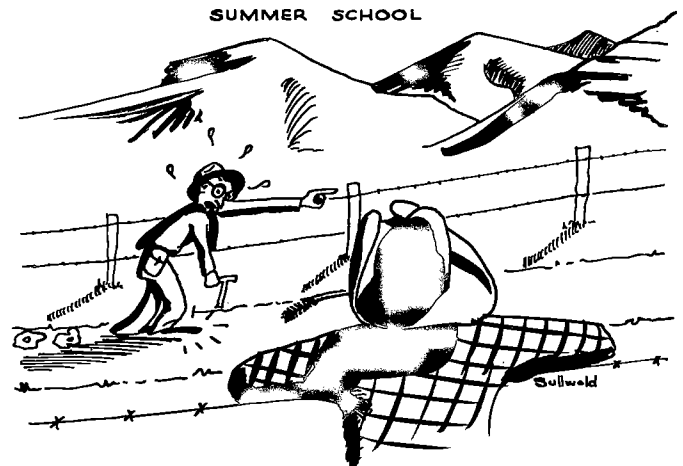
The area mapped this summer is on the northern flank of the Zuni uplift at the southeastern edge of the Colorado Plateau Province. Erosion of the Zuni dome has exposed rocks ranging in age from pre-Cambrian of the central core to those of Early Tertiary age in the San Juan Basin on the north. The basement complex consists largely of meta-rhyolite and later intrusive granite. The sedimentary sequence includes rocks of both Paleozoic and Mesozoic eras. The Pennsylvanian and Permian rocks are most closely related to those cropping out over much of New Mexico, the back-reef deposits of the Permian Basin. The Mesozoic sequence is closely related to that found over much of the Colorado Plateau. The geological problems in the area are largely stratigraphic, complementing the

more rigorous structural training afforded the students by their Coast Range mapping experience. The sedimentary section contains beds of many depositional environments, both marine and non-marine, the latter including water-laid and aeolian formations.

The summer field program consists of 4 weeks of field mapping, a 1-week field trip, and a final week devoted to completion of reports. The field trip is designed to supply the regional picture of the geology after the mapping has been completed within the local area. This summer the group traveled about 1100 miles. The farthest point reached from camp was Carlsbad, New Mexico. Two days were devoted to seeing Permian basin geology. The Carlsbad Caverns were visited the first day. In addition to the regular tourist trip through the Caverns, the group spent the afternoon with the Park Naturalist, examining the rarely visited lower caverns. Bones of the Pleistocene ground sloth *Nothrotherium* were recently discovered in stream-laid silts at this level, thus establishing a Pleistocene or earlier age for the major solution activity at Carlsbad. On one return trip the fine Paleozoic section of the Sacramento Mountains, and the White Sands National Monument were visited.

* * *

Lloyd C. Pray will join the faculty during the coming year. He has been a Pre-doctoral Fellow of the National Research Council and will join the faculty as an instructor in field geology and sedimentation. His doctoral thesis, now in process, is the Stratigraphy of the Sacramento Mountains in New Mexico. Genial Bill Geis, consulting geologist of Los Angeles, joins the faculty during the coming year as part time lecturer in petroleum geology.



UNIVERSITY OF CALIFORNIA BERKELEY

Prof. N. L. Taliaferro once again headed the summer field camp in the Mother Lode area. His assistants were J. B. LaFevre and Eric C. Jacobsen, with 41 students mapping projects within the Sutter Creek quadrangle. The group studied the relationship of the Ione formation to the Mariposa slates in addition to the structural problems of the slates. An addition to the department next year will be Dr. William H. Mathews, a recent doctorate in the department who is at present with the Canadian Geological Survey in British Columbia. Prof. Carlton Hulin will be on leave of absence during the year 1949-50. Prof. Andrew C. Lawson maintains an active schedule, which includes conferences at his office in Bacon Hall each day.

(The review of Summer Camp activities will be continued in next months issue.)

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* Other Articles of Special Interest

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 pp. 46-49

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Vol. 3, No. 8

CALENDAR

August 11, 1949, Thursday, 6:30 p.m., A.I.M.E.,
 Junior Petroleum Group, Rio Hondo, Country
 Club, Downey.

August 15, 1949, Monday, 7:00 p.m., A.A.P.G.,
 Pacific Section Geological Forum, General
 Petroleum Auditorium.

September 5, 1949, Monday, A.P.I. Coastal Chapter.

September 20, 1949, Tuesday, A.P.I. San Joaquin
 Valley Chapter.

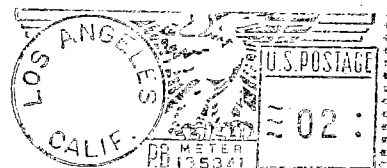
September 21, 1949, Wednesday, A.P.I. Coalinga-
 Kettleman Chapter.

DWIGHT H. FORTINE

The many friends of Dwight H. Fortine experienced a great loss in his untimely passing on August 3, 1949 at Behrens Memorial Hospital, Glendale. His death, which occurred after a long illness, came at the age of 44, and closely followed the death of his wife, Alice, who had passed away only two days earlier.

Dwight Fortine attended Stanford University and received his A.B. degree in Geology and Mining from that institution in 1926. In 1927 and 1928 he was employed by the Miley Exploration Company in California, after which he spent three years in Venezuela, where he served as Exploration Geologist for the Caribbean Petroleum Company. In 1931 he returned to California and entered the employ of the Barnsdall Oil Company, for whom he worked continuously for over seventeen years. On February 1, 1948, Dwight was appointed Chief Geologist for the California Division of the Barnsdall Oil Company, the position which he held at the time of his death.

It is indeed tragic that a man of such warm and human qualities should be taken from his family and friends while in the midst of a life in which he was greatly loved and respected.



Fred R. Neumann
 1237 Citrus
 Chico
 California

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

September 1949

No. 9

ASSOCIATION ACTIVITIES

CONVENTION NEWS

THE TWENTY-SIXTH JOINT ANNUAL FALL MEETING OF THE PACIFIC SECTION

A.A.P.G. - S.E.G. - S.E.P.M.

AMBASSADOR HOTEL, LOS ANGELES

THURSDAY AND FRIDAY
NOVEMBER 17 & 18, 1949

A splendid group of papers are being arranged for the Annual Fall Meeting that will be of great interest to all Pacific Coast geologists, geophysicists and paleontologists. In addition there will be some excellent papers on other regions. Our program chairman, Loyde Metzner, is doing a wonderful job. Once more we will have the comfortable Ambassador Theatre for this excellent series of papers. The large Embassy Room, which is being completely redecorated, will be provided for the formal dinner dance.

More complete details will be mailed later to all A.A.P.G., S.E.G., and S.E.P.M. members.

Of immediate importance to those planning to attend from out of town are hotel reservations. No reservation cards will be sent you. You must write directly to the hotel for your reservations--and don't forget to mention in the letter that you are attending the A.A.P.G. convention. Rates at the Ambassador are:

Single room with bath	\$7.00	and up
Double room with bath	\$10.00	" "
Connecting rooms with bath,		
3 persons	\$15.00	" "
Connecting rooms with bath,		
4 persons	\$20.00	" "

Many are making plans to attend the formal dinner-dance Friday night, November 18, 1949. Organize your table groups now. Reservation cards will be sent to you shortly. Have one of your party be responsible for your table, collect the fees and turn them in to the dinner-dance chairman, Johnny Loofbouroow, along with the names of each individual in your party.

The A.A.P.G. luncheon will be held Thursday, November 17, in the Embassy Room.

The S.E.G. will have their program on Thursday and their luncheon on Friday, both in the Colonial Room.

The S.E.P.M. will hold their usual dinner meeting on Thursday night in the Gold Room.

Many of those coming to the convention will want to stay over Saturday for the S.C.-U.C.L.A. football game at the Coliseum.

ETHIOPIA AND RED BEDS DISCUSSED

Excellent summaries of the geology of Ethiopia and the origin of Red Beds were presented by Francis D. Bode and Paul D. Krynine at the last Geological Forum on August 15 in the General Petroleum auditorium.

Bode said Ethiopia is split in two by the Great Rift dividing the Archean and igneous high country on the north from the Somaliland Plateau on the south. The latter is underlain by very gently dipping sediments of Triassic, Jurassic, Cretaceous, Eocene, and Oligocene age. The only folding he saw were pseudo-folds due to volume-changes accompanying the change of anhydrite to gypsum. His talk was centered around a colored geologic map and embellished with numerous black and white slides of geological features and Somaliland scenes. He was fortunate in that no one in the audience was in a position to challenge him on a technical point.

Krynine's subject, "Origin of the Red Beds", covered a commonplace, yet poorly understood subject. He said the red color is due to the presence of hematite or turgite. Red beds can be formed in many ways, but the most common is preservation of red soils. The latter form when the following conditions prevail:

1. Well drained area above water table.
2. Temperature of 60° F. or above.
3. Average annual rainfall in excess of 40 inches where the subsoil is silicate and in excess of 25 inches where the subsoil is carbonate. The latter point refutes the commonly held notion that red beds are a result of desert conditions. Retention of the red color depends upon whether oxidizing or reducing conditions prevail during transportation of the red soil. Physiography is the control. Under water in the presence of carbon, ferric oxide (red) is reduced to ferrous oxide, whereas above water in the presence of carbon the red ferric oxide remains stable. Numerous interesting explanations were given for alternating red and non-red beds, green beds, and other mixtures.

Professor Krynine was less fortunate than Dr. Bode in this respect. He was talking about a subject with which everyone was more or less familiar, and as a result he had to contend with numerous questioners and hecklers. Ringleader of the hecklers was U.C.L.A.'s Dr. Bramlette, who led his gang into several hot skirmishes, but finally withdrew with a defiantly dignified twirl of his mustache.

NEXT FORUM ANNOUNCED

Dave Riveroll of the Texas Company is chairman of the meeting at 7 P.M., Monday, September 19, in the Edison Building, with papers to be presented by Walter Abel, "Geological Reports - Fact or Fiction"; Paul Casamajor, "Some Aspects of Aerial Photography"; and Frank Parker, who will report on the Powder River Basin field conference, illustrated with colored slides.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

Clifton W. Johnson	President
John Kilkenny	Vice-President
Harold Rader	Secretary-Treasurer
Wm. P. Winham	Past-President

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1060, 417 South Hill Street, Los Angeles 13.

