

# PACIFIC PETROLEUM GEOLOGIST

## NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

January 1950

No. 1

### ASSOCIATION ACTIVITIES

L. A. LUNCHEON

The first of the monthly luncheon meetings under the regime of new officers was held at the

Rodger Young Auditorium on December 8th.

After Mill Lewis dried the cold sweat on his brow (caused by the thought of someone being seated at the table without Mill having sold a \$1.90

ticket) the luncheon proceeded amiably through salad, Swiss steak with trimmings and a whipped

cream topped pudding.

Rollin Eckis gave a most enjoyable travelogue of Alaska with the interest of everyone being

captured by an oil seep that looked like Magra Falls and an especially fetching shot of Los

Angelenos from the areas east and west of Umat

showed difficulties encountered in drilling and numerous questions were answered in connection with

the foundation for rigs in permafrost. A unique feature discussed was the installation of refrigerator

not and return from thawing the permafrost and thus destroying the firm foundation for the derrick.

A well deserved, unanimous vote of thanks to the officers and their assistants of last year was

given to close the meeting and everyone scurried into the rain to try and find some oil.

### DISTINGUISHED LECTURER

Mr. R. M. (Max) Leggett will speak before the

Pacific Section societies during the period January 19th - 23rd. Mr. Leggett's subject is "Elements

of Ground Water Hydrology", a subject on which he is an outstanding authority.

Max Leggett received his doctorate from the University of Chicago where he was, in addition to

being a leader in geological activities, a football star. He was a practicing ground water geologist

with the U. S. Geological Survey for over twenty years, and during the last war he served as a Major

in the Army in water supply and sanitation work for large areas in Algeria and Morocco. Recently he

has been active as a consultant with offices in New York City. He has contributed extensively to the

science of groundwater hydrology and sedimentary geology.

A large audience undoubtedly awaits "Max" at each stop on his itinerary while visiting the Pacific Section.

### COAST SOCIETY

The Coast Geological Society held its December meeting recently at the Barbara Hotel. William

Booth, consulting geophysicist, spoke on "The Magnetometer and its Geologic Interpretation."

Cmdr. Louis J. Knott, Inspector of Naval Reserves, showed a U. S. Navy motion picture entitled

"Alaskan Oil Operation."

Twenty couples pronounced as a complete success the first dinner-dance of the Coast Geological Society, held on December 16th at the Mar Monte

Hotel in Santa Barbara. You may prescribe your own dose of salt to be taken with the remark of the

manager, to the effect that the Society was the best behaved crowd he'd ever had.

### SALINAS VALLEY SOCIETY

A meeting of the Salinas Valley Geological Society was held at the Paso Robles Inn Thursday,

December 20th. Many visitors from Santa Barbara, Ventura, Los Angeles, Bakersfield, San Francisco,

and Orcutt enjoyed smorgasbord (Paso Robles Inn variety) and engaged in a very interesting round

table discussion of the Salinas Valley. Conversation was guided by Jim Douglas toward two im-

portant questions: (1) Can the Salinas Valley produce high gravity oils? and (2) What is the best

method of study to solve stratigraphic problems, such as sand permeability. Charlie Manlove was

questioned on possible analog conditions in the Santa Maria basin, and Harry Campbell added inter-

esting comments on the general geologic picture. Attempt was made to delineate areas of promise from

those not so attractive, on the basis of concentration of exploration effort, absence of source beds,

and outcrop of producing horizons. After adjournment to the bar where "one for the road" was in-

haled, members and visitors departed to digest both the smorgasbord and the discussion.

### FORUM

The regular December meeting of the Geological Forum was held at the Edison Auditorium on

Monday the 19th. Joe Hatheway served as chairman. Mr. E. C. Babson, engineer for Union, pre-

sented an absorbing paper on reservoir performance in which he discussed the factors which in-

fluenced it not govern selection of methods of reservoir drainage for highest percent recovery. He

discussed the need for determining whether an oil field is the depletion type, a gravity drainage

pool, and/or a water drive accumulation. Hand and fast methods of well completion should not be

adopted until this information can be determined. The use of a mobility factor, which is a function

of permeability of the reservoir rock and viscosity of the oil, aids the engineer in determining the

most efficient rate of production, and in solving gas injection problems.

President (Bill) Pemberton offered Colombian oil fields to any company prepared to put the geologic

personnel of that lockless company must be prepared to dodge poisoned arrows in an expert manner.

### BAKERSFIELD SCOUT PARTY

The long awaited annual Year-Season get-together sponsored by the Central Valley Scouting Association was held at the El Telon, Friday evening,

December 16th. The clink of ice in glasses punctuated sober

conversation as the swab was run to determine "how much sand". A table loaded with salads, cold cuts,

vegetables, etc, supplied the solid type of nutrient. As the evening progressed the conservative

that basement high in Section 12" or "Do you think they were high enough on structure?" to an intense

"I raise---the price of poker, gentlemen, is one dollar and a half" or "Snake eyes - pick up the

money". Gradually the din subsided to a roar and individuals looking downcast and broke, happy and

lucky, or just plain happy adjourned to wait next years party.

BIBLIOGRAPHY OF RECENT PUBLICATIONS

\*\* Pacific Coast Geology
\*\* Other Articles of Special Interest
SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

\*\* Calif. State Div. of Oil & Gas. Summary of Operations, Vol. 34, No. 2, July-Dec. 1948.

Journal of Geology, Vol. 57, No. 5, Sept. 1959
Calcine in South Eastern New Mexico, by J. Harlan Bretz and Leand Horberg, pp. 491-511.

\* Oil Fields of North America by W. A. Van Wiebe, Edwards Bros. Inc., Ann Arbor, Mich. 1949. Price - \$6.00.

