



# PACIFIC PETROLEUM GEOLOGIST NEWSLETTER

of the Pacific Section

American Association of Petroleum Geologists

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## Coast

The Coast Geological Society's annual barbecue picnic was held September 10 at the ever-popular Lagomarsino Ranch in Ojai. All who attended agreed our "chef extraordinaire," Tom Hopps, put on a one-man show. He is a person of many talents!

Champions of the various sporting events were as follows. Horseshoes — Ralph Cahill (stakes 35 feet apart; next year, who knows — keeps getting stronger every year); ping pong — Don Padick; swimming endurance record — Pete Hall (10 laps); pool shark — Dick Berger (ran out of fish); shuffle board — Dick Dyhrman (animal shots). Anyone wishing to challenge these champions will have to wait until next year.

The AAPG Short Course "Deep Water Oil Sand Reservoirs — Modern Concepts — Ancient Case Histories" was presented on September 1 by Oscar Weser of Scripps Institute. There were 149 people in attendance for the lecture, and most came away feeling more knowledgeable about turbidites. The field trip on October 1 took 127 people into the wilds of Hopper Canyon to see the real world they'd heard about the day before. Except for having to abandon a bus in the canyon, the trip went smoothly and was enjoyed by all.

The society has an ample supply of syllabi and field trip guidebooks from the short course for sale. The Syllabi entitled "Deep Water Oil Sand Reservoirs" is \$7.00, and the field trip guide "Deep Water Oil Sand Reserves of the Monterey Formation" is \$3.00. Contact Dick Dyhrman, Union Oil Company, P.O. Box 6176, Ventura, CA 93003, for your very own copy.

The society's first monthly dinner meeting was held Tuesday, October 18, at the American Legion Hall in Ventura. Dr. Jean-Bernard Minster spoke on "Present-day Plate Motions — Worldwide Overview."

Sincerely yours,

KEITH R. WHALEY  
CGS Secretary

## BIG CONSUMER SAVINGS SEEN FROM GAS DECONTROL

Deregulation of new natural gas, a new study claims, would mean a net saving of \$123.3 billion to American consumers over the next 13 years — not the heavy consumer cost attributed by the Carter administration.

The savings would derive from the additional gas supplies resulting from deregulation. They would save consumers the necessity of turning to higher-priced alternate fuels.

These benefits to consumers were shown in a special study for the Natural Gas Supply Committee made by Dr. Edward W. Erickson, professor of economics and business at North Carolina State University.

Dr. Erickson placed the cost of alternate fuels — on a BTU-equivalent basis — needed to replace lower supplies occurring under continued price controls at \$271 billion in the next 13 years. He estimated the cost of deregulation of new gas at \$147.7 billion in the same period. This leaves the net difference of \$123.3 billion in savings.

### Replacement Cost Factor

The professor observed "the great weakness in the administration's cost-impact assumptions and other studies supporting them is that they all fail to calculate the replacement-cost factor.

### Study Lends Support

The Erickson analysis was reinforced by a separate study prepared by Foster Associates. That study stresses that administration spokesmen have largely ignored such deregulation benefits as higher volumes of new gas at prices below the cost of alternate energy supplies, reduced dependence on imports, savings in transportation and distribution costs resulting from availability of more gas, and reduced risk of economic dislocations which are associated with natural gas shortages.

## CALIFORNIA SECTION ASSOCIATION OF PROFESSIONAL GEOLOGICAL SCIENTISTS

All geologists who are considering joining the Association of Professional Scientists should note that the period of reciprocity between APGS and other geological societies ends on January 12, 1978. Prior to that date, full (active) AAPG members, certified AAPG-D.P.A. members, SExG and AEG members can join APGS without the need for five sponsors. The scientific society becomes the sponsoring agent.

The APGS exists to serve all geological scientists and its role is to advance the professional and political status of the science of geology. Its tax situation is different from that of technical and scientific societies, so that it can be active in political affairs. The association maintains a legislative watch in Washington and also on the state and local level as money and membership permits. We were active in the enactment of the Geologists Registration Act in California and the admission of Geophysicists into the act. Since enactment, we have supported the Geology Board in its work and fought, but failed, to stop legislative replacement of professional members by public members, which has made it very difficult for the board to do its necessary work. We were instrumental in passage of legislation for public release of well data in D.O.G. files.

We need more membership in California so that we can have greater clout in Sacramento and do more to advance the science of geology in the public interest. Write today to Art Brunton, Executive Director APGS, P.O. Box 957, Golden, Colorado 80401, or contact me, Howard Anderson, president elect, or area representatives Ralph Cahill, Al Holck, John Sullivan, Bob Schneeflock, Cliff Grey, Claude Fiddler.