Editor:	Stanley Siegfus
Assistant Editors:	John Loofbourrow James Benzley
Department Editors:	
Activities and Cartoonist:	Harold H. Sullwold
Personal Items:	Don Davis
Selected Bibliography:	Jack Tomkins
Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next Deadline October 4th

AT SUMMER'S END

All roads were leading back to the office as geologists returned from happy carefree vacations to buckle down to the serious business of finding more oil in the industry's scramble to bolster reserves and ward off efforts of various government groups to gain control. All the vacations were not gay, however. President Cliff Johnson was involved in a paint job on his home, and Editor Stan Siegfus suffered painfully from a bad sunburn.

Friends began to notice a certain urgency in Wallace Matjasic's manner as summer ended and date for the Pacific Section fall meeting drew near (see page 1). Bob White and Committee's ambitious and valuable project of constructing cross-sections through all the California basins was gaining momentum. Program Chairman H. J. Buddenhagen's vacation turned out to be a long visit to Washington (up north, that is) for Shell where he is opening an office. Only Association activities maintained during the summer were the Geological Forum and the Pacific Petroleum Geologist.

With vacation time over except for a few stragglers who want to get the benefit of reduced rates at Balboa (and whose wives object to the summertime cuties) the Pacific Section opened its fall season this week with a luncheon meeting at the Clark Hotel. Object of the meeting was to discuss new membership rules, the fall meeting, and renew friendships grown rusty during the summer.

PERSONAL ITEMS

J. T. "Jack" Llewellyn, another Uclan, is now with the Wilshire Oil Company in the Santa Paula office. Leo Moir will soon be forced to expand his upstairs out-of-the-high-rent-district office.

Incidentally, the Union Oil Company is planning a museum of old oil field supplies and equipment which will be located at Santa Paula. Anyone wishing to contribute to this venture can do so by calling or writing C. Haines Finnell at the Union Oil Company offices in Los Angeles.

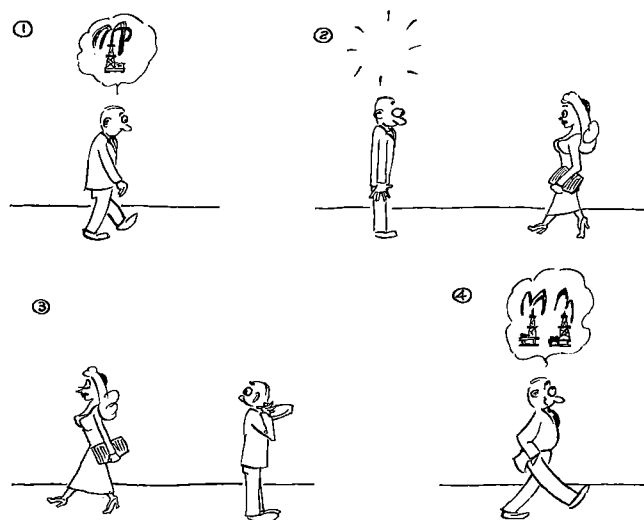
Al Kerr is leaving the Ohio Oil Company in Bakersfield to teach petroleum sciences at Long Beach Junior College.

J. L. Chase recently returned from South Texas in the Panoche Valley country. Found the weather nice although the natives were dropping like flies. That should start some arguments.

Mort D'Evelyn is now a three time loser. Another boy born August 3rd to supplement a boy and a girl.

The Alaska Expeditionary Forces of the Union Oil Company and the Ohio Oil Company are now in Los Angeles. Dick Shelton and Gene Vallat of the Ohio, both first year men, report that Alaska is beautiful country to fly over. John Hazzard, a three year man, and Gene Borax, a two year man, are not saying one way or the other.

J. T. "Jim" Wood, Jr. is headed for the executive offices of The Texas Company as assistant to the president. He's been a Californian for a good many years and will be missed.



ANDY CLINE

BY SULLWOLD

Otto Hackel of the Independent Exploration Company is sporting a brand-new daughter.

Frank Bell is slated for a post in the Texas division of the Shell Oil Company. He will be replaced by W. E. McKittrick from Sacramento.

Charles C. Bishop is now in The Texas Company geological offices in Bakersfield after working in their geophysical department for several months.

Jim LaFevers has been added to the geological staff of the Shell Oil Company in Ventura.

Joe Hathaway, Jr. arrived on the scene a few days ago. Joe, Sr. was twiddling his thumbs for two weeks after the "due date" and was almost ready to give up when it finally happened.

Fred Nicolai is now headquartering in Santa Barbara for The Texas Company.

Eric Jacobsen, Berkeley 1949, is working in the Los Angeles offices of the Standard Oil Co.

Very glad to learn that Pat Patterson, of the Shell in Bakersfield, is up and around after a serious brain operation. He'll be out for several more months.

Paul Huggins, of the Western Gulf, is now a Harvard man. He is taking some courses in executive management there.

The A. E. Bell Corp. actually declared a holiday for all employees when they brought in a well at South Cuyama.

Bill Booth, of the Bakersfield Booths, now has a complete girls' basketball team with the arrival of twin girls.

Canada is calling!! Claude Leach is now touring the area in the best interests of the Tide Water. Vince Vandiver, of the Seaboard, has returned to see the things he didn't last time.

J. Q. Anderson recently broke his ankle while playing handball--he says!!??

Gene Vallat is considering a transfer to Canada for the Ohio Oil Company.

Al Vitt of Seaboard Oil Co. is making a quick trip to Casper, Wyoming preparatory to taking an assignment as Rocky Mountain district geologist.

COLLEGIATE SUMMER CAMPS

UNIVERSITY OF CALIFORNIA AT LOS ANGELES

The summer field camp of six weeks' duration was held at Cortez, Nevada, in the vicinity of Elko. The work involved the areal mapping of the Cortez quadrangle. This area is one of considerable complexity, involving Paleozoic rocks from Cambrian to Pennsylvanian (?): Mesozoic intrusives, Tertiary volcanics, sedimentary rocks, and a complex Quaternary series of lake sediments, and conglomerates. Thrust faulting involves the Paleozoic rocks, and excellent example of Basin and Range structure occur. The course was under the faculty supervision of Profs. Gilluly, Crowell, and Nelson, with 47 students enrolled in the course. It is rumored that the high point of the field course was Tenabo Day, the Cortez equivalent of 4th of July, at which time independence was celebrated in typical frontier fashion. Additional staff members for the coming year are Associate Prof. Gordon A. Macdonald, formerly of U.S.G.S. and University of Southern California, and instructor Donald Carlisle, from the University of Wisconsin. Takeo Suzuki has been appointed curator of paleontology. Instruction in geophysics will begin in a formal way under Profs. Louis B. Slichter and Davis T. Griggs. Prof. Griggs' laboratory of experimental geology is now in operation with Dr. John W. Handin as Research Associate.

The plans for the long awaited geology building are essentially complete, and it is expected that ground will be broken before the end of the current year. Construction is expected to require 18 months, with actual occupancy planned for some time during 1951.

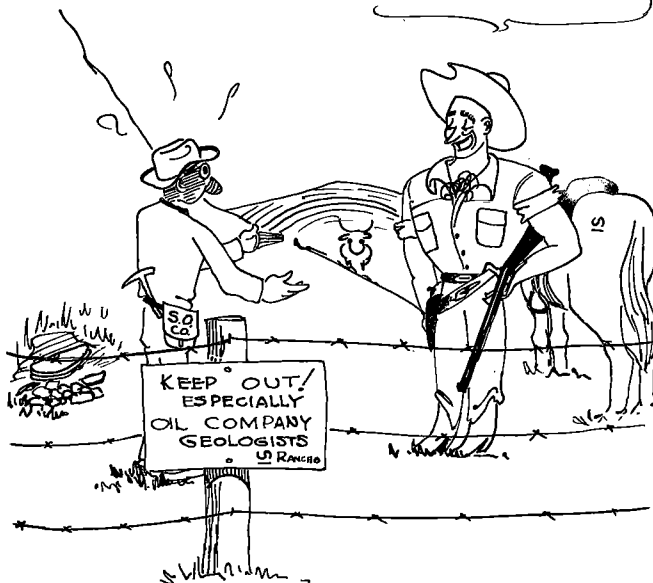
POMONA COLLEGE

The summer field geological course was held in the Garden Valley quadrangle of Central Nevada, under the direction of Professor John Shelton. The principal interests in the area studied are in the Paleozoic stratigraphy and complicated structure. This region gives exposure of the folds and thrust faults in a region where the best known previous work is by Prof. Charles Merriam, of Cal Tech, and Dr. C. A. Anderson, Pomona '24, now a member of the U.S. Geological Survey in Arizona. Next year Pomona expects to have 6 senior majors and about 25 undergraduate majors. James Richmond expects during the coming year to do a M.A. thesis on Burruel Ridge, in the northwest portion of the Santa Ana Mountains, giving special attention to subsurface correlations with prospect wells drilled in that vicinity. The Graduate Assistant, in the department for the coming year will be John Forman, '49. He is doing a M.A. thesis based on field work from the Garden Valley quadrangle.

UNIVERSITY OF SOUTHERN CALIFORNIA

The summer field camp was based at the U.S.C. College of Aeronautics, Hancock Field, Santa Maria. During the early part of the session, the group was given a guided field tour of certain portions of the Cuyama Valley by Mason Hill, Richfield Oil Corporation. At an earlier date, the group had visited the Western Gulf Oil Company test in the Huasna Valley, under the guidance of Gordon Bell and Kenny Robertson. Thirty nine students lived in barracks at Santa Maria and carried on field work along the Cuyama River Gorge, some 25 miles to the east. Their session was of six weeks' duration and covered a portion of the Branch Mountain quadrangle. This summer work was carried on under the supervision of Professors Clements, Easton, and McNaughton. During the coming year there will be faculty changes as follows: Dr. Richard H. Merriam (Pomona College and University of California) is replacing Prof. Macdonald, who will join the faculty at U.C.L.A. Dr. K. O. Emery, assistant professor of geology, has an additional appointment for the coming year as Research Associate in Oceanography, Allan Hancock Foundation. A small group of graduate students is carrying on mapping this summer along the San Andreas rift between Valyermo and San Geronima Pass.