U. S. Bureau of Mines, Technical Paper No. 717
"Asphalts from Rocky Mountain Crude Oils," by K. E. Stanfield and Rethel L. Hubbard.
U. S. Geol. Survey, Oil and Gas Investigations Preliminary Chart 34, 1949

\*\* Lower Tertiary Stratigraphy of Mt. Diablo, Marysville Buttes and West Border of Lower Central Valley at California, by Ralph Stewart. Price - \$1.00

Preliminary Map 97, 1949
\*\* Geology of the Coastal Area from Cape Klwanda to Cape Foulweather, Oregon; by Parke D. Shavelly Jr. and H. E. Vokes. Price - 50¢

Preliminary Map 98, 1949
Geology of the Woodbine Formations of Cooke, Grayson and Fannin Counties, Texas by H. R. Belquist. Price - \$1.00

Preliminary Map 99, 1949
Map of the Berea Sand of Northern Ohio, by Wallace de Witt Jr. Price - 50¢

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

World Oil, Dec. 1949

\*\* "Submarine Geology and Stratigraphy," by Dr. Francis P. Shepard, pp. 72-77
\* "Expansion in Western Canada," by Roy E. Leigh, pp. 221-228
\* "The Western Canada Sedimentary Basin Area," by Theo. A. Link, pp. 250-246

Jan. 12, 1950; Thurs., 12:00 Noon, AAPG Pacific Section, Luncheon Meeting, Hodger Young Auditorium 936 W. Washington, Los Angeles - E.W. Hoylman, "Significant Differences Between Airborne and Ground Magnetic Surveys".

Jan. 12, 1950; Thurs., 6:30 P.M., AIME Junior Petroleum Group, Rio Hondo Country Club, Downey, Nico van Wingen, "Consideration of Well Spacing".
Jan. 17, 1950; Tues., 12:00 Noon, SEG Luncheon Meeting, Clark Hotel - Dr. L. B. Slichter, "The Electromagnetic Methods for Ore Prospecting".
Jan. 17, 1950; Tues., 8:00 P.M., API L.A. Basin Chapter, Shell Recreation Hall, Long Beach - Robert Marcus, "Shaped Charges" and movie, "African Big Game Hunt".

Jan. 17, 1950; Tues., API San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield.
Jan. 18, 1950; Wed., 7:30 P.M., API Coalings-Kettleman Chapter, Polvadaro Country Club, Coalings - E. E. Pyles, "What is Happening to the Oil Business at Home and Abroad".

Jan. 19, 1950; Thurs., 7:30 P.M. AAPG Pacific Section, Distinguished Lecture, Edison Bldg. Auditorium, Los Angeles - R. M. ("Max") Leggett, "Elements of Ground Water Hydrology".
Jan. 20, 1950; Fri., 7:00 P.M., AAPG Coastal Geological Society, Santa Barbara, Distinguished Lecture - R. M. Leggett.

Jan. 23, 1950; Mon., 7:00 P.M., AAPG San Joaquin Valley Geological Society, Bakersfield, Distinguished Lecture - R. M. Leggett.

Jan. 23, 1950; Mon., 7:00 P.M., AIME Petroleum Technology Group, Ethyl Corp. Auditorium, L.A. - Read Winterburn, "Terminal Zone, Wilmington".

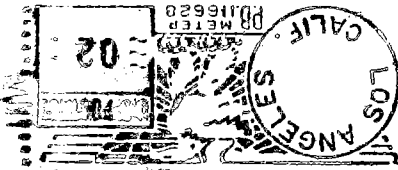
Feb. 6, 1950; Mon., 7:30 P.M., AIME Metals Branch place to be announced, "Physics of Metals, Part II, Theories of Deformation and Fracture".

Feb. 14, 1950; Tues., 6:30 P.M., AIME Junior Petroleum Group, Rio Hondo Country Club, Downey.

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Mr. Fred R. Neuman
391 E. 4th St.
Chicago, Calif.



CALENDAR

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PACIFIC PETROLOGICAL GEOLOGISTS

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- Editor: John Loubouroum
- Assistant Editors: Ted Bear, Sam Stewart
- Department Editors:
  - Activities: Robert Maynard
  - Personal Items: Richard Ballantyne
  - Selected Bibliography: Jack Tomkins
  - Calendar: J. Douglas Taylor
  - Cartoonist: Harold Sullowid
  - San Joaquin Representatives: Everett Pease
  - San Francisco Representatives: Robert H. Paschall
  - Coast Representatives: Robert H. Paschall

Next deadline February 7, 1950

PERSONAL ITEMS.

what misguided "Cal" men recently played upon the patriotism of a certain Ohio (Oil Company) official to negotiate waging agreements which thereby led to their financial discomfort?

The Central California Scouting Association recently elected the following officers: Halp Brodek - chairman; Barney Lindsey - Secretary-Treasurer; Bob Rist - Chairman of the Executive Board.

Jack Beach recently winged his way to Mexico City, presumably on business although it sounds like a fine way to have a mid-winter vacation.

Ed Holt of Superior Oil Company has been transferred from Paso Robles to Bakersfield.

Jack Ony became the newest bridegroom in the valley area when Miss Carla Platzek of Tart became his bride on December 3.

Bill Kleinpell managed to be in Texas in time to see the Notre Dame-S.M.U. game. Nice work if you can get it!

Page Richardson, a recent UCLA graduate, has accepted a position with the Tide Water Associated Oil Company in Caspar, Wyoming.

