



Regional Update

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**Petroleum Technology
Transfer Council (PTTC)
South Midcontinent Region**

**Oklahoma Geological Survey
Regional Lead Organization
Dr. Charles J. Mankin
PTTC Program Manager
Director, OGS**

**Mary K. Banken
PTTC Computer-System Mgt.
Geo Information Systems**

**Elizabeth A. Fajen
PTTC Technology Transfer
Marginal Wells Commission**

**Mac Alloway
PTTC PAG Chair
Tony Oil Co.**

**Sam Farris, MWC
Education Coordinator
Connie G. Smith, OGS
Information, Newsletter, Web
Michelle J. Summers, OGS
Workshop Coordinator
Jane L. Weber, OGS
Computer Facility Supervisor**

**Oklahoma Geological Survey
100 E. Boyd, Rm. N-131
Norman, OK 73019-0628**

**405/325-3031; 800/330-3996
Fax 405/325-7069**

**e-mail: ogs@ou.edu
<<http://www.ou.edu/special/ogs-pttc>>**

**Publication Sales: 405/360-2886
Fax: 405/366-2882**

OGS Publication Sales Office Moves to Larger Quarters

With a projected completion date of mid-October, the staff of the Oklahoma Geological Survey's publication sales office is busy packing boxes for a relocation to new quarters. Their move isn't a long journey, however; it's just across the street and a few blocks south to the building formerly occupied by Sysco Food Services of Oklahoma, Inc. The sales office will be located at the north end of the building, which is shown in the photo below. Signs will be up to point you to the correct entrance. The building also has a wing that consists entirely of warehouse space that will house cores, samples, and other petroleum information.

"We don't have to worry about growing out of this space for a very long time," Dr. Charles J. Mankin, Survey and South Midcontinent Regional director, says. "This building will give us the ability to store our publications in the same location where we are selling them, and that will be a great benefit to our warehouse and sales operation."

"In recent years we have had to move our publications and materials from warehouse to warehouse as conditions became unsuitable in different locations or when the buildings were no longer available for rent. This location will give us more stability and make it easier to maintain and account for our inventory."

In the meantime, the publications sales staff will continue with operations as usual as much as possible, and fill orders in person or by phone, mail, fax, or web site. If you go in person, just remember that the new building's address is 2020 Industrial Blvd., which is the street on the west side of the current publication sales location. The new building is south of the old location.



OGS Publications Sales plans to be moved to this new location by mid-October. The building, 2020 Industrial Blvd., formerly was occupied by Sysco Food Services of Oklahoma, Inc.

Handbook Alert

Handling produced water is the most significant constraint to increased oil production. So say producers of the South Midcontinent Region – when unstable oil prices are not considered.

Managing produced water involves a wide array of technical, economic, environmental, and regulatory issues. Technologies, or best management practices, already exist to address most of these problems. But, for the most part, this body of knowledge has not been organized in such a way that producers can quickly reference it when faced with everyday water-related problems.

A solution is on the horizon. Coming soon is a concise field-oriented handbook and checklist on *Produced Water and Issues Associated With It*. This manual is being developed as part of the

PUMP program in response to findings about the broad impact lifting and disposing of large volumes of water has on the profitability of lease operations. Written with the operator in mind, this manual will cover, among other topics, how completion practices affect water production, how to decrease operating costs, dealing with high water volumes during primary and secondary recovery, unexpected increases in water production, corrosion/scale, and environmental issues.

Watch this space for release information on this upcoming product of the PUMP project and a schedule of associated workshops designed to introduce it.

For further information about the PUMP program, contact Jane Weber of the Oklahoma Geological Survey at 405/325-3031, 800/330-3996 or jlweber@ou.edu.

The PAG Needs Your Input!

The program direction for each PTTC region is guided by input from industry. A Producer Advisory Group (PAG) for each region is comprised of producers, solution providers, and consultants who meet and discuss regional needs in the area of applied technologies.

Current PAG chair for the South Midcontinent Region is Mac Alloway of Tony Oil in Tulsa. Mac and the other members of the PAG (check the web site for a complete list) encourage you to contact him or Dr. Mankin with any ideas you might have about workshops and future programs for PTTC.

Each year a plan is submitted and activities are organized based on the focused input from the ten PAG groups representing oil and natural gas producing states in the country.

If you would like to serve on the PAG when openings are available, contact Dr. Mankin at the addresses on the front page.

Marginal Well Commission

Moves UP— to Oklahoma City!

As of July 1, 2002, the Commission on Marginally Producing Oil and Gas Wells relocated our offices from Norman to Oklahoma City. The new address is at **Landmark Towers, 3535 NW 58th Street, Suite 870**. We are located in the **East Tower** and hope this will make us more accessible to the Operators of the Great State of OKLAHOMA. Our new phone number is **405/604-0460**, fax number is **405/604-0461** and our 800 number remains **800/390-0460**.

We still have the oil and gas lending library and hope that operators will stop by and see what we have to offer. Sam Farris is also available to discuss any operational problems you may have, and I am available to discuss any legislative suggestions you may have. We are always interested in helping producers in any way that we can. Our office hours are 8-5 Monday through Friday.