SO YOU'RE A UCLA BOY
DOING A LITTLE RESEARCH
EH? ... WELL, I'M AN SC
MAN MYSELF ...
D'YA WANNA RASSLE?



ANDY CLINE-

STANFORD UNIVERSITY

BY sullwold

The summer field camp was divided into two sessions. The first session of one month's duration was held in Santiago Canyon on a portion of the Irvine Ranch, Santa Ana Mountains, with 34 students in camp under the guidance of Dr. Ben M. Page, Director. His assistants were: Assistant Professor Joseph J. Graham, Assistant Director Frederick R. Kelley, and instructors Charles V. Campbell, Hans P. Shaub, and Ben W. Ryan, Jr. The geologic column under observation on the Irvine Ranch included a section of Upper Cretaceous, Paleocene, Eocene, Oligocene, Miocene, and Quaternary. On July 22, the camp was disbanded and the group moved to Mina, Nevada, for the second session. Mina is an old mining town northwest of Tonopah. The problem in Nevada included mapping of complex structures by use of plane table methods.

(This concludes the series on summer field camp activities. Thank Prexy Cliff Johnson for getting the information.)

BIBLIOGRAPHY OF RECENT PUBLICATIONS

- ** Pacific Coast Geology
- * Other Articles of Special Interest

SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

Amer. Jour. Sci., Vol. 247, No. 8, Aug. 1949
* "Quantitative Areal Geology of the United States", by Donald V. Higgs, pp 575-583

Calif. State Bull. No. 118, 1943
** "Geologic Formations & Economic Development of the Oil & Gas Fields of California", Re-issue, cloth bound \$6.00

Calif. State Division of Mines
** "Geologic Map of the Elsinor Quadrangle", by Dr. Rene Engel, 75¢.

Scientific American, August, 1949
* "Radioactivity & Time" by P. M. Hurley, pp 48-51.

U. S. Geological Survey
Aerial Mosaics of United States,
Index Map, Sept. 1947, free.
Aerial Photography of the United States,
Status map, April 1947, free.
Topographic mapping in United States,
3rd edit., July 1947, free.
Topographic mapping in California,
Index map, Sept. 1948, free.

U. S. Geological Survey
Chart #18 "Columnar Sections of Mesozoic & Paleozoic Rocks in the Mountains of So. Central Montana", Re-issue, 40¢.

Map #2 "Sierra Diablo Region, Hudspeth & Culbertson Counties, Texas",
Re-issue, 40¢.

** Map #27 "Geology of the Bituminous Sandstone deposits near Santa Cruz, Santa Cruz County, Calif.", Re-issue, 60¢.

* Map #31 "Geology & Oil Possibilities at The Northwest End of the Wind River Mountains, Sublette County, Wyo.",
Re-issue, 60¢.

* Map #78 "Geologic map of part of the Eastern San Juan Basin, Rio Arriba County, New Mexico, \$1.00.

Map #84 "Geology of the Worland-Hyattsville Area, Big Horn & Washakie Counties, Wyo.", Re-issue, 20¢.

NOTE: Maps covering areas in States west of Mississippi may be ordered directly from Geological Survey, Denver Federal Center, Denver 15, Colorado.

PACIFIC PETROLEUM GEOLOGIST
PACIFIC SECTION, A.A.P.G.
ROOM 1060
417 SOUTH HILL STREET,
LOS ANGELES, 13, CALIFORNIA.

RETURN POSTAGE GUARANTEED

Vol. 3, No. 9

CALENDAR

September 19, 1949, Monday, 7:00 P.M., A.A.P.G.
Pacific Section, Geological Forum, Edison
Bldg., Auditorium, 601 W. 5th St.,
Los Angeles.

September 20, 1949, Tuesday, 7:45 P.M., A.P.I., San
Joaquin Valley Chapter, 11-C Meeting Hall,
Standard Camp, Taft.

September 21, 1949, Wednesday, 7:00 P.M., A.P.I.,
Coalinga-Kettleman Chapter, Polvadero
Country Club, Barbecue.

September 28, 1949, Wednesday, 12:00 noon,
A.I.M.E., Mining Branch, Occidental Life
Insurance Bldg., Los Angeles. Joint Luncheon
Meeting with Chamber of Commerce.

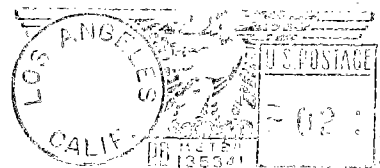
October 6, 1949, Thursday, A.A.P.G., Pacific
Section, Clark Hotel, Los Angeles, Luncheon
Meeting.

October 20 and 21, 1949, Thursday and Friday,
A.I.M.E., All Divisions, Elks' Club, Los
Angeles. Annual Fall Meeting.

OUR LEADER

Everyone might be interested in a miniature biography of some of our oil personnel. The following is the beginning of a series of thumb-nail sketches which will continue if you are in favor of it. Where best to start but with our own Pacific Section officers?

Clifton Wood Johnson, nickname "Crowbar", (which will be explained later) is a geologist for the Richfield Oil Corporation in Los Angeles. He is almost a Californian, having been born in Forest Grove, Oregon, in 1905. Besides, he moved to El Cajon Valley in San Diego County at the age of seven. Graduated from Pomona College with an AB in 1927 and was educated "abroad" in summer session at the University of Mexico. Took graduate work at Berkeley while on a teaching fellowship. Then, as did many others, he started out with the Union Oil Company as a scout during 1929 and 1930. Following this, he did some work for the State Division of Water Resources. He has now been with the Richfield for eleven years. Fell off the vine in 1940 and married Evelyn Ward. They have one son age seven and all reside in San Marino. Cliff has been active in AAPG affairs for many years. Ah, yes--as for the nickname "Crowbar"! Seems that Cliff was in favor of unlocked corehouses during his scouting days and somehow always managed to get information on "no dope" wells.



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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

October 1949

No. 10

ASSOCIATION ACTIVITIES

CONVENTION DATE NEAR

Preparations for the convention, November 17 and 18, are rapidly being completed. General Chairman Wally Matjasic will soon mail out the detailed announcements, including a schedule of papers. He said in a recent interview that the technical program, designed by Loyde Metzner, is unusually full. The A.A.P.G. lunch and the dinner-dance will be partly subsidized by the A.A.P.G. Treasury due to the increased rates prevailing at the Ambassador. Square dancing, suggested at the last luncheon meeting and the subject of heated debate, will not be included in the program. The national president C. W. Tomlinson will be on hand and the national vice-president Theodore A. Link is due to deliver two papers involving Canadian geology. Other papers include the geology on the following areas: West Flank Temblor Hills; San Ardo Field; Cuyama Field; Brooks Range, Alaska; Basement Complex Los Angeles Basin; Placerita Field; North Sulphur Mountain; Vaqueros, Santa Barbara Coast; Santa Rosa Island; Gujarral Hills Field; Eastern Nevada and some papers on tideland problems. Dr. A. I. Levenson will also deliver a paper on "Time of Oil Accumulation."

Anyone who desires accommodations at the Ambassador is requested to make his own reservations stating that he is attending the convention. The hotel will attempt to group A.A.P.G. rooms for the convenience of the geologists as well as of the other hotel guests. There is no hotel committee; everyone is on his own in this respect.

A reminder is also made that nomination of officers for the coming year takes place on the first day. President Cliff Johnson recently stated that he would like to see at least two men nominated for each office. Rumor has it that a local group of civic-minded citizens is grooming a candidate for president. A complete list of past officers is printed in this issue so that likely candidates who have not already served can be chosen.

S.E.P.M. TO EXAMINE TYPE REFUGIAN

The type Refugian on the Hollister Ranch west of Gaviota will be the scene of a field trip sponsored by the S.E.P.M. in the latter part of October, according to Aden Hughes, President of the group.

This field examination is timely inasmuch as it will form a prelude to one of the talks at the S.E.P.M. dinner meeting on the first night of the convention. Title of said paper is "A Comparison of two Refugian Faunal Sequences in the California Coast Ranges," by E. J. Wilson and H. P. Smith. The exact date and other details of the trip had not been completed as we went to press.

FORUM FEATURES FUNNYMEN

Members in attendance at the last Geological Forum on September 17 received a special treat, since two of the scheduled speakers and one surprise speaker turned out to be comedians as well as able masters of their subject matter.

Professor Chester Stock of Cal Tech, the surprise speaker, led off with a summary of recent developments and future plans at Rancho La Brea. This prolific vertebrate fossil locality has been his pet project for years, and the Board of Supervisors has finally entrusted him with a sum of money for improving the site. Present plans call for several buildings housing specimens, geological exhibits, and an underground exhibit of the fossil material in place. Two comfort stations have already been built to accommodate those who go to see the beer cans floating on the tar pits, he said. His special plea at this meeting was for information leading to the construction of a geological cross-section through the park and adjacent country. Anyone having data on wells drilled in the old field would be doing mankind a service to turn it over to Dr. Stock.

A series of side-splitting excerpts from promotional "geological" reports on various oil and mining prospects were presented by Walter D. Abel, Petroleum and Mining Engineer for the State Corporation Commission. Most of them were so fantastic that they defy repetition, and the amazing feature is that they were actually submitted to the Corporation Commission as evidence of merit for the properties for which permission to sell securities was requested.

Paul Casamajor, of Fairchild Aerial Surveys, presented a resume of his company's activities since the war. He neatly sidestepped reference to any technical aspects which would have been of interest to geologists.

The dull sounding title, "Report on Powder River Basin, Wyoming, Field Trip," by Frank Parker, was merely camouflage for a most amusing and well illustrated account of the recent excursion sponsored by the Wyoming Geological Society. His "homely philosopher" comments on subjects usually revered among geologists kept the audience in stitches. (A hint for anyone planning to study the Powder River Basin: Crazy Woman Creek is the most complete exposed section.) He also presented his talk before the San Joaquin Geological Society in Bakersfield and the Geological Club at Cal Tech.

NEXT FORUM TO RETURN TO GEOLOGY

Date for the next forum is 7 P.M. October 17, in the General Petroleum auditorium with Rufus Smith, Continental Oil Company, acting as chairman.