Ted Easton, consultant; Kase Hill and Chet Baker, Richfield; Bill Whitley, General Petroleum; and Bob Maynard, Barnsdall were among the entries at the recent Southern San Joaquin Valley Tennis Tournament held in Bakersfield.

Paul McGowney, Honolulu Oil Company, recently headed north for a well deserved vacation.

Bill Murphy, Vic Heinzertling and Lee Faust were hosts to about forty Los Angeles geologists and scouts and their respective secretaries on December 19th for Christmas luncheon at the Clark Hotel. Frank Carter walked away with top honors, as usual, for his entertaining stories.

Your confidential reporter has heard many rumors and contradictory statements regarding a recent hunting incident and presents Hank Neel's version herewith:

"Mr. Bill Thomas of the Shell Oil Company in Ventura is now a candidate for the Order of the Purple Heart. Mr. Thomas was wounded in action on the first day of duck season at McGrath Lake near Ventura. The position of the wound might lead some people to believe that Bill was in retreat at the time the shot was fired. However, as a witness to the action I can testify that this was not the case. Bill was actually bending over to pick up a duck which he had just shot. Bill's reaction to the wound was immediate and violent, however, an examination revealed no blood and the concussion must be reached that it was more insult than injury."

Dick Ballantyne recently took a party of forty UCLA seniors on a field trip covering oil fields on the Inglewood-Newport trend. It is reported that not more than ten students were asleep at any one time.

Richard Stewart, UCLA 1949, is now with the geological department of the Union Oil Company.

C. D. "Chuck" Edwards has recently been transferred from the Durango, Colorado office to the Los Angeles office of the General Petroleum Corporation.

E. C. "Eddie" Edwards has moved his offices from Laguna Beach to his new home at 255 Evening Canyon Road, Corona del Mar.

Division as Division Geologist.

transferred from the Coastal to the Northern

Division Geologist. Irving Schwade has been

Southern Division under Hanley Natland, Div-

Marla Division has been incorporated into the

filled by Mason Hill. The Coastal and Santa

Chief Geologist, has been created which is

the following changes: A new position, Asst.

Richard Oil Corporation has announced

Dan Nolan of the Capital Company received an early Christmas package on December 14th when his wife presented him a new daughter -- Kathy is the name.

Mr. and Mrs. Lloyd A. Lewis announce a new daughter born December 12, 1949. This makes two girls for the Lewis family.

Bill Merrill will soon be adding another room to his Ojai abode. Another boy, Glenn Sherman, arrived December 4, 1949.

Did you know that Joe Hudson of the Humble worked at Santa Fe Springs for the General Petroleum in 1930?

Manley (Security bit) Natland is studying for his doctor's degree at UCLA.

Tex Leverett has resigned his position with the Superior Oil Company in Bakersfield to accept a position as scout for the Union Oil Company at Santa Paula.

The geological staff of the Shell Oil Company in Ventura is being moved to separate offices. The company is remodeling a private home which has had most of the bars removed from the windows.

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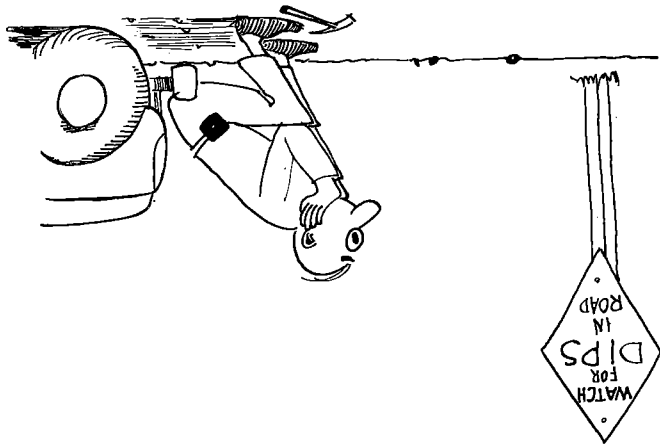
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BY SUWOLD

ANDY CLINE



"HI JINKS"

amid the loud chatter of falling trays, breaking glass and raucous cries of the inebriated, the more conservative element attempted to interpret the feeble and sometimes garbled transcription of the annual industry "Hi Jinks".

Unfortunately the recording on the amplifying equipment was faulty at times, making it difficult for those several rows away from the stage to hear well. It was gratifying to learn that every tool-pusher has in hand the means to check Schumberger's and diller's depth and the mystery of how Union purchased Los Mitoes was completely explained.

A rapid fencing act by professionals took on more interest when a buxom young lady inadvertently consented to duel with the master. Yawns changed to cheers as the shy dog succeeded in succeeding to the pupil of her parent, article by article, with expert use of the foil. A very clever "pickpocket" extended himself and managed to take Harold Hoots' red suspenders as well as other gentlemen's watches, wallets, fountain pens, etc. (It was all in fun) The climax of the professional portion of the show was a Beauty and the Beast act in which a fair maiden was gorilla-handled to the extent of causing several members of the audience to threaten to "shoot the thing". All in all a very entertaining evening.

QUESTIONS

Have you paid your 1950 dues to the Pacific Coast Section? All those not having paid are urged to do so at once. If you wish to continue to receive notices of Pacific Coast Section affairs, mail your check for \$2.00 to Milton W. Lewis, Secretary-Treasurer, Room 904, 714 West Olympic Blvd., Los Angeles 15, California.

PACIFIC COAST SECTION

George Gaylord Simpson, outstanding vertebrate paleontologist, recently addressed members and friends of the Geological Society of U.C.L.A. An interesting point in Dr. Simpson's talk was the description of the use of vertebrate fossils in the thick continental deposits of Utah and Wyoming to determine high and low blocks of essentially vertical faults which are important structurally in the oil accumulations in those districts.

