

# AAPG Energy Minerals Division

Loyd A Carlson, President  
P.O. Box 979  
Tulsa, Oklahoma 74101

**NEWSLETTER**  
March, 1978

Vol. 1 No. 2

## TO THE MEMBERS ENERGY MINERALS DIVISION

This is the second issue of the Energy Minerals Division's Newsletter. From now on, we plan to issue it on a regular basis -- quarterly to start, then perhaps every other month. The Newsletter's intent is to be a periodic statement of current activities, announcements of program plans, Division business actions, items of interest and a sounding board for members.

As we've stated before, at this state of our organization we should concentrate our publication efforts on the BULLETIN. Quality papers on any of the Energy Minerals are welcome. Please contact W. R. Moran, Publications Councillor, 1335 Olive Lane, La Canada, CA 91011, if you have a paper or know of one.

We won't plan to include a calendar of events such as is already ably handled by Geotimes. We will try to call your attention to meetings or field trips of special interest to the members of the Energy Minerals Division. You'll see several such announcements in this issue. Please let us know of other meetings that should be publicized.

-- L. A. Carlson

\*\*\*\*\*

## OKLAHOMA CITY CONVENTION REPORT

Energy Minerals Technical Program: Sam Friedman, program chairman, and his committee have arranged four sessions on Energy Minerals, with a total of 31 papers scheduled. These are as follows:

- Nuclear I - Tuesday A.M. April 11
- Nuclear II - Tuesday P.M. April 11
- Coal - Wednesday A.M. April 12
- Geothermal Tar Sands - Wednesday P.M. April 12

See the March BULLETIN for titles and abstracts of papers.

Two papers on coal are scheduled for poster sessions.

We feel that these presentations will offer data and ideas from the leading areas of study of the alternate energy resources. All of us hope that you will attend.

### Energy Minerals Division Business

Meeting: The business meeting of the Energy Minerals Division will be held from 3:00

p.m. - 5:30 p.m. Sunday, April 9, 1978, in the Executive Suite at the Skirvin Plaza, Oklahoma City.

The agenda will include the minutes of the October, 1977 meeting, discussion of the Newsletter organization, reports from Councillors, new programs and new items of business. Your comments and suggestions for the agenda are welcome.

\*\*\*\*\*

## HOUSTON CONVENTION 1979, EMD PROGRAM

The Energy Minerals Division was represented by W. H. Westphal and R. J. Tondou at the November 15 Planning Committee meeting for the Houston Convention on April 1-4, 1979. This meeting was held to set the outline of the Convention as to theme and general structure of the technical program. The convention is focused on Ideas. The overall theme of the convention is "Our Ideas Find Oil". The theme of the Energy Minerals Division program will be "Our Ideas Find Energy".

It is expected that EMD will sponsor nine sessions at Houston with four on uranium, three on coal and one each on geothermal and oil shale/tar sands. An initial call for papers will be issued soon.

In addition to the regular technical sessions, a number of poster sessions on energy minerals will be held at Houston. Poster sessions offer excellent opportunities to present a technical subject in good detail especially to geologists who are not thoroughly familiar with the author's subject. For this reason, EMD urges prospective contributors to the Houston Convention to seriously consider a presentation at a poster session.

-- Warren H. Westphal

\*\*\*\*\*

## WYOMING MEETING ANNOUNCED

We're pleased to include the following announcement:

FIRST NOTICE: The annual meeting between the Wyoming Geological Association, Department of Geology, University of Wyoming, and the Wyoming Geological Survey. May 5 and 6 (Friday and Saturday), 1978  
Place: Department of Geology, University of Wyoming, Laramie, Wyoming

Topic: Occurrences of Uranium in  
Pre-Cambrian Rocks of Wyoming and  
adjacent Areas

Papers that will be presented  
include...

- exploration models for Precambrian uranium
- uranium deposits in the Owl Creek  
Mountains, Wyoming
- Precambrian uranium in the Black Hills
- tectonic setting of Precambrian  
metasedimentary rocks
- genesis of the Schwartzwalder uranium ore  
body, Colorado
- analysis of the Deep Lake and Libby Creek  
Groups (Precambrian) in the Medicine Bow  
Mountains, Wyoming
- uranium in the Sierra Madre Mountains,  
Wyoming
- structural style in relation to oil and  
gas exploration in North Middle Park  
Basin, Colorado
- in-situ leaching of tertiary uranium
- and more!!

Poster sessions will concern topics  
such as ...

- diamond bearing kimberlite diatremes in  
Wyoming and Colorado
- the Schwartzwalder ore body
- southern Wyoming Tertiary coal deposits
- Precambrian stratigraphy of the Sierra  
Madre and Medicine Bow Mountains,  
Wyoming

Abstracts with programs will be  
available at the meeting.

This Conference will be a timely  
synthesis of a relatively new and exciting  
exploration frontier. There is no  
registration charge.

For additional information, contact:

David R. Lageson or Dan Hausel  
Wyoming Geological Survey  
P. O. Box 3008, University Sta.  
Laramie, Wyoming 82071  
(303) 742-2054

\*\*\*\*\*

#### PROPOSED SYMPOSIUM ON GRANTS REGION NEW MEXICO

Plans are being formulated for the  
Energy Minerals Division to co-sponsor,  
with the New Mexico Bureau of Mines and  
Mineral Resources, a symposium on the  
Grants Uranium Region, May 13-16, 1979.

The symposium will produce an update  
of the New Mexico Bureau of Mines and  
Mineral Resources Memoir 15, Geology and  
Technology of the Grants Uranium Region.

This memoir was published in 1963 and  
is an outstanding reference on the region.

The Grants Uranium District is the  
largest in the United States and certainly  
among the largest in the world. Reserves  
and activity have grown rapidly since 1963  
so an update of memoir 15 would be a

welcome and valuable contribution to the  
literature of economic geology.

Publication will be emphasized; that  
is, completed manuscripts should be ready  
for publication at the time of the  
conference.

The symposium will be held in  
Albuquerque, New Mexico. Papers dealing with  
the uranium geology and mining technology of  
this N.W. quadrant of New Mexico are  
invited. For further information, please  
contact:

Dr. Christopher Rautman  
New Mexico Bureau of Mines and Mineral  
Resources  
Socorro, N. Mex. 87801  
(505) 835-5334

\*\*\*\*\*

#### URANIUM EXPLORATION - 1977

State of the industry: Statistics  
published by the Department of Energy (DOE)  
indicated that 800 geologists and engineers  
backed up by 700 people in drilling services  
and other supporting activities were  
employed by the uranium exploration industry  
in the U.S. If geologists, engineers and  
supportive people employed by government  
agencies and universities, and all other  
people actively involved in uranium  
exploration were counted, it's a reasonable  
assumption that U.S. uranium exploration  
benefitted from the efforts of several  
thousand individuals during the past year.

A significant number of companies  
(primarily utilities with commitments to  
nuclear power generation) initiated uranium  
exploration during the year. Some have  
relied on consultants, whereas others have  
started to assemble staffs of uranium  
exploration geologists. Most of the demand  
has been for geologists with several years  
experience in uranium exploration. As these  
exploration staffs mature, it is likely that  
the demand for geologists without experience  
will increase.

Domestic drilling activities continued  
to concentrate on sedimentary environments  
in search of strata-controlled deposits. But  
in the wake of major discoveries during the  
past four years in "hard rock" environments,  
structurecontrolled deposits have recently  
become important targets of exploration.  
This trend is expected to continue.

--M. O. Childers