O. E. Bowen, Jr., Assistant Geologist with the Division of Mines in San Francisco, will speak on "Stratigraphic and Structural Features of the Barstow Quadrangle and Vicinity." This area is the subject of a cooperative project with the U.S.G.S. and the University of California. Bowen is supervisor of the Geologic Guidebook

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Selected Bibliography:	Jack Tomkins
Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next Deadline November 8th

Section and Mineral Information Service for the Division of Mines.

Bill Corey, well known geologist for the Continental Oil Company, will speak on "Correlations of the Southern Coastal Region." He will present a correlation chart and discuss same. He has been known on many occasions to rise to his feet to deny or defend various theories when the subject of correlation was under discussion.

A third paper is tentatively planned but was not definite at press-time. This was E. O. Lynton, of Standard's San Francisco office, who was invited to speak on his experience in France where he was in exploration for the French Government following the war.

SMITH IN FOR VITT AS HUCKSTER

Publicity Chairman Al Vitt has gone to Wyoming at the request of Seaboard Oil Company, and his post has been filled by Rufus Smith, Continental Oil Company geologist. President Cliff Johnson made the appointment for the short but important remaining portion of the term.

FALL LUNCHEON SERIES BEGINS

Opening event of the Pacific Section fall schedule was the luncheon at the Clark Hotel on September 8. No program was planned, but announcements of details of the Convention were made and discussed. The turnout was small but enthusiastic as evidenced by the debate over the question of having a session of square dancing during the dinner dance.

The luncheon slated for October 6 featured Professor F. R. Martel, of Cal Tech, in a talk, "Studies of Earthquake Resistant Structures." Martel, Professor of Structural Engineering, has been at the Institute since 1918 and has done a great deal of work with simulated earthquake shocks on model buildings as well as actual examinations of earthquake effects both in the United States and the Orient. He has been consultant on many large buildings in the Los Angeles area. (Ed. note: If the reporting of the luncheon meetings seems sloppy, out of date, or incomplete, it is because they usually fall between the deadline date and mailing date. If the current luncheon is written up in the past tense you find the principal speaker didn't show up, or you write it in the future tense but it happened a week ago to the reader, and the next luncheon hasn't been planned yet, so none of them are reported until they are over. We are scooped everytime by the post cards.)

COMPLETE LIST OF PAST OFFICERS OF PACIFIC SECTION

Year	President	Vice President	Sec'y-Treas.
1924	F. Hudson (also acted as Treasurer)		
1925	G. C. Gester	R. Morse	
1926	E. F. Davis	C. Wagner	
1927	H. Hawley	N. Taliaferro	
1928	C. R. McCollom	B. Gillespie	
1929	E. Noble	E.M. Butterworth	
1930	R. Reed	H. K. Armstrong	
1931	M. G. Edwards	L.N. Waterfall	
1932	C. Wagner	H. Driver	
1933	F. Morgan	W.D. Rankin	
1934	A. A. Curtice	W.D. Rankin	
1935	H. Hoots	G. Moody	
1936	C. Cassel	R.G. Reese	
1937	H. Johnson	J.C. Kimble	
1938	W.S.W. Kew	E.W. Galliher	
1939	R. Barnes	D. Hobson	
1940	A. Gregersen	E.J. Bartosh	
1941	F. Hudson (resigned)	E.J. Bartosh	
	W. Galliher (balance of term)		
1942	E. Bartosh	E.R. Atwill	
1943	M. Krueger	R. Ten Eyck	
	R.W. Clark (balance of term)		
1944	R. Reese	G. Bowes	R.T. White
1945	G. Bowes	R.T. White	V.W. Vandiver
1946	E.R. Atwill	V.W. Vandiver	A.S. Holston
1947	M. Van Couvering	W.P. Winham	C.W. Johnson
1948	W.P. Winham	H. W. Lee	P.H. Gardett
1949	C.W. Johnson	J. Kilkenney	E.H. Rader

PERSONAL ITEMS

The Union Oil Company has recently announced the following changes in its exploration personnel:

Louis Waterfall, Chief Geologist of the Pacific Coast Division, is resigning as of November 1st to enter consulting practice.

Stan Wissler, formerly Chief Paleontologist, has been chosen to succeed Louis Waterfall as Chief Geologist.

Max Krueger, Manager of Operations of the Rocky Mountain Division, is resigning as of November 15 to accept an executive position with the Con-o-rada Company and will have his headquarters in New York.

E. R. "Bob" Atwill, Asst. Chief Geologist, is replacing Max Krueger as Manager of Operations and will move our Division offices to Denver.

Earl Noble has been appointed General Manager for Canada and is responsible for all exploration and development operations north of the International line. Earl will be at Calgary along with Russ Burns and Walt Heathman.

R. G. "Scotty" Greene, formerly Manager of Lands, has been made Manager of Exploration of the Pacific Coast Division and will be responsible for both exploration and land activities.

Lon D. Cartwright, formerly Chief Geologist Gulf Division, is now Chief Geologist for all company operations. He will be responsible for the coordination of all geological, geophysical and exploration activities of the various divisions and will direct all activities outside of the assigned division areas. Incidentally, Lon received his Master's Degree at Stanford in 1927 and has been with the Union Oil Company since 1929.

Bill Winham was last seen batting the ball at Pebble Beach. Didn't win but had fun, as did Gene Moser, who made the semi-finals in his flight.

Neal Hurley, ex-Cal Tech geology student, Class of '49, has received an award from the American Society for Friendship with Switzerland which provides him with free tuition at the Eidgenossische Technische Hochschule at Zurich. This institution is one of the leading centers of geological study and research in all of Europe. Congratulations, Neal!

Bill Cortwright is moving to new diggin's at 2202 Terrace Way in Bakersfield. He's now a cinch for a transfer!!

Dan Flynn, G.P. geologist, is a new-born papa as of September 27th--the first and a boy!

Rod Colvin, another G.P.er, received a C.O.D. boy, one Peter Rodney, on September 2. Delivered, I'm told, by the Flying Red Horse!

Ralph Arnold, when not engaged in raising Spider lillies, spends some time mapping new prospective oil structures in Central Texas. Plenty of Texas rattlers!

Earl Noble broke his toe while bowling on the green in Canada but didn't know it for several days--at which time he began to limp!

Glad to hear that the Chuck Kirschners are coming out winner in a bout with polio.

Sorry to learn that Stan Conrad of Richfield is down with polio. We're all pulling for him!

George Quick is back in California doing some contract work for Harold Hoots.

Joe Bryan withdrew his membership from Bachelors, Inc. and married Margie Nicoll several days ago. He now has a new wife and a new Pontiac. What else is there?

Bob Sprinkel of Shell in Ventura, is being transferred to Long Beach.

Lowell Redwine left a note on Wally Matjasic's front door while he was down here one day last month. When he returned home, he found a note from Matjasic on his front door! Surprise!

Emil Kluth is back in the saddle after an extended tour of Europe.

W. S. W. Kew is reported to have purchased a winery, no less! Conducted tours in the future???

Carl Helms, of Standard, now has another exemption in the person of a baby girl.

Harry and Mrs. Johnson are back in the States after a tour of Europe and are currently in New England looking over the good old U.S.A.

Rolfe Johnson is being transferred to the Los Angeles office as District Geologist for Barnsdall.

Bob Hindle is now resident geologist at Newhall-Potrero, replacing Rolfe Johnson.

A. T. "Ted" Lee has been transferred to Canada to join the ex-California group which is fast becoming a rather large fraternity. Vince Vandiver saw the following on one trip: Gene Vallat, Glen Bowes, Russ Burns, Claude Leach, George Knox, Les Clark, Pete Cole, George Cribbs, Gene Powell, Frank Parker, Ed Foss, Phil Gaby and many others.

Louis Taylor is slated to join the Richfield boys at Rincon.

Have you seen Jack Harding's new boot shoes ?

John Emerson Adams, Standard of Texas, was seen visiting in California. He is being boomed for a national office in AAPG.

Understand that Swede Larson, formerly Manager of Field Operations for Union Oil, is going to Alaska to be civilian advisor.

Bill Kennett has been made Supervisory Geologist for the Superior Oil Co. and will probably headquarter in Los Angeles.

Tom Dibblee got the right answer when he popped the question to Loretta Spangler, also of the Richfield. Wedding bells in the future -- no date yet.

Lloyd Lewis, Shell Oil Co. in the Salinas Valley, is headed for Sacramento to take over there.

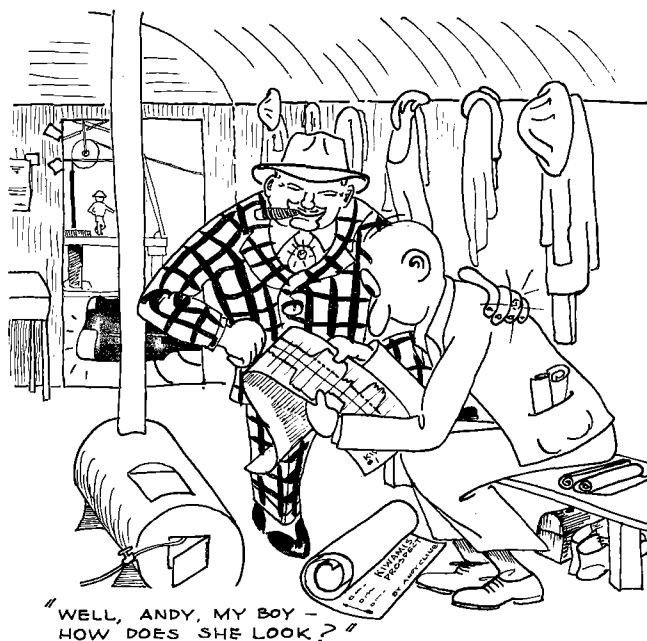
Standard now has another "red-shirt" in the Salinas who goes under the name of J. K. "Johnny" Cassel. Stanford man!

John Fackler, CCMO, is slated to be the new head of the Salinas Valley Rock Hounds. He doesn't know it yet, but he's in!

Joe Jensen, TWAite, is planning a pleasant tour of South America via Montevideo, Buenos Aires, Rio de Janeiro. Leaves on October 14th. Bon Voyage!! or is it Aloha-oe? Oh, hell, have fun, Joe!