Al Bowie, Johnny Curran, Walt Gerhard and Quentin Query sloshed through a rainy Sunday and a case of beer helping Bob Paschall move to his new home in Ventura.

Bill Cunningham has resigned from his position with the Bishop Oil Company in Bakerfield. After January 15 he will be associated with the Brazos Oil and Gas Company with offices in Lodi.

Joe Ernst, Pomona 1949, is now Asst. Geologist for the Texas Company with headquarters at Fort. Joe is replacing W. D. Lowry who has resigned.

Gene Davis was seen in town before Christmas. He came down from Alaska via Washington, D. C.

Nine Division of Oil and Gas staff members including Messers, R. D. Bush and E. H. Musser, were entertained for Christmas luncheon December 15th by the Los Angeles major company scouts at Carl's Restaurant.

Has anyone seen the red glow on Harry Feder's brow since he received his L.A.A.C. statement for December? Thanks for the lunch, Harry.

Alex Tarbet, Standard's representative in the Salinas-Santa Cruz area, has been under the weather for over a month now due to an attack by an unknown virus.

"Monster" Tom Angell looks less like Frankenstein and more like a Texas Co. man daily since the doctor cracked his shell and gave him a corset to wear. Very shortly Tom should be tramping the hills again as his back is improving nicely. From now on he plans to keep all four wheels of his car on the ground, he says.

U.S.C. TALK

Art Huey, our new Asst. spoke before the Omega Chapter of the Sigma Gamma Epsilon and members of the Geology Department of U.S.C. on the evening of December 1st. The subject of his talk was, "Sub-surface interpretation of the faulting in the Russell Ranch field, Cuyama Valley". It was explained that a large normal fault, called the Russell Ranch fault, and its associated branch faults form the trap for the oil accumulation there. The White Rock thrust fault was pictured as a much younger fault which has overridden and masked the subsurface details of the underlying oil field.

LOST

One gabardine topcoat with label "Swift Ltd., San Francisco", by Fred Menken, Tildewater Associated Oil Company, 79 Montgomery St., San Francisco, California. This coat was misappropriated at the Luncheon Meeting on December 8th at Roger Young Auditorium. The offender may obtain his coat by returning Mr. Menken's coat to Milton W. Lewis, Room 904, 714 West Olympic Blvd., Telephone PR-3572.

# PACIFIC PETROLEUM GEOLOGIST

## NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

No. 2

February 1950

Volume 4

### JANUARY FORUM

After an unavoidable delay due to plane ground-

ings by weather in the East, Dr. Max Leggett, A.A.P.G. distinguished lecturer, addressed members of the L.A. section in the G.P. Auditorium on Monday, January 23rd. His talk, "Elements of Ground-water Hydrology" proved extremely interesting.

The Hydrologic Cycle of precipitation, runoff and percolation, evaporation and transpiration was discussed in some detail with the practical significance of distinguishing between aquifer and zone of saturation, water wells emphasized. Several references to the water system of Long Island, New York, were made and it was pointed out that the recent New York shortage was not due to faulty planning for maximum utilization of the ground water potential but was due rather to an abnormally low precipitation with resultant depletion of catchment type reservoirs. The New York water supply system depends largely on these, rather than ground water.

An interesting highlight was the discussion of the rapidity of purification by nature of both polluted and contaminated waters. Based on strong evidence of this phenomenon, the very practical (but unpleasant) thought was offered that perhaps reuse of sewage waters may in certain critical areas be a partial answer to the water supply problem.

### DISTINGUISHED LECTURER

The association's distinguished lecturer for

February is Dr. Fred B. Phleger, Associate Professor of geology at Amherst College, who will address the groups of the Pacific Section on the subject "Offshore Sedimentology, Northwest Gulf of Mexico".

Dr. Phleger received his bachelors and masters degrees from California schools and his doctorate from Harvard. He was instrumental in the establishment, at Woods Hole, of the project of study of sedimentation in the Gulf of Mexico. This study, under the sponsorship of the U. S. Navy, has since been pursued at Scripps Institute of Oceanography where the laboratories are now located.

The Los Angeles section will hear Dr. Phleger at a dinner meeting (to be held in lieu of a February luncheon meeting) at the Rodger Young Auditorium February 22nd.

It is anticipated that Dr. Phleger, who is a widely known authority on sedimentation, will be received by a large and enthusiastic audience at each of the several Pacific Section groups.

### PAVILL

According to national A.A.P.G. records there are 782 members in the Pacific Section. As of the 26th of January, 1950, only 456 of these members have paid local dues for the coming year. On

March 1st, the Secretary of the Pacific Section will delete from his mailing list all those persons who have not paid their two dollars local dues for 1950. So please check to make certain that you have paid so that you will continue to receive notices of meetings and copies of the Pacific Petro-

leum Geologist. Dues may be mailed to Milton W. Lewis, Room 904, 714 West Olympic Blvd., Los Angeles 15, California.

### ASSOCIATION ACTIVITIES

#### L. A. LUNCHEON

The regular luncheon meeting of the L.A. section was held in the green room of the Rodger Young Auditorium on Thursday, January 12, 1950.

An above average crowd of seventy-nine geologists and visitors enjoyed a well served and delicious meal of baked ham with all the trimmings. Mr. Lewis reported the results of a vote on where to hold future luncheon meetings to be overwhelmingly in favor of Rodger Young's Auditorium.

President Rembertson asked Homer Steiny to begin negotiations and arrangements for the trip of a Pacific Section delegation to Chicago in April for the National A.A.P.G. convention.