EDWARD A. HALL, *President*  
California Section APGS

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*Delegate to Pacific Section*

Ralph Pegors ..... Welex

*Newsletter Editor*

Jeff Smith ..... Chaparral

If this new group performs as well as last years leaders, our society will be tough to beat. Thanks for a fine job last year Captain John and staff.

JEFF SMITH

**UCLA**

The Department of Earth and Space Sciences, University of California Los Angeles, is seeking a palynologist for a part-time temporary position as Lecturer, possibly to offer a Spring 1978 course concerning the uses of pollen and spores in biostratigraphy, paleoecology and evolution, and the uses of palynomorph color and vitrinite reflectance in interpreting the thermal alteration of organic matter. UCLA is an equal opportunity employer. Send bibliographic data by December 1, 1977 to Professor Helen Loeblich, Search Committee Chairperson, Department of Earth and Space Sciences, University of California, Los Angeles, California 90024.

CLARENCE A. HALL, JR.

*Chairman* (213) 825-1475

**CALIFORNIA WELL  
SAMPLE REPOSITORY**

9001 Stockdale Highway  
Bakersfield, CA 93309

**Well Sample Repository  
Catalog Available**

A catalog of the rock sample material contained in the California Well Sample Repository is available free on request. These catalogs may be obtained from:

Dr. John R. Coash—Project Director  
School of Natural Sciences  
and Mathematics

California State College, Bakersfield  
9001 Stockdale Highway  
Bakersfield, CA 93309  
(805) 833-2221

**Location of the Repository**

The Repository is located on the campus of California State College, Bakersfield. The facility is contained in a 6,000 square foot prefabricated steel building completed and dedicated in March, 1976. This building provides space for organized rock sample storage, rock processing equipment, investigative study space and an administrative office. Grant funds received from the Western Oil and Gas Association provided for this building.

**Organization and Administration**

The California Well Sample Repository was established in July 1975 by an Advisory Committee composed of representatives from industry, professional geologic societies, public and private higher education, the U.S. Geological Survey and agencies of the State of California including the State Lands Division, the Division of Oil and Gas and the Division of Mines and Geology. This Committee provides continuing support of the Repository by establishing operating by-laws, by providing fund raising support, by giving guidance in the selection and acceptance of representative rock sample material for collection storage and by providing general guidance in the operation of the Repository in order to maximize the public benefit of the facility.

The Repository is operated by the California State College, Bakersfield Foundation, which provides the personnel, equipment and facilities for the operation of the facility. Grants, donations and other funds received in support of the Repository are administered by the Foundation. The Project Director acts for the Foundation, is the Executive Secretary of the Advisory Committee and is in overall charge of the operation of the Repository.

**Purpose of the Repository  
and Stored Materials**

The purpose of the Repository is to collect, store and preserve rock samples representative of the geologic history, stratigraphic sequences, rock properties and mineral resources of the State of California. The rock samples collected are available for public examination and investigation. The collection contained in the Repository at the present time includes donated rock sample materials from some 1,900 California oil and gas wells. To the extent possible, available ancillary data including well histories, electric logs, core descriptions and rock analyses are collected on wells contained in the Repository.

In addition to oil and gas well samples provision is made for the accumulation and preservation of representative rock sample suites from mining districts, significant outcrop sample collections, near surface and foundation boring samples and mineral commodity samples and collections.

Materials contained in the Repository have been donated from oil company private collections, recently drilled wells, engineering projects and special purpose studies.

Foundation boring samples from several major engineering projects in California, including the Oroville dam site and the Coronado-San Diego Bay bridge are contained in the Repository. Engineering boring samples are considered to be a very important part of this continuing effort to assemble a representative collection of California rock sample materials for public use, study and reference. Donation of engineering samples and oil and gas well cores and samples is encouraged; discussion with the Project Director, John Coash (805) 833-2221, prior to delivery of materials to the Repository is recommended. While collection emphasis is upon California material significant out-of-state rock materials will be accepted.

**Repository Storage Methods**

Card file index of rock sample materials contained in the Repository is maintained on a current basis; from the card file index catalogs are prepared annually for distribution. Telephone inquiries regarding rock materials contained in the Repository may be made to the Repository Curator, Jack Tucker (805) 833-2324.

Oil and gas well sample materials received are, to the extent possible, stored in standardized cardboard containers, labeled for retrieval and  
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Material for publication and requests for previous copies should be addressed to JOHN W. LIDSTROM, TEXACO INC., 3350 WILSHIRE BLVD., L.A., CALIF. 90010.