ANDY CLINE

BY sullivan



Thumbnaill sketch number two concerns John Edward Kilkenny, Chief Geologist of the Chanslor-Canfield Midway Oil Company (CCMO to most of us). John is a charter member of the Native Sons of the Golden West, having been born in Salinas, California, where he attended grammar school and high school. He graduated from Berkeley with an AB in 1935 and began his first professional work as a doodle bugger for The Texas Company. He transferred to the Superior Oil Company in 1936 as a junior geophysicist and became an assistant geologist in 1937. During 1938-1940, Johnny worked with the Munger Scouting Service and in 1940 joined the staff of the Pure Oil Co. in Bakersfield where he remained until 1945 when Pure pulled out of California. He then took over as Chief Geologist of the CCMO Company in Los Angeles. John boasts of his wife Dorothy, his son Michael, age 5, and daughter Mary Kathryn, age 1½. They reside in Alhambra at 421 North Marengo.

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CALENDAR

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*** Other Articles of Special Interest**

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Bull. Geol. Soc. of Amer., Vol. 60, No. 8, August, 1949

"Geology of the McCoy Area, Eagle and Routt Counties, Colorado" - by Henry F. Donner, pp. 1215-1248.
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***"Formation Slippage at Wilmington" - by Robt. Harwick, pp. 143-147

Petroleum World, August 1949

***"Oil Shale Mining and Retorting at Rifle, Colorado" - by L. P. Stockman, pp. 14-19

World Oil, September 1949

"Origins of Shallow Structures in West Central Texas" - by C. H. Brodie, pp. 61-66

October 17, 1949, Monday, 7:00 P.M., A.A.P.G., Pacific Section, Geological Forum, General Petroleum Auditorium, 612 S. Flower, Los Angeles.

October 18, 1949, Tuesday, A.P.I., San Joaquin Valley Chapter, no details received.

October 20 & 21, 1949, Thursday and Friday, A.I.M.E., Petroleum and Mining Branches, Elks' Club, Los Angeles; Metals Branch at Institute of Aeronautical Sciences, 7660 Beverly Blvd., Los Angeles. Annual Fall Meeting.

November 3, 1949, Thursday, 12:00 noon, A.A.P.G., Pacific Section, Clark Hotel, Los Angeles, Luncheon Meeting.

November 7, 1949, Monday, 7:30 P.M., A.I.M.E., Metals Group, Ethyl Auditorium, Los Angeles.

November 10, 1949, Thursday, 7:00 P.M., A.I.M.E., Junior Petroleum Group, Rio Hondo Country Club, Downey.

November 14, 1949, Monday, 7:00 P.M., A.P.I., Coastal Chapter, Ventura.

November 17 & 18, Thursday and Friday, A.A.P.G., S.E.G., and S.E.P.M., Pacific Sections, Annual Joint Fall Meeting, Ambassador Hotel, Los Angeles.

PACIFIC PETROLEUM GEOLOGIST
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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

November 1949

No. 11



C. W. Tomlinson
National President



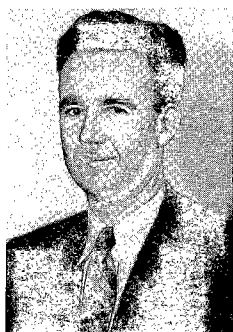
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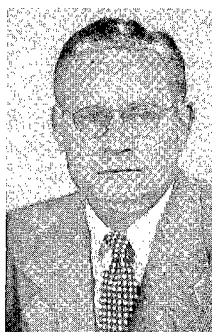
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President of
Pacific Section



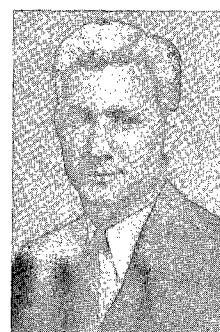
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Pacific Section



Harold Rader
Secretary-Treasurer
Pacific Section



Aden W. Hughes
President S.E.P.M.
Pacific Section



Wallace L. Matjasic
Convention Chairman

A.A.P.G. - S.E.P.M. - S.E.G.
26th ANNUAL MEETING
NOVEMBER 17 and 18, 1949
AMBASSADOR HOTEL, LOS ANGELES

Biggest Pacific Section event of the year happens this month when the twenty-sixth annual meeting and technical sessions convene at the Ambassador Hotel on Thursday and Friday, November 17 and 18. The Society of Exploration Geophysicists and the Society of Economic Paleontologists and Mineralogists will hold their annual meetings concurrently.

Registration begins at 9:00 A.M. Thursday, and the first paper is scheduled for 9:30 A.M. Two full days of technical papers are planned. Nomination of officers will be made Thursday morning. Thursday noon is the A.A.P.G. luncheon in the Embassy room where C. W. Tomlinson, national president of the organization, will be principal speaker. Thursday evening the S.E.P.M. will hold its annual dinner in the Gold Room at which time two technical papers will be presented on Refugian and Eocene correlations. Friday noon the S.E.G. meets at the Mona Lisa for lunch at which time Professor Beno Gutenberg will speak on Southern California faulting. Also on Friday noon U.C.L.A. alumni will meet for lunch in the Green Room of the Chapman Park Hotel. Friday afternoon from 4:45 to 6:00 P.M. all registrants will be guests at a cocktail party of the United Geophysical Company. The annual dinner and dance will be held Friday evening in the Embassy room. Tickets for all of the above events will be available at the registration desk as will programs and abstracts of papers. The tentative program mailed to all members several weeks ago will be changed in the final program only in regard to exact wording of titles. Times and subjects remain the same.

The convention committee, officers of the Pacific Section and representatives of the S.E.G. and S.E.P.M. met at the Ambassador for lunch on November 1 and finalized plans, coordinated movements, synchronized their watches, etc. in the final arrangements for the convention.

Mastermind of the whole affair is Wally Matjasic who calls the signals in the huddles. Coach Cliff Johnson says he is proud of his boys. Technical program chairman Loyde Metzner does a beautiful job of packing the ball with Jack Beach and Loyal Nelson running interference, and that last-second lateral to dinner chairman John Loofbourov who dances down the sidelines in the fading moments of the game, is a thing to behold. Then there is registration chairman Joe Hudson out at the gate taking tickets. He doesn't even get to see the game, but he is one of the hardest workers.

The meeting will be the finale of a highly successful year for president Cliff Johnson, vice-president Johnny Kilkenny, and secretary Harold Rader. Johnson has expressed in several interviews his desire for active participation in the nomination and election of officers by all members of the Pacific Section. It is his earnest plea that a great deal of thought be given to nominations, that nominee's consent be obtained prior to nomination, and above all that at least two men are nominated for each office in a true democratic expression of the will of the membership. (Ed. note: Besides, election campaigns are fun!) He also expresses his thanks to all members for their unselfish cooperation with the officers whenever asked to lend a hand. His thanks also go to the oil companies who so generously gave assistance in maintaining the financial structure of our non-profit organization.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

Clifton W. Johnson	President
John Kilkenny	Vice-President
Harold Rader	Secretary-Treasurer
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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1060, 417 South Hill Street, Los Angeles 13.

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Department Editors:	
Activities and Cartoonist:	Harold H. Sullwold
Personal Items:	Don Davis
Selected Bibliography:	Jack Tomkins
Calendar:	Jack Knight
San Joaquin Representative:	Ralph E. Brodek
San Francisco Representative:	Earl Dillon

Next Deadline Dec. 6th

ARRIVE BY NINE IF YOU WISH TO DINE

The dinner-dance is not a dinner-dance, but dinner followed by a dance. Dinner will be served from 8 to 9 P.M. only, and anyone arriving after 9 P.M. will have to subsist on liquid diet. This is an urgent reminder from Wally Matjasic and Johnny Loofbourow. They point out that overtime pay for waiters, if dinner were prolonged, would be prohibitive.

Both dinner and dancing will be in the Embassy room, and tables will be maintained during the dancing which begins at 9 P.M. A bar will be provided in the same room. Everyone is urged to organize their tables and make reservations with Loofbourow (Barnsdall) at the earliest opportunity. He encourages large tables of ten or twelve for convenience in accommodating the large crowd expected.

FORUM GOERS HEAR VARIED PAPERS

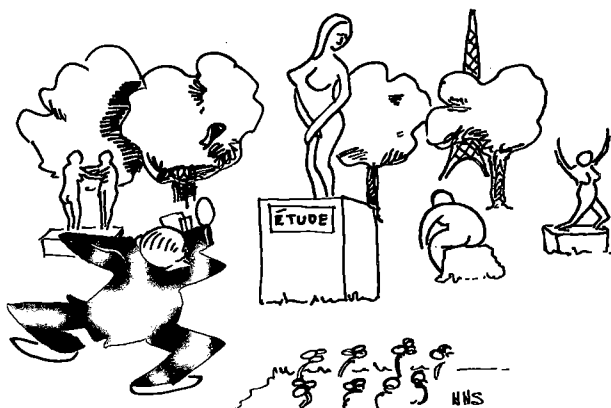
Three fact-packed papers on diversified topics were presented at the last geological forum meeting on October 17 in the General Petroleum auditorium under the chairmanship of Rufus Smith.

Bill Corey presented a group of correlation charts on the Channel Islands and nearby mainland areas and discussed their implications. They obviously represented a tremendous amount of work, but were so dense with detailed data as to defy digestion in so short a glimpse. One point brought out was that the San Onofre Breccia, often pointed to as evidence of a landmass seaward of the present coastline, is found at several time intervals suggesting the presence of this landmass at several different times in the Miocene.

Geology of the Barstow quadrangle and vicinity was described by O. E. Bowen of the Division of Mines. The rocks consist of intrusives, extrusives, metamorphics, and continental deposits, so no drooling was noticed among the economic petroleum geologists in the audience. The quadrangle is over a thousand square miles in area, and a number of revisions are being made in the previous loose age assignments of some of the formations.