Upon the presenting of the question by Art Huey, decision was made by the group to not limit the choice of future luncheon speakers to qualified geologists or related topic speakers but to invite leaders in all phases of the petroleum industry. It was suggested that sales, advertising, personnel and other management problems in general are all too often totally unrecognized by the geologist and that such a variance of luncheon programs would be highly beneficial.

Mr. Wayne Holman, Chief Geophysicist for Fairchild Aerial Surveys spoke very interestingly on "Significant Differences between Airborne and Ground Magnetic Surveys".

Mr. Holman strongly advocated further use of the airborne magnetic survey in California. He pointed out that anomalies of the magnitude of 5 to 25 gamma are usually uninterpretable if recorded by a ground survey, but that this order anomaly may be highly significant if recorded in an airborne survey.

The basis for Mr. Holman's belief in this regard is primarily that many "surface" or "near surface" causes of anomalies while strongly influencing ground surveys are minimized by an air survey.

The value of the use of the second derivative of the original curve was demonstrated by showing the ease by which small anomalies on the original curve are greatly magnified on the derivative.

A magnetic profile from Santa Barbara to Santa Cruz Island to Santa Monica was presented and attempt was made to correlate with the known geology.

Discussion of Mr. Holman's talk was confined to further interested parties in informal groups.

#### S. E. G.

The Society of Exploration Geophysicists announces the following nominees for executive officers of the national organization during the year 1950-51. For President: G.E. Waggoner, Carter Oil Co., Shreveport, and Maurice Ewing, Columbia University; for Vice President: D.H. Clowell, Magnolia Petroleum Co., Dallas, and Sigmond Hammer, Gulf Research and Development, Pittsburg; for Secretary-treasurer: R.F. Campbell, Amerasia Petro-

leum Co., Bartlesville. The results of a mail ballot will be announced in April.

At a recent meeting of the Pacific Coast Section of the S.E.G. the annual Spring meeting in Bakerville was discussed and a very enlightening illustrated talk on "Electro-Magnetic Methods of Ore Prospecting" was given by Dr. L.B. Slichter of U.C.L.A.

BIBLIOGRAPHY OF RECENT PUBLICATIONS

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

Am. Jour. Sci., Vol. 247, No. 11, Nov. 1949

"Definitions of Arkose" by Steven S. Ortel, pp. 824-829.

Am. Jour. Sci., Vol. 24, No. 12, Dec. 1949

"Radium Content of Ultramafic Igneous Rocks: Geological and Chemical Implications" by G. L. Davis & H. H. Hess, pp. 856-882

Bull. G.S.A. Vol. 60, No. 11, Nov. 1949.

"Valley Widening Processes in the Colorado Rockies" by B. A. Taylor, pp. 1771-1784

Oregon State Dept. of Geol. & Mineral Industries Bull. No. 36, Oct. 1949

\*\*"Local Relationships of the Molusca, of the Wildcat Coast Section, Humboldt Co., Calif." by Robert E. Stewart and Katherine C. Stewart, pp. 166-208

Scientific American, Dec. 1949

\*"The Fuel Problem" by Eugene Ayres, pp. 32-39

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

Munger Oilgram Annual Report 1949

\*\*"Flaccid Oil Field" by Robin Willis, pp. 1-12

Oil and Gas Journal Dec. 29, 1948

\*\*"Aliborne Magnetometer Profiles Across Guyana Valley" by H. Wayne Hoylman, pp. 55-57

"Tomorrow Tools - Today! Vol XV, No. 4, Lane Wells, 4th Quarter - 1949

"Gonestof Performance" (Part 3) by Val L. Forsyth and John T. Gardner, pp. 4-9

"Radioactivity Well Logging Moves North to Canada's Fields" by S.W. McGaha, pp. 28-33

World Oil January 1950

"Heat Surveying with Radioactivity" by R. A. Stohart, pp. 61-63

World Petroleum January 1950

"South America Oil Resources and Politics" by Dr. J. E. Hassnuss, pp. 38-42

The Mines Magazine December 1949

"Fourteenth Annual Petroleum Number

Feb. 13, 1950; Mon. 7:00 p.m. AAPG Pacific Section Geological Forum, Edison Bldg. Auditorium, Los Angeles. H. Kerdorougn, "Gastate Junction Discovery", and J. E. Walstrom, "Electric Log" and Development"

Feb. 14, 1950; Tues. 7:00 p.m. AAPG Coastal Geological Society, Dinner Meeting, Eaton's, Santa Barbara. D. Regland, "Offshore Drilling

Feb. 16, 1950; Thurs. 7:30 p.m. UCLA Geological Society, 310 Chemistry Bldg. Dr. Riley, "Fundamental Approach to Earth Science Problems".

Feb. 16, 1950; Thurs. 7:00 p.m. AIME San Joaquin Valley Chapter, Dinner Meeting, Buckhorn Ranch House, Tart.

Feb. 20, 1950; Mon. 3:45 p.m. Stanford Journal Club, Palo Alto. Jack O. Horton, "Origin of Petroleum".

Feb. 21, 1950; Tues. 8:00 p.m. API San Joaquin Valley Chapter, Tart.

Feb. 22, 1950; Wed. 5:30 p.m. AAPG Pacific Section Dinner Meeting, Roger Young Auditorium. Distinguished Lecture, Fred B. Phleger, "Offshore Sedimentology of N.W. Gulf of Mexico."

Feb. 22, 1950; Thurs. 7:00 p.m. AAPG San Joaquin Valley Geological Society, Dinner Meeting, Bakersfield Inn. Distinguished Lecture, F.B. Phleger.

Feb. 24, 1950; Fri. AAPG Northern California Geological Society, San Francisco. Distinguished Lecture, F. B. Phleger.