Liz Fagen
Executive Director

Upcoming Events

October

- 10/3 Oil & Gas Measurement Problems, Duncan, OK, *MWC, PTTC
- 10/10 Oil & Gas Measurement Problems, Oklahoma City, *MWC, PTTC
- 10/10 Fourth Annual Oklahoma Coalbed-Methane Workshop, Norman, *OGS, PTTC
- 10/17 Oil & Gas Measurement Problems, Tulsa, *MWC, PTTC
- 10/29 Oil & Gas Measurement Problems, Woodward, OK, *MWC, PTTC
- 10/31 Spill Prevention Control & Countermeasure Plans (SPCCP), Duncan, OK, *MWC, PTTC

November

- 11/6 Hunton Field Trip, Ada, Oklahoma, *OCGS, OGS, PTTC
- 11/7 Spill Prevention Control & Countermeasure Plans (SPCCP), Oklahoma City, *MWC, PTTC
- 11/14 Spill Prevention Control & Countermeasure Plans (SPCCP), Tulsa, *MWC, PTTC
- 11/21 Spill Prevention Control & Countermeasure Plans (SPCCP), Woodward, OK, *MWC, PTTC

*OGS=Oklahoma Geological Survey, 405/325-3031 or 800/330-3996

*MWC=Marginal Wells Commission, 405/366-8688; 800/390-0460

*GIS=Geological Information Systems, 405/325-3131

*OCGS=Oklahoma City Geological Society 405/236-8086 or 405/235-3648, ext. 40

*TGS=Contact Richard Piquet, 918/582-2690

Mapping Work on 7.5-Minute Quads Continues Near OKC

The Statemap project in Oklahoma continues on 7.5-minute geologic quadrangles in the Oklahoma City Metro Area. The Norman, Denver, Blanchard, and Newcastle quads were completed, and work has begun on the Luther, Horseshoe Lake, Harrah, Stella, and Little Axe quads. The project provides new data on geological terminology in the area, and from this study's more precise locations and descriptions of formations and groups will come greater standardization and understanding of the geological nomenclature of central Oklahoma. Economic benefits will arise from more exactly defined areas of terrace deposits (rich sources of sand and gravel in central Oklahoma), and the detailed mapping of the Garber Wellington aquifer.

Mapping at 7.5-minute and 1 degree scale is ongoing in western Oklahoma and the panhandle, with the Woodward and Fairview sheets now complete. In all, Survey geologist Tom Stanley and others working in mapping programs at the OGS are doing detailed studies over wide areas of the state. Their excellent work will stand for many years and provide the accurate basis for many significant academic and industrial projects.



Joyce Stiehler, OGS chief clerk, stands outside one of the offices in the building that OGS sales will occupy this October.

Serving Independents Across the Nation

By Lance Cole, National Project Manager

PTTC is at work serving independents across the nation. PTTC's Board, a committed group of industry volunteers, gathered in Norman, Oklahoma, in mid-July to receive an update on progress and, importantly, provide guidance about how to do even better.

Activities within the regions are the heart of PTTC's services. Combined, since last September, PTTC's regions have developed or co-sponsored 112 workshops, drawing nearly 5,000 attendees. The following excerpts highlight activities during the April-June time frame.

◆ In the **Appalachian Region**, the Trenton-Black River Play remains hot. 176 attendees gathered in Canton, Ohio in late April to gather operational insights and a subsequent core workshop was held in Kentucky in early June.

◆ In Louisiana, the **Central Gulf Region** is coordinating with Louisiana's Department of Natural Resources (DNR) to bring a series of workshops about new features in DNR's SONRIS (online) database system during the fall.

◆ In Mississippi, the **Eastern Gulf Region** co-sponsored the Mississippi Geological Society's spring symposium about "Recent Activity and Trends in the Mississippi-Alabama Oil Patch."

◆ In the **Midwest Region**, resource center staff continues to improve the well information database and complete the Oil and Gas Development Map Series. ArcView techniques are being developed to make mapping more automated and custom base mapping services remain popular.

◆ In **Kansas**, staff worked hard to develop content for a coalbed methane workshop. This workshop, held in early August, drew more than 150 attendees.

◆ In the **Rockies**, PTTC continued its strong software training program, plus it cooperated in major regional events with the Independent Petroleum Association of the Mountain States and Rocky Mountain Association of Geologists.

◆ In the **South Midcontinent Region**, the combined resources of the Oklahoma Geological Survey, OU Geo

Information Systems, the Marginal Well Commission and PTTC delivered 13 workshops drawing 549 attendees.

◆ In **New Mexico**, a corrosion management workshop in Farmington helped producers better understand how to manage corrosion.

◆ In **Texas**, earlier efforts in the wellbore management arena continue to be leveraged, with a workshop held in Amarillo in conjunction with the Panhandle Producers and Royalty Owners Association. A fall workshop in Tyler will serve the East Texas area.

◆ In the **West Coast Region**, staff worked with AAPG/SPE to support a gas hydrates short course in Anchorage. Producers in California learned how to enhance gas production, and students completed the on-campus learning experience within the COMET 2002 program.

Newsletters, a linked website system, staff on call to answer industry inquiries, and an active national communications program (newsletter, case studies, trade show exhibits) support the regional effort.

Like what you see, continue to support us. Think PTTC should be doing something additional, tell us about it. PTTC welcomes input and there are opportunities for volunteers to serve throughout the organization. Get involved and be a part of something good. I guarantee that, looking back 10-20 years from now, you'll say "That was good, I did my part!"



Dr. Charles J. Mankin (left), South Midcontinent director, and Mac Alloway (right), regional PAG chair, listen to input from PAG members at the August meeting in Oklahoma City.

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