Rocks previously labeled pre-Cambrian south of the Barstow trough are now known to be upper Paleozoic in age through direct tracing from fossiliferous beds. The talk was very clearly presented in spite of the absence of illustrations. Foster Hewett of the U. S. Geological Survey, joint sponsor of the project with the University of California, amplified Bowen's talk and tied his results in with regional considerations. He pointed out the distinct difference in Paleozoic and Triassic rock types between this area and the Arizona Plateau region and stated that a sharp break between the two types occurs at a fault at the east front of the Avawatz mountains. He also described a break at the Garlock fault north of which a thick complete Paleozoic section is present and south of which only upper Paleozoic is represented.

Ted Lynton gave an account of his experiences as consultant to the French Government. There is one privately owned oil company in France and four other companies in which the government has from 40% to 100% interest. All geological information is pooled. (This makes it nice for the companies but no doubt cuts down on geological society membership.) After a review of oil and gas fields, exploration results and methods, and oil mining techniques he dwelt at some length on humorous travel experiences, and showed a number of colored slides of scenes in France and several other countries. The title of his talk was "A Geologist's Views of the French Petroleum Industry" but there were more views of statutory than drilling rigs. The only rocks shown were shaped into structures of far more than technical interest.



TED LYNTON PHOTOGRAPHS THE EIFFEL TOWER

The Refugian Type Section and Vicinity was thoroughly covered by the S.E.P.M. at their annual dinner-field trip on October 28 and 29.

Aden Hughes presided over the dinner meeting at the Barbara Hotel in Santa Barbara. Discussion of the Refugian Section was led by Russ Simonson and Tom Dibbles. About 130 geologists were in attendance.

The following day about 100 joined the caravan from Gaviota Beach Park to the Hollister ranch where the "vicinity" of the Refugian was studied at first hand. The actual type section was not visited, because Santa Anita Canyon does not have a road. As it was the group had to hike about a mile, but their efforts were rewarded, for their genial host, Joe Hollister provided beer and cheese sandwiches for the gang. Following the field trip lunch was served at Gaviota Park just about the time the football games started on the radio.

REDWINE GOES TO HEAD OF COAST GROUP

Newly elected officers of the Coast Geological Society, affiliate of the Pacific Section, are Lowell Redwine (Honolulu) president; Irv Schwade (Richfield) vice-president; Dick Haines (Continental) secretary; and Bill Thomas (Shell) treasurer.

Last meeting of the group was in Santa Barbara on October 11. Robert Galeski (Honolulu) spoke on "Seismograph Method of Geophysical Exploration," and a sound movie "Birth of an Oil Field" (Shell) was shown.

The Society is planning an informal dinner-dance on Friday, December 16, at the Mar Monte Hotel in Santa Barbara.

SAN JOAQUIN GROUP ELECTS OFFICERS

Newly elected officers of the San Joaquin Geological Society are Joe Bryan (Union) president; Ken Krammes (Texas) vice-president; and Ralph Brodek (Western Gulf) secretary-treasurer.

Bob "Choo-choo" Hutcheson, retiring president, conducted the "elections," held at the regular monthly meeting on October 11 at the El Tejon Hotel. Principal speaker of the evening was H. Wayne Hoylman (Fairchild) who spoke on the airborne magnetometer.

ELECT DILLON, PICKRELL, AND CROSS UP NORTH

A news flash from Bill Barbat in San Francisco tells of the new executive officers of the Northern California Geological Society. Earl Dillon (Tide-Water Associated) is the newly elected chairman for the period November 1, 1949 to November 1, 1950. Vice-chairman is Charles M. Cross (Honolulu) and secretary-treasurer is Daniel J. Pickrell (Golden Gate Oil Co.)

PERSONAL ITEMS

Ben W. Ryan, Jr. has been added to Mase Hill's geological staff in Bakersfield. Another red-shirt for Richfield!

Tommy Woodward announces the arrival of Paul Marcellus as of August 10. That makes quite a houseful!

Sorry to hear that Walt Heathman is in sick-bay at the Holy Cross Hospital in Calgary.

Bob Paschall is very bitter about houses and landlords and such. Seems he moved his family in a new adobe in time to receive an eviction notice! Great - just great!

Pete Gardett spent several weeks in Salt Lake City as a replacement for the District Geologist who was vacationing. He saw Jim Saunders of T.W.A. who was headed for duty in Casper. Bill Reed, another UCLAN, is now with the California Company in Vernal.

Bob Buchanan, a Berkeleyite, is now working for the Oceanic Oil Company in Bakersfield under the able direction of Tommy Fitzgerald. Bob was with the Shell Oil Company for a spell.

Bob Maynard is now in the Los Angeles offices of the Barnsdall Oil Co.

Coming attractions: Bill Kleinpell is known to have travelled the South Seas recently. In the next issue, a COMPLETE story will appear! Don't miss it.

Since this is the last column for this year's crop of Department Editors, it is time to thank everyone for their fine assistance in helping us keep this column going.

Max Krueger has decided to remain in Laramie, Wyoming as a consulting geologist and will not go to New York, as reported here last month. Changed his mind.

As long as corrections are in order -- Al Vitt is now in Casper as Chief Geologist of the Rocky Mountain Division of the Seaboard Oil Co. Last month we had him in Canada--which is Vandiver's territory.

Chuck Allen, who hangs his hat in the San Fernando Valley diggings of Wm. Ross Cabeen & Associates, was honored with the first prize in the graduate thesis division of the AIME at their recent convention. This will be news to those who attended the meetings held in the Baroid room!!

Louis N. Waterfall is readying his new offices at 1104 Quinby Bldg., 650 So. Grand Ave. in Los Angeles. No phone yet! If he's like the rest of us, he'll get more done without one!

Somebody said they saw Harry Sprague in the States again. Come to find out, he's been in Los Angeles since last May and is almost due to return to the Superior Oil Company offices in the Middle East. Well--better late than never.

Tom Rothwell, John Hazzard, Paul Dudley and Ed Lammers were last seen headed for the G.S.A. convention in El Paso. Rothwell is slated to give a paper on ostracods.

Bill Greenwalt, II is now headquartering at the Whittier offices of the Union Oil Co., 205 E. Philadelphia St., as is Liz Watson. Bill is now Division Geologist for the L.A. Basin and Southern California.

Did you read where the Shell Oil Company has been "de-inc'd."? This comes as quite a shock to many of us!

Bob Ford, with Schlumberger in Tulsa, writes that there are now eight Fords in the family. Robert, Jr. arrived last month to join his three sisters and two brothers.

Spence Fine is sporting a new Buick which he picked up at the factory. He flew back and drove home day and night. Hasn't been the same since!!

Hank Neel and his wife recently spent their vacation in Mexico City at the Del Prado Hotel. They tell me the peso-dollar exchange is all in our favor.

Bill Pemberton spent some time in old Mexico last month, too. Don't know why?

Aden Hughes joined the "Fifth Estate" for a day last month as guest columnist for the Santa Maria paper. Gave the local populace a short history of the oil business in that area. Darn good, too!

Heard that Roy Fletcher, who formerly geologized for The Texas Company in Bakersfield, is the proud father of another daughter--their second.

Tennant Brooks is now teaching a course in geology at Bakersfield, J.C. Let the other schools take the hint!

Bill Lewis passed out cigars with a pink band in honor of his daughter Lucy who arrived October 11th. The G.P. boys are certainly busy!!

Loring Snedden has been transferred to the Los Angeles offices of The Texas Company, as Asst. to the Division Manager. Welcome home!

Jack Harding has been made Division Geologist of the Ventura Division of the Union Oil Company, with headquarters at Santa Paula. He replaces Bill Rand who has been assigned to special geological problems.

Bob Williams left his "witch-stick" in Santa Barbara and went antelope hunting in Montana. Don't know what he bagged--other than his eyes?!!

The grapevine has it that our able "Personals" editor, Don (Sonnyboy) Davis, recently stopped at a roadside pub to wet his whistle. The kindly lady behind the bar questioned our boy's age, whereupon he informed her that flattery would get her nowhere. After some debate, our hero finally produced his driver's license, whereupon he got the brown bottle.

On another occasion while basking in the warmth of the fireplace in his new Oswego Street estate, the door bell rang. When Don appeared at the door in his perennial Levis, sans shirt and shoes, the gent at the door sez, "Son, is your old man home? I'd like to speak to him about insulating this house." Ah, for the joys of youth!

John Loofbouroow, Chief Geologist for Barnsdall Oil Co., left Wednesday for the annual meeting of Barnsdall at Hot Springs, Virginia

Andy Vidos, who recently resigned from his position with Amerada, has returned from a brief visit to his home in Washington.

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- * Other Articles of Special Interest

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 "Ceramic Products; Their Geological Interest and Analogies", by W.W. Harrison, pp. 715-749
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 **Submarine Geology and Pleistocene Research" by Fred B. Phleger, pp. 1457-1462
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- *Principles of Petroleum Geology, by Cecil G. Lallicker, 377 pages, New York, 1949 (Appleton-Century-Crofts, Inc., \$5.00)

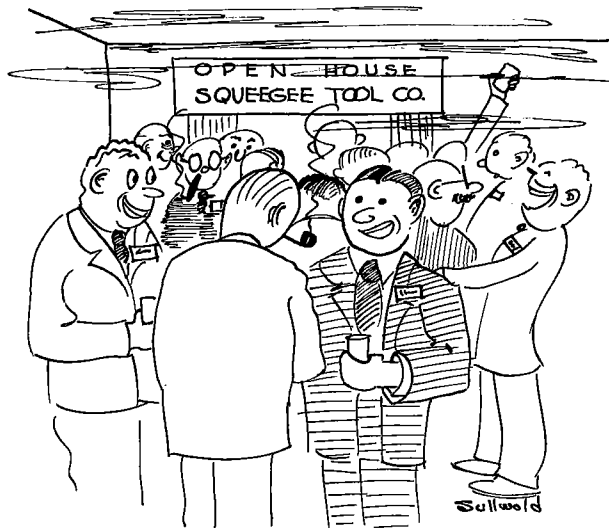
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- Tomorrows Tools - Today!, Vol. XV, No. 2, Lane Wells, 2nd Quarter, 1949
 **Interpretations of Oil Base Electrologs", by Russell G. Norelius, pp. 4-11
 **Koneshot Perforating - A study in the effective use of shaped charge", by Val L. Forsyth, Part I, pp. 32-35
 "Radioactivity Well Log Interpretation in the East Lindsay Field of Oklahoma" by Ed Saye III, pp. 14-16
- World Oil, October 1949
 "Geology in the Strake and Squire Field Area, Duval County, Texas", by Geo. G. Huffman & Alfred E. Giles, pp. 68-76
 **Interpretive Petrology of Sedimentary Rocks" by Dr. Gordon Rittenhouse, pp. 61-66
 **Radioactivity and Electrical Logging", by V. J. Mercier, pp. 128-132

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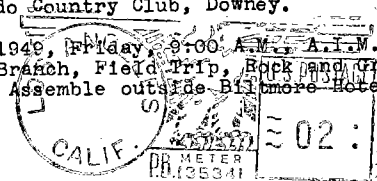
Vol. 3, No. 11



I WONDER WHOM THEY'RE
 NOMINATING DOWNSTAIRS?