Feb. 27, 1950; Mon. 3:45 p.m. Stanford Journal Club, Palo Alto. Chas. L. Beaudry, "The Austenite-Martensite Transformation".

Mar. 2, 1950; Thurs. 8:00 p.m. AIME Mining Branch, Hancock Auditorium, U.S.C. Panel Discussion, "Role and Responsibility of the Geologist vs. Mining Engineer in Exploration and Exploitation of Mineral Resources".

Mar. 2, 1950; Thurs. 6:30 p.m. ONSA Dinner Meeting, Rio Hondo Country Club, Downey.

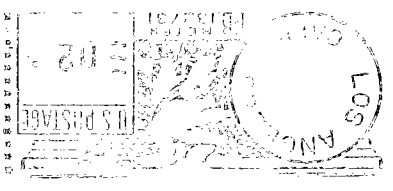
Mar. 6, 1950; Mon. 3:45 p.m. Stanford Journal Club, Palo Alto. P.A. Leylander, "Regional Aerogeological Mineral Exploration".

CALENDAR

Mr. Fred R. Neuman  
381 E. 4th St.  
Chicago  
California

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Editor: John Looftourou  
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Department Editors:

- Activities: Robert Maynard
- Personal Items: Richard Ballantyne
- Selected Bibliography: Jack Tomkins
- Calendar: J. Douglas Traxler
- Geologist: Harold Sullwold
- San Joaquin Representative: Everett Pease
- San Francisco Representative: Willard Classes
- Coast Representative: Robert Paschall
- Salinas Representative: James O'Flynn

Next deadline February 27, 1950

L.A. A.I.M.E. MEETING

The Pacific Petroleum Chapter of the A.I.M.E. met Wednesday, January 25th, at the Clark Hotel, and San Law, introduced by M.D. Hughes, presented a paper of much interest to local geologists; the topic: "The Wilmington Oilfield Baroque: Damage and Remedial Measures". Evidence was presented in the pattern of the shearing of well casings to support the theory of the lateral thrusting in a subsidence area. As the shape of the area of subsidence has been well studied and repeated precise leveling has established rates of subsidence in many places, the location of the axis of greatest subsidence is fairly well known. The oilfield damage is located essentially on the southern flank of this active downwarping. As oil casing was sheared by the lower portion, moving southward with respect to the lower portion, light is thrown on the mechanism by which this folding is occurring.

It was felt after studies of well histories and correlation with Cal. Tech. seismicograph records that the movement was essentially sharp and short in duration in 1947, as well as in November of last year. It is believed also that the maximum slippage, insofar as it can be determined, is localized on one or two planes rather than many.

U. S. C.

An interesting and timely discussion of taxation and of influence on exploration for oil was presented by A. M. "Bud" Campbell to members of the Omega Chapter of Sigma Gamma Epsilon at U.S.C. on January 12th. Bud's talk provided an excellent background for the evaluation of the proposed changes in the depletion allowance.

COAST GEOLOGICAL SOCIETY

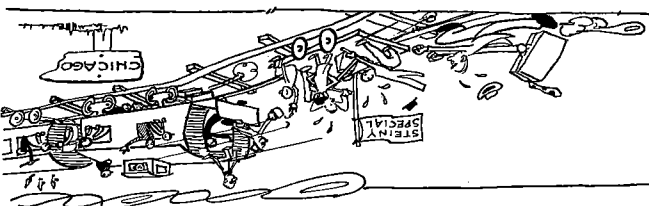
A dinner meeting of the Coast Geological Society will be held Tuesday, February 14th at Baton's Restaurant in Santa Barbara. Feature speaker will be Douglas Hagland of the Humble Oil and Refining Company who will talk on "Offshore Drilling and Development." Mr. Hagland is Assistant Chief Petroleum Engineer for Humble in Houston, Texas and is making the trip out from Houston especially to give this talk.

PERSONAL ITEMS

It is with interest that we note the name of Raymond V. Darby among those listed in the January Bulletin as applying for associate membership in one of Los Angeles County. D. B. Myers is recuperating from an emergency appendectomy.

Special cars to the 35th Annual A.A.P.G. Convention in Chicago leave Los Angeles, Friday, April 21st at 5:00 P.M. The train, the U.P. streamliner, "City of Los Angeles", has club car, barber and valet service, radios and baths, and rolls rapidly on Timken bearings. The fare: one way, \$106.50 (includes 17.25 extra fare and tax) Pullman space (one way) is as follows: Lower berth (one person) \$20.99 Roomette (one person) 29.38 Bedroom (one person) 39.91 (two persons) 46.17 Compartment (two persons) 59.17 Drawing Room (two or three persons) 79.51 No special party is being organized for the return trip but the transportation committee of Homer Steiny, Harold Hader and Irving Frazier have investigated several different routes of return by train and air. Some through Canada, others via New Orleans or San Francisco, and one by way of the Grand Canyon. Should direct return by Union Pacific be desired, a round trip fare may be purchased for \$149.64. Full particulars may be had and reservations may be made by getting in touch with Homer Steiny, Tidewater Associated Oil Co., 842 Pacific Electric Building, Los Angeles 14, -- Phone: Michigan 6251.

A.A.P.G. NATIONAL CONVENTION



Orvin Wagness, who was formerly in the Rocky Mountain area for Superior, has recently taken over as scout in the Bakerville office. Shell's Ventura Exploration headquarters recently welcomed the following travelers to its fold: R. L. Blocher, James Gowell, H. J. Frost, G. C. Lutz, James Moore and Lyle Smith. That Cassel, Union Oil Company, is back from Paresney. Walt Heathman is in town from Canada. He is staying at Palm Springs for a few weeks. John Frick, M. A. from U. C. L. A., is now with the Humble Oil & Refining Company. Ted Bear and Dick Fagstoll will be seeing a lot of each other from now on. They have recently purchased adjacent lots in Alta Canada. The Mining Branch of the A. I. M. E., Southern California Section has been newly formed. Ian Campbell and Richard H. Johns have been elected chairman and secretary, respectively, for 1950.