CHANGE OF ADDRESS, subscription, and membership inquiries should be directed to: MEMBERSHIP SECRETARY, PACIFIC SECTION AAPG, P.O. BOX 1072, BAKERSFIELD, CALIFORNIA 93302.

LOCATION MAP — CALIFORNIA WELL SAMPLE REPOSITORY

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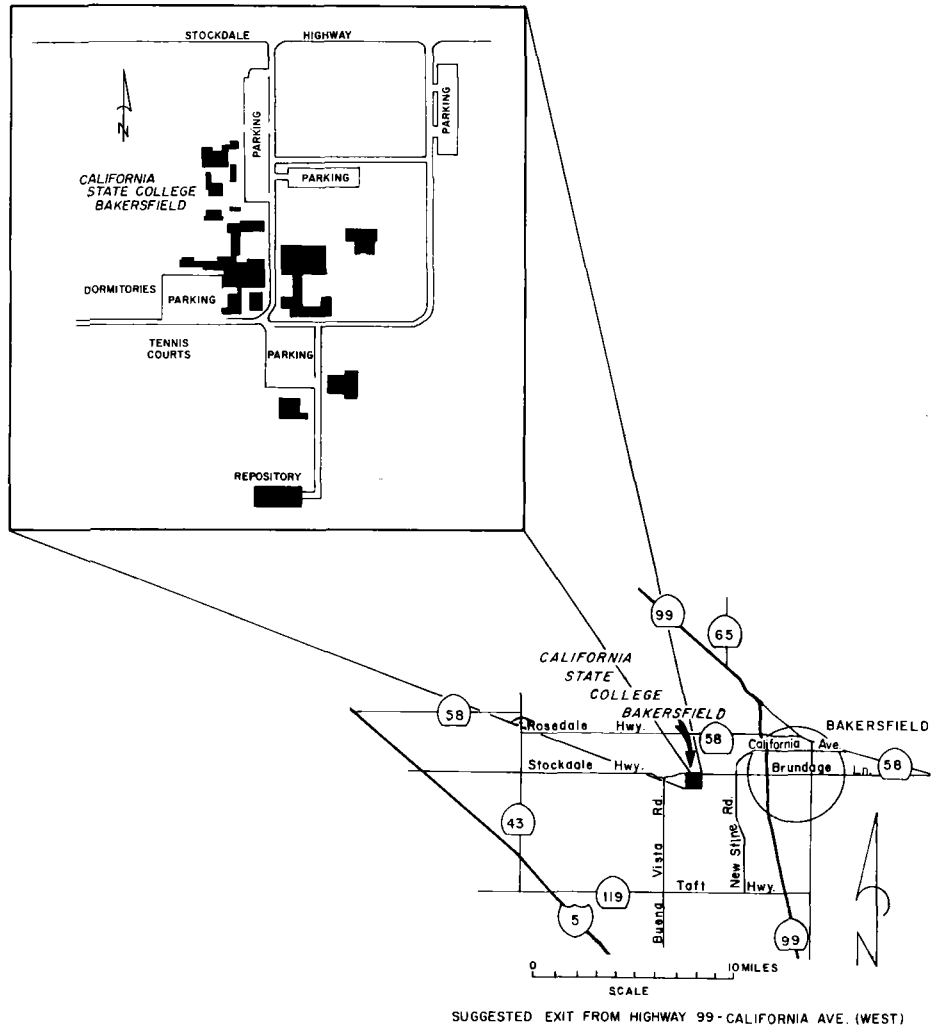
placed on steel shelving. The cardboard containers have dimensions of 41 x 15 x 2½ inches and each carton contains up to 10 feet of rock material. Large diameter core material may be center-sliced to maximize storage space and the residual material discarded. Engineering boring material is generally retained, totally, in the manner in which it is received.

**Examination Facilities and Use**

Examination space is maintained and available in the Repository building. At the present time examination equipment is limited and it is suggested that Repository users provide their own microscopes and other examination equipment. Rock property analysis equipment is not presently available at the Repository. By prior arrangement rock material may be taken from the Repository for testing and analysis at commercial facilities at the users' expense or to the users' own facilities; residual rock material and a copy of all test and analysis results must be returned to the Repository.

The Repository is open for public use from 8:00 to 12:00 a.m. and 1:00 to 5:00 p.m. Monday through Friday. A nominal fee is charged for Repository use. For the convenience of Repository users it is suggested that the Curator, Jack Tucker (805) 833-2324 be contacted prior to visiting the Repository.

**E. C. SPROTTE**  
*Senior Geologist, California Division  
of Mines and Geology*



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