CALENDAR

- November 14, 1949, Monday, 7:00 P.M., A.P.I., Coastal Chapter, Ventura.
- November 15, 1949, Tuesday, 8:00 P.M., A.P.I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill.
- November 15, 1949, Tuesday, 7:45 P.M., A.P.I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft.
- November 16, 1949, Wednesday, 7:30 P.M., A.P.I., Coalinga-Kettleman Chapter, Polvadero Country Club.
- November 17 & 18, 1949, Thursday and Friday, A.A.P.G., S.E.G., and S.E.P.M., Pacific Sections, Annual Joint Fall Meeting, Ambassador Hotel, Los Angeles.
- November 28, 1949, Monday, 7:00 P.M., A.I.M.E., Petroleum Branch, Petroleum Technology Committee, Ethyl Auditorium, Los Angeles.
- December 1, 1949, Thursday, 12:00 noon, A.A.P.G., Pacific Section, Clark Hotel, Los Angeles, Luncheon Meeting (tentative).
- December 8, 1949, Thursday, 6:30 P.M., A.I.M.E., Petroleum Branch, Junior Petroleum Group, Rio Hondo Country Club, Downey.
- December 9, 1949, Friday, 9:00 A.M., A.I.M.E., Mining Branch, Field Trip, Rock and Gravel Plants; Assemble outside Biltmore Hotel.



Fred R. Neumann
 1237 Citrus
 Chico
 California

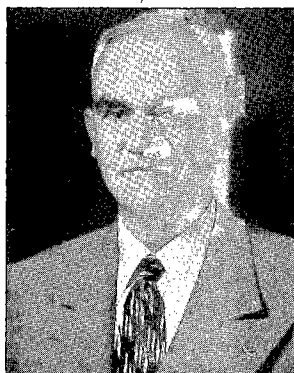
PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 3

December 1949

No. 12



J. R. Pemberton
President



Arthur S. Huey
Vice-President



Milton W. Lewis
Secretary-Treasurer

ASSOCIATION ACTIVITIES

NEW OFFICERS EMERGE AS CONVENTION

SMOKE CLEARS AWAY

Investigation of that weird breeze that was reported by numerous night owls and milk-men in the early dawn on November 19 revealed its origin to be a huge sigh of relief heaved by Cliff Johnson, Johnny Kilkenny, and Harold Rader, retiring officers of the Pacific Section, and Wally Matjasic and his crew who conducted the very successful convention just passed.

Officers elected for the coming year are Bill Pemberton, consulting geologist, president; Art Huey, chief geologist of Hancock Oil Company, vice-president; and Milt Lewis, consulting geologist, secretary-treasurer. These men were nominated respectively by Frank Morgan, Martin Van Couvering, and Bob White. Opposition in the hotly contested race was furnished by Bob White, State Exploration Company, and Frank Carter, General Petroleum Corporation, for the offices of president and vice-president. Lewis was unopposed. A record count of 235 votes was cast possibly due to the interest aroused by pre-nomination pleas by Cliff Johnson and to the campaign conducted by backers of the successful candidates.

The convention itself went off with clock-like precision and dispatch thanks to the carefully laid plans of Wally Matjasic and Loyde Metzner and their assistants. Registered attendance was 625, slightly smaller than last year, 373 luncheons were served, and 428 people attended the dance. Included in the audience were six from outside the United States and 125 students. Twenty technical papers were presented at the Pacific Section meetings, not to mention those given at the S.E.G. and S.E.P.M. meetings. If an award based on original thought and presentation were to be given the local author of the best paper the writer would suggest Tom Baldwin, Jergins Oil Company. His San Ardo paper was perfectly organized, clearly presented, fully illustrated, and presented an original geological concept which could be of great value in future exploration in the Salinas Valley. He demonstrated that the water table in the San Ardo field was warped into a syncline after the oil accumulation, thus dating the accumulation during Pliocene time. If all accumulation in the area was contemporaneous, he reasoned, post-Pliocene structures would not be traps.

Figures of national prominence on the program included national president C. W. Tomlinson, who spoke at the luncheon on Association affairs, Ted Link, national vice-president, who delivered two papers on Canadian geology and bioherm development, and past-president A. I. Levorsen, whose contribution was a paper on time of oil accumulation. Past-president Earl Noble was there drinking it all in from the sidelines, an unaccustomed spot for him. Theron Wasson, chief geologist of Pure Oil Company in Chicago and candidate for the national presidency, was observed making friends at several of the well attended cocktail parties.

In addition to the technical sessions there were luncheon meetings of the A.A.P.G. and S.E.G. and a dinner meeting of the S.E.P.M.

The Pacific Section annual luncheon was graciously emceed by handsome President Cliff Johnson who gave well deserved recognition to his many aides and visiting dignitaries and ducked behind the rostrum when the group photograph was taken. On the social side the annual dinner-dance was the climax of the convention featuring excellent food, music and refreshments in the beautiful Embassy room under the guiding hand of Johnny Loofbourow. Cocktail parties of the United Geophysical Company and Signal Oil and Gas Company preceded the dance. Other informal open houses were held by several service companies. U.C.L.A. alumni turned out in sufficient numbers to overflow the Green Room of the Chapman Park Hotel at an informal luncheon planned by Paul McGovney and Sam Stewart.

An announcement of interest to all California geologists was made by Olaf Jenkins, chief of the California Division of Mines, who stated that the State is planning a supplement to Bulletin 118 and will welcome contributions on new fields not included in the original bulletin and revisions of old fields if of significance. He also announced that a reprint edition of Bulletin 118 is now available, and commended members of the Pacific Section for their heroic efforts in writing the original Bulletin.

Immediately following his departure from the Pacific Section meetings in Los Angeles, national President C. W. Tomlinson fought his way through difficult fog conditions to make a brief stop in Bakersfield before proceeding to San Francisco where on the night of November 22 a small but active group convened at the University Club to hear his widely discussed thesis on the Optimum Spacing of Oil Wells.

**EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

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PACIFIC PETROLEUM GEOLOGIST

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Next Deadline January 4, 1950

NEW PRESIDENT ANNOUNCES NEW AIDES

Newly elected president Bill Pemberton has announced the appointment of the following men to assist him in the coming year.

John Loofbouroow, Barnsdall's chief geologist, is editor of the P.P.G. beginning with the next issue. He is now assistant editor and replaces Stan Siegfus who retires with a sigh or relief amidst the applause and back-slapping of his staff and those in the crowd who know he handled a tough time-consuming job very capably and with an enviable grace and savoir-faire.

Bob Anderson, Signal Oil and Gas Company, will be chairman of the Geological Forum Committee. This very important post has been skillfully handled from a background position by Irv Frazer of the Texas Company for the past year. He has received no publicity or plaudits; his name does not appear on the post-card announcements, and he does not preside at the meetings, but the obvious success of the Forum program is directly due to his guidance.

The post of program chairman, ably filled in the past by H. J. Buddenhagen, Shell Oil Company, and assisted by Cliff Johnson during Buddenhagen's part-time absence, has been separated into two jobs. Vice-president Art Huey will handle the programs at the monthly luncheon meetings, and Harold Sullwold will arrange for special meetings featuring distinguished lecturers. Buddenhagen is now a member of the National Distinguished Lecture committee.

Don Davis, the beardless youth who has had the readers of this paper laughing at the other fellow's misfortunes and fearful lest their own misdeeds appear in print, has been appointed publicity chairman. This post was filled at first by Al Vitt and more recently by Rufus Smith when Vitt was transferred.

GROUP MAKING BASIN-WIDE CROSS-SECTIONS

Well laid plans to construct and publish a group of geologic cross-sections across all the oil-producing basins in California were announced at the convention by Bob White, State Exploration Company.

White, chairman of the Pacific Coast sub-committee on the Cenozoic of the National Geologic Names and Correlations committee has named seven assistants. They are R. L. Hewett for southern

and central San Joaquin Valley, Erwin Clark for northern San Joaquin Valley, John Kilkenny for Salinas Valley, Rollin Eckis for Guyama Valley, Ben Lupton for Santa Maria Basin, Lowell Redwine for western Ventura Basin and Jim Sheller for eastern Ventura Basin. White will handle the Los Angeles Basin himself.

Each of these men will head a committee in his own area to gather data and construct a cross-section emphasizing stratigraphy as detailed as possible and also depicting structures. Each of these sections upon completion will be made available immediately, and the entire group will eventually be published. This task has never been undertaken in California and will be of tremendous help in standardizing nomenclature for the initiated and presenting a huge amount of organized data to the uninitiated. Preliminary work has been going on for several months but formal announcement was withheld until a definite program could be disclosed.

TWO MEETINGS ANNOUNCED

First meeting under the new regime was a luncheon on December 8 where Rollin Eckis was to present a travelogue on a trip to Alaska illustrated with 200 colored slides.

An innovation was that the luncheon was held in the Blue Room West of the Roger Young Auditorium at 936 West Washington Blvd. rather than at the Clark Hotel. Growing dissatisfaction with the quality and quantity of the food at the Clark on the part of many members was held to be the reason for the change. The new meeting place has no pillars and features excellent food and free parking. As usual the meeting fell after our deadline, so a critical poll of opinion cannot yet be reported.