Al Hilton is now headquartered at Santa Paula in the Division Offices of the Union Oil Company. Richard G. "Dick" Reese, formerly with Standard Oil Company, is now associated with the Arctic Exploration Company in Alaska. Phil Patton, lately from Nevada, is wintering at Continental's office in Ventura. Pat Patterson of Shell Oil Company is now a research geologist and Cliff Edmondson has taken over Pat's scouting duties. Erwin W. Clark of Sacramento has been seen asking all geologists he encounters to assist in the preparation of the A. A. P. G. stratigraphic paper cross-section.

Dick Nelson and Earl Heater of the American Overseas Petroleum Co. have moved to New York with the transfer of company headquarters. E. W. Butterworth, president of the company, plans to remain in San Francisco.

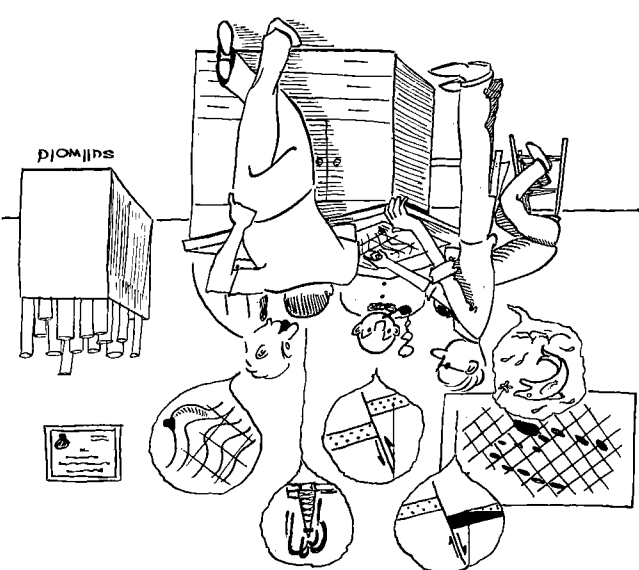
L. E. McCord, scout for the Shell Oil Co., Inc. at Caspar, Wyoming, has been in southern California on a combined honeymoon and business (?) trip.

J. E. Matter has been transferred by British-American to Texas as Manager of Exploration for West Texas, North Texas and New Mexico. His new address will be c/o British-American Oil Producing Co., 906 Life of America Bldg., Fort Worth, Texas. Doctor Vanderhoof, of the Stanford School of Mineral Sciences, gave an interesting talk on the geology of the Humboldt Bay area to the Conte Club recently. With the aid of his crystal ball, which he used during the talk, it is now only a matter of time before the oil which he saw, is being prospected for.

Paul H. Dudley, consultant, is in New York to attend the annual meeting of the Finance Committee of the Geological Society of America scheduled for the tenth of the month. While in the east he may take in the A. I. M. E. meetings.

Bill Barbat, of the Standard clan, is reported in favor of foolproof pilot lights in gas stoves. When he arrived home from the Rose Bowl, and its chills, he found his house empty and dark. Seems the pilot light went out so the family did like - also.

C. G. "Neal" Willis has recently returned from a month-long pleasure trip in central Mexico. He reports the fishing at Acapulco to be "out of this world" - to prove it he has pictures of two marlin that he caught there in one day.



Kurt J. Seib, better known to most as "Blackie" was killed in an auto-train accident at Bakerfield January 6, 1950. He has been associated with the oil industry for many years. Seib first entered the oil industry in California in 1915 with the Rio Grande Oil Company at Long Beach, before becoming associated with the Conservation Committee of California Oil Producers. After six years, he was transferred to Bakerfield, where for the past seven years he has served as field deputy, and as a member of the Central California Oil Scouts Association. In addition to his oil activities, he was well known for his show horses. He entered thoroughbred and trotting horses in competition throughout the state and maintained a string of twelve horses at his ranch northwest of Rosedale. Born in Colorado, Seib came to California 35 years ago. He was 53 years of age.

"Levorsen steps down as Dean of the School of Mineral Sciences at Stanford University." This news item probably came as quite a shock to Stanford men who had been hoping that under his guidance the department would once again rate among the top schools of the country. Dr. Levorsen became dean in 1945. He will remain on the faculty as professor of Geology.

Dr. Charles F. Park, Jr., internationally recognized expert on ore deposits, was named as the new dean of the Stanford school of mineral sciences. He joined the Stanford faculty in 1946. Dr. Park has won wide acclaim as an economic geologist. He was with the United States Geological Survey as chief of the metalliferous deposits section for the fifteen years immediately preceding his association with Stanford University.

Robert D. "Bob" Ford of Schlumberger remains loyal to the Pacific Section in spite of his duties address. Will Lewis reports receipt of Bob's dues and note concerning his family of six children - even up on boys and girls as of October.

Lloyd Johnson, Honolulu Oil Corporation, Bakerfield division, is currently living in the Santa Cruz mountains and trying to keep warm. Too bad drilling did not take place during the summer months. Last week it was 18° and snow is covering the nearby hills. To make it even worse, they measure the rainfall in feet at Boulder Creek.

Congratulations are in order for Harry Sprague, whose wife Rosalyn presented him with a daughter January 16th. Harry is in charge of Supertor's Saudi Arabian operations.