The Geological Forum will meet on December 19, at 7 P.M., in the Edison Building Auditorium under the chairmanship of Joe Hathaway, Pacific Western. Speakers will be Ned Babson, petroleum engineer for the Union Oil Company whose topic is "Reservoir Performance" and Bill Pemberton, who will discuss "The Colombian Oil Situation." Ned is a reservoir expert who is prominent in A.I.M.E. and A.P.I. technical circles and very familiar to those of us who occasionally stray over into the engineering camp. Bill has spent a lot of time in South America and Mexico and has just returned from a trip to Colombia.

SALINAS CROWD ANSWERS CRITICS

Threat of rain caused all six members of the Salinas Valley Geological Society to mutually call off the family style picnic-field trip to the Type Vaqueros which was planned for November 13. Failure to publicize this cancellation and failure of the rain to fall resulted in chaos among the assembled multitude who arrived on the sunny scene without guidance.

In reply to the resulting comments and innuendoes we have a communique from J.B.O'Fine and R. R. Giveup reading in part as follows ". . . the Salinas Valley Geological Society has not disbanded. Like any organization beset on all sides by hostile criticism and threat of punitive action we have simply adopted aliases and gone underground. . . until the whole trifling matter will have been hushed up. . . The weather man said very definitely that rain would fall Saturday and Sunday. . . so why bother announcing that the deal was off? We won't even mention the paper you fellows left on the hillside by the gate. But in general things are still in good shape and we plan to conduct the field trip next year, barring fog or stiff breezes."

EDITORIAL

This issue marks the close of the third year for the publication of the Pacific Petroleum Geologist, which was originally presented as an experiment by our former president, Martin Van Couvering. The response at that time was so enthusiastic and the support since then has been so genuine, that the newsletter has become an integral part of Association activities here on the Pacific Coast. It is this support by the organization as a whole which has made it an indispensable medium of news as well as a source of information. It is with confidence in the members that it is felt this interest will continue undiminished.

In striving to improve your publication the staff has accepted a few new ideas, which it is hoped may continue. One has been the standardization of the larger size type, so the copy may be more easily read. Another has been the inclusion of Sullwold's cartoons on "Andy Cline", which I am glad to report will continue. The new editor, John Loofbourow, appointed by the new president, Bill Pemberton, has prevailed on Sullwold to continue with this work. We salute the new editor and the new officers and have confidence of their success during the coming year.

In conclusion, I want to thank the members of the staff for their splendid cooperation and good work. Everyone has contributed their share promptly and in good spirit. The enthusiastic support of our retiring president, Clifton W. Johnson, is also gratefully acknowledged. With his keen interest in Association affairs, he brought forth the material on collegiate summer camps at a time when additional copy was much appreciated. We congratulate him and the executive committee also, for a very successful year. Lastly, we appreciate the kind response of all of the readers which made all of these efforts worthwhile.

Stanley Siegfus, Editor

PERSONAL ITEMS

Russ Simonson recently entrained for Findlay, Ohio to battle for The Ohio Oil Company appropriations.

Bob Sitzman passed out cigars in honor of his new daughter, born November 29th. Mother and daughter are doing well, but father has a cold that's a pip! He'll live!

A. James (Jim) West has resigned his position as assistant manager of lands of the Richfield Oil Corp. and will open offices to engage in oil property management as well as oil and gas leasing.

Robin Willis was recently seen re-surveying some well-locations at Placerita--all of which is not news. BUT, instead of a rod man, he had a rod-woman! His wife, no less!

Vince Vandiver went back to school several weeks ago--just for a day or two. Seems he just happened to be passing through Columbia, Missouri on the day of the big game with Oklahoma. Anyhow, he donned his rooter's cap and sat with the members of his fraternity--on the 50 yard line! This I would like to see.

Jack Elam is now associated with the Cameron Oil Company and is headquartering at Ted Bear's office in Westwood.

The Rincon office of the Richfield Oil Corp. (where "sea" meets the "sub-sea") was recently burglarized. The calendars are missing!

Jerry Harris, now in Saudi Arabia for John Standard, announces the arrival of a third daughter. This speaks highly for the recreational facilities at the base.

Ben Lupton crashed through with a new daughter last month.

The balance of power at the Ross Cabeen household now leans toward the women. Daughter Jane was born November 28th, which makes it 3 to 2. (Three kids)

Bill Moran is back from Paraguay to stay. He is presently vacationing and probably catching up on his record collection.

This one I like: Seems as how Hunter Yarborough, Joe Hudson and other Humble boys decided to have a weight-losing contest. The pre-contest weighing-in ceremony was uneventful except for the fact that Yarborough and Hudson seemed to be heavier than they appeared. Further investigation disclosed that their pockets were loaded with paper weights!!! All bets are off!

Harry Johnson is back in California after a long stay in the East after his return from Europe.

Bob Hill of Eastman Oil Well Survey Co. is being transferred to Denver as Division Sales Manager.

Chet Cassel, who has been in Paraguay for the Union Oil Company for the past four years, is expected to return to the States soon.

The Charlie Manloves announce the addition of two more mouths to feed. Of course, they eat only hay! Heigh-ho! Hop-a-long!!

Here's a short list of Ohio State men now available for "sucker" bets: Gene Moser, Walt Crown, E. J. Kaplow, Ben Bayless, Ed Hendricks and Bob Hutcheson.

Max Payne stayed up all night to welcome the arrival of Frederick Howard Payne, born November 15th. Are any babies born in the daytime??

As the direct result of Stanford losing to Cal in the "big-game", Frank Hornkohl was obligated to sing the California fight song from the clock-tower in Bakersfield at high noon. To make a long story even shorter--he paid off on schedule, although he stopped traffic with his booming bass. The winner--who else but Tommy Fitzgerald.

Martin VanCouvering recently talked informally before the University of Southern California chapter of Sigma Gamma Epsilon, the national geological fraternity. Bill Easton reports that the evening was very entertaining.

Dick Faggioli, Humble-ite, is the proud papa of a baby girl--Marsha. Their first!

Dave Hobson spent half a lifetime getting home from the Cal-Stanford game several weeks ago. The story goes like this: Seems they got on the wrong bus at San Francisco and weren't headed for the airport. After returning to San Francisco, they finally arrived at the airport to discover that their scheduled plane had a flat tire with no spares available. So they were sent by bus to Sacramento. You've guessed it--the bus went into the ditch. After several hours, the passengers left Sacramento by plane. You're right--it developed engine trouble and was forced to land at an emergency strip near Modesto. A relief ship finally arrived and managed to land at Burbank. Dave got home in time to receive the telegram which he had sent to explain his late arrival!!!

Glad to see Stan Conrad back at work in the Richfield offices at Bakersfield.

Have you seen the latest Rapid Blue Print calendar--without the calendar?

Karl H. Arleth, son of Karl Arleth, is now with the Ohio Oil Company in Bakersfield.

Hear that Pat Patterson is back on the job again--part time. Just can't keep a good man down.

BIBLIOGRAPHY OF RECENT PUBLICATIONS

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***Other Articles of Special Interest**

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- **"Water-Flooding As a Method of Increasing California Oil Production", Part 3, by Wilbur H. Somerton, pp. 541-551**
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- **A Bureau of Mines Method of Determining Porosities; a list of Porosities of Oil Sands" Free (1 copy) from Bureau of Mines, Publications Distribution Section, 4800 Forbes St., Pittsburgh 13, Pa.**

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- **Koneshot Perforating" Part 2. By Val L. Forsyth and Jack Gardiner, pp. 4-8**
"A Composite Radioactivity Log of the East Texas Basin" by Robt. E. Bush and Jack P. Myers, pp. 12-16

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- "Lithologic Criteria of Mississippian Rocks in Western Kansas", by Joseph R. Clair, pp. 61-66**
****Oil and Gas Exploration in the Four Corners Area of New Mexico and Utah", by J. L. Tatum, pp. 67-76**

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LOS ANGELES, 13, CALIFORNIA.**

RETURN POSTAGE GUARANTEED

Vol. 3, No. 12

World Petroleum, October 1949

"Leasing Activity Reaches High Level in Dakota", by Alton G. Sorlie, p. 51

World Petroleum, November 1949

"Dakota and Muddy Strikes Step up Denver Basin Play", by Joseph A. Kornfeld, pp. 54-57

"Drilling and Production Practice in Oil Fields of So. Iran", by H. W. Lane, pp. 58-62

CALENDAR

December 6, 1949, Tuesday, 7:00 P.M., A.A.P.G., Coast Geological Society, Barbara Hotel, Santa Barbara, Dinner Meeting.

December 8, 1949, Thursday, 12:00 noon, A.A.P.G., Pacific Section, Luncheon Meeting, Roger Young Auditorium, 936 W. Washington Blvd., Los Angeles.

December 8, 1949, Thursday, 6:30 P.M., A.I.M.E., Petroleum Branch, Junior Petroleum Group, Rio Hondo Country Club, Downey.

December 9, 1949, Friday, 9:00 A.M., A.I.M.E., Mining Branch, Field Trip, Rock and Gravel Plants; Assemble outside Biltmore Hotel.

December 16, 1949, Friday, 8:00 P.M., A.A.P.G., Coastal Geological Society, Mar Monte Hotel, Santa Barbara, Dinner Dance (informal).

December 19, 1949, Monday, 7:00 P.M., A.A.P.G., Pacific Section, Geological Forum, Edison Bldg. Auditorium, 601 W. 5th St., Los Angeles.

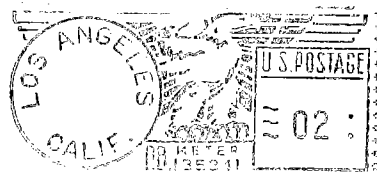
January 9, 1949, Monday, 7:30 P.M., A.I.M.E., Metals Branch, So. Calif. Gas Co. Auditorium, 830 So. Olive, Los Angeles.

January 12, 1949, Thursday, 12:00 noon, A.A.P.G., Pacific Section, Luncheon Meeting, Roger Young Auditorium, 936 West Washington, Los Angeles.

January 12, 1949, Thursday, 6:30 P.M., A.I.M.E., Junior Petroleum Group, Rio Hondo Country Club, Downey.

January 17, 1949, Tuesday, 8:00 P.M., A.P.I., L.A. Basin Chapter, Shell Recreation Hall, Long Beach.

January 23, 1949, Monday, 7:00 P.M., A.A.P.G., Pacific Section, Geological Forum, Los Angeles (place to be announced.)



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