On January 18th, Welden Fryar of C. C. M. O., became the proud father of a baby boy. The Chuck Kirschners announce the arrival of their daughter, Kathryn, born January 28th and weighing in at 6 lb.

Its a baby girl at the Jack Elams. Weight 6 1/2 lbs; date February 7th. Earl Dillon announces the arrival of John Michael Dillon on the 30th of December 1949, just in time to make 1949 statistics.

Frank Getz of the Standard Oil Company received a lucky package on Friday, the 15th of January when his wife presented him with their first child - a son, George Francis.

The Mining Branch of the A. I. M. E. has announced an open forum which is to be held at 8:00 PM, March 2nd, in Room 145, Hancock Foundation, U.S.C. The subject is "The Hole and Responsibilities of the Geologist Versus the Mining Engineer in the Exploration and Exploitation of Minerals. Members of the panel will be Gord Durrell, U.C.L.A., A.H.J. Engel, Cal. Tech, D.F. Hewett, U.S.G.S., Stuart Ingram, Sterna Tale Co., and Kenneth Powell, Kaiser Steel Co.



FEBRUARY FORUM

ASSOCIATION ACTIVITIES

DISTINGUISHED LECTURER

Fred B. Phleger of Scripps Institute of Oceanography, La Jolla, addressed groups of the Pacific Section as the Association's distinguished lecturer for February.

Dr. Phleger's subject, "Offshore Sedimentology, Northwest Gulf of Mexico" generated much interest at each locality at which he spoke and the discussion and comments following his address were stimulating. Twelve traverses in the northwest Gulf of Mexico were made by members of the Wood's Hole Oceanographic Institution, extending from 20 to 3650 meters water depth. Data collected included water temperature, salinity, plankton samples, 550 short cores of undisturbed surface sediments and 100 long ten foot depth.

Dr. P. D. Trask and Dr. H. C. Stetson as well as Dr. Phleger were prominent in the initial examination of the data. The surface sediments were found to be primarily fine grained sandy silts grading to clays in deeper water and sediments from the Sigsbee Deep and the lower continental slope were found to contain approximately 30% calcium carbonate. Small hills on the continental platform are covered with calcareous deposits including coralline life and they are thought to be bioherms. Strong depth zoning of foraminifera was found and six depth zones have been delineated. Fossil boundaries are at approximately 80-120 m; 180-220 m; 500-750 m; 1000-1300 m; and 1800-200 m. Sub facies within the zones are present which are related to a variety of ecologic conditions. It was found in one traverse that the relative rate of sedimentation is approximately 60 times greater in water shallower than 84 m. than at greater depths. This conclusion was based on rate of foraminifera production and population. Several closed troughs on the continental slope appear to be due to faulting or large scale land-slides. A late glacial fauna is recognized in many of the longer cores and the lower fauna in some cores suggests sea level changes or slumping of sediments. The average population of living planktonic foraminifera is 4-5 specimens per cubic meter of water with considerable geographic and bathymetric variation. The greatest production of benthonic foraminifera is in water depths of less than 100 meters.

FOREIGNERS

Of interest is a partial list of A.A.P.G. members who reside outside the Pacific Coast District but continue their membership in the Pacific Coast Section. The Canadian contingent is quite large including Glen Bowers, R. W. Burns, W. W. Heathman, G. L. Knox, C. E. Leach, Ted Lee, and Earl Noble. Three members are outside the continental limits of North America. They are: A. Gregeron, Denmark, E. A. Grubel, Ethiopia, and G. H. Newman, Manila. Some thirteen others reside in states other than California.

MARCH LUNCHEON - L. A.

The Coast Geological Society tendered its official thanks and best wishes to departing Vice President Irving Schwabe (who recently assumed new duties for Schlumberger in Bakertide) and Dick Haines, Continental, assumed the vice-presidential duties. Bill Thomas of Shell is now the Society Secretary and Henry Neel is the newly elected treasurer.

COASTAL SOCIETY

Through the cooperation of the companies concerned, the cores of several Salinas Valley wells were opened to inspecting geologists on February 6th, 7th, 13th and 14th. The tracers opened by a tramped shifting of cores from core houses to the Jennings Oil Company shed to protect them from the rain in which the weatherman had assured every one would fall. (The day was beautiful). In the evening session on the 7th discussion was guided by John Fackler, C.C.M.C. and Tom Baldwin, Jennings, as points on the wells were released. Of particular interest to those gathered was the information offered by Floyd Johnson on Honolulu's recent venture at Santa Cruz. The evening of the 13th a discussion of Salinas Valley Redbeds occupied the geologists of the area.

SALINAS CORE PARTY

The regular forum meeting of the L.A. section for February was held at the Edison Auditorium on the evening of the 15th. Hunter Karboough, Humble, discussed his company's recent Newhall Land and Farming discovery showing slides of the electric log and releasing paleontological and dipmeter information. He presented a conception of the subsurface conditions which may have been responsible for the accumulation, and a generalized regional cross-section linking the discovery to the Newhall-Potrero field. J. E. Walstrom, Standard, gave a most interesting and illustrated talk on the interpretation of electric logs. After discussing the more prominent variables which effect the recorded values of both the self potential and resistivity of bedded rocks, Mr. Walstrom emphasized again the folly of condemning a sand body on the basis of a recorded, but not fully understood, low value of resistivity. Much discussion and many questions followed the talk.

In accord with the recent decision of members of the L. A. section, the first of a series of non-Auditorium, March 9th at the regular luncheon meeting. Mr. W. B. Curtis, general manager of public relations of the General Petroleum Corp. will address the group on the subject "To See Ourselves As Others See Us". A large turnout is expected.