PTTC Programs Provide Access To Information and Technology

The Oklahoma Geological Survey (OGS) is now the Regional Lead Organization for the South Midcontinent group of an important new program helping petroleum producers gain access to the latest information and technology. The Petroleum Technology Transfer Council (PTTC) was founded in January of 1993 by the Independent Petroleum Association of America to help identify the technology needs of producers and find the best ways to transfer that information to them. The PTTC goal is simple: Get more petroleum out of the ground at a profit—even in today's market.

In the South Midcontinent Region of PTTC, the OGS is joined in implementing the program by the Oklahoma Commission on Marginally Producing Oil and Gas Wells and the University of Oklahoma's Geo Information Systems. Dr. Charles J. Mankin, OGS director, is the Program Manager for this region.

The PTTC was formed in response to many changes that have taken place in the oil industry in recent years.

"For example, by 1993 the share of oil produced in Oklahoma by major companies was down to 21 percent," Mankin says. "The Department of Energy has estimated that as much as 60 percent of the country's known 350-billion-barrel oil resource could be abandoned in the reservoir by 2010 if new technology is not developed and applied in the fields."

PTTC was organized to help pass along the technology needed to access America's known petroleum resources. The program is made up of representatives from independent operators, major companies, state geological surveys, professional and trade societies, state and federal agencies, service companies, academia, the research community, and other groups involved in the technology process.

The PTTC is divided into 10 regional organizations, with a national office in Washington, D.C. The South Midcontinent Region includes Oklahoma and Arkansas. As RLO for this region, the OGS has conducted Problem-Identification Workshops that pinpointed some of the areas of greatest concern for regional oil producers. The group is now conducting a series of workshops that are intended to address these specific concerns. The meetings are held in different locations throughout Oklahoma and Arkansas, and costs are kept to a minimum so that those on limited budgets can attend. (continued—Programs, p. 3)
Southmayd Elected Chair of PAG at August Meeting in Oklahoma City

William Clark Southmayd, Jr., Manager of Drilling and Production for ONEOK Exploration Co., was elected chairman of the South Midcontinent Region Producers Advisory Group (PAG) of the Petroleum Technology Transfer Council (PTTC) at their August meeting in Oklahoma City. In this position, Southmayd also serves on the National Board of Directors for PTTC. James R. Gregath, James R. Gregath and Assoc., was elected Vice Chairman of the PAG.

Lew Ward, Ward Petroleum Co., the first chair of the PAG, is now chair of the Independent Petroleum Association of America, the group that initially helped form the PTTC in January of 1993. In his new capacity, Ward will continue to work closely with PTTC, and still will play an important role in helping the South Midcontinent Region achieve its goals.

Both Southmayd and Gregath will help see that the PTTC programs bridge the gaps among private energy-related societies, industry, and government to effectively transfer information and technology to independent producers.

OGS Resource Center Contains Logs, PC's, Cores, Books, and Much More

The PTTC Resource Center located at the Oklahoma Geological Survey consists of the OGS Log Library and Core and Sample Library, the OGS NRIS Facility computer laboratory, and the University of Oklahoma's Youngblood Geology Library and Geo Information Systems data processing unit.

All of these resources are available for operators to use, and help is available if you aren't familiar with computers, the library system, or any other element of the Center--just ask!

The OGS Core and Sample Library currently houses 76,542 boxes of cores from 3,310 wells in Oklahoma, and more than 83,000 boxes of samples from more than 33,500 wells.

The OGS NRIS Facility computer user lab opened June 1, to allow the public access to oil and gas data in NRIS even if users have limited computer experience. The lab allows access to the NRIS data system and provides capabilities to manipulate data to produce tables, maps, reports, and other needed information. The files include Oklahoma oil and gas production by lease for each month from 1979 to the present, lease files, field file, and completion reports for oil and gas wells of record.

The lab is equipped with PC's, plotters, laser printers, CD-ROM readers, and scanning and digitizing equipment. Geologic-related mapping software, such as GeoGraphix, ARC/INFO, ArcView, Surfer, Atlas MapMaker for Windows, and Radian CPS/PC are available for public use. For those not familiar with computers, assistance is available.

Future issues of this newsletter will give an in-depth look at separate elements of the Center.

Platform Carbonates
Topic of Spring Workshop Hosted by OGS, DOE

Platform carbonates in the Southern Midcontinent will be the topic of discussion at the eighth in a series of workshops designed to transfer technical information important in the search for and production of oil and gas. The meeting is sponsored by the Oklahoma Geological Survey and the Bartlesville Project Office of DOE.

Platform carbonates are limestones and dolomites that were deposited in a shallow-marine platform, or shelf, environment. These are major reservoirs that have yielded large amounts of hydrocarbons, and still hold great potential for additional exploration and development.

The workshop, which will consist of 18 papers presented orally and 12 informal poster presentations, will be held March 26-27, 1996, at the Clarion Hotel, 4345 N. Lincoln, in Oklahoma City. Approximately 200-300 people are expected to attend.

The program is nearly set, but there may be room for additional talks or posters on the theme of platform carbonates.

For more information about the meeting or to contribute a talk or poster, contact Kenneth S. Johnson, OGS associate director, at the address on the front cover.

Platform Carbonates in the Southern Midcontinent

March 26-27, 1996 Clarion Hotel 4345 N. Lincoln Oklahoma City, OK
Programs—continued

In addition to the workshops, the OGS is a primary resource center where petroleum information such as computerized files of petroleum statistics for the region, logs, cores, samples, geoscience library holdings, case studies of reservoirs and fields, and other technology, is available to the operators. In the future, satellite resource centers will be linked electronically to the primary center to make the information available locally.

Located at the Sarkeys Energy Center with the OGS, and also part of the resource center, is the Youngblood Energy Library, the repository for more than 88,000 volumes in the earth sciences and more than 136,000 topographic and geologic maps.

To learn more about PTTC, contact the OGS at the address on the front of this newsletter.

Meetings Supply New Information, Ideas

Meetings and workshops provide some of your best opportunities to come in contact with new technologies and recent reports and studies, and at the same time meet people who will have answers to some of your most pressing questions.

A series of workshops on Fluvial Dominated Deltaic (FDD) Reservoirs in Oklahoma is proving to be extremely popular. Audiences of 212 and 128 people attended the first two meetings, which looked at the Morrow and Booch Plays. If you missed these, the text and maps used are still available from the OGS at the address given on the front cover. The charge is nominal—but the information is very worthwhile.

The next FDD workshop on the Layton and Osage-Layton Play, will be held April 17 at the Francis Tuttle Vo-Tech in Oklahoma City. This is another opportunity to learn more about FDD reservoirs in general, and the Layton and Osage-Layton Play in great detail. The cost is low—$15 for Layton and Osage-Layton FDD operators, $25 for others—and includes lunch, break snacks, and the publication.

Next year, a number of PTTC Focused Technology Workshops on subjects brought up by operators at the Problem Identification Workshops will be scheduled by OGS. Call or write the address on the front page for more specific information.

Other groups holding informational sessions are the Marginal Wells Commission (405/325-0713) and the Oklahoma Independent Petroleum Association (405/840-1171). See the calendar below for listings.

Upcoming Events

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<th>January</th>
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<tr>
<td>1/6</td>
<td>PTTC Arkansas Problem-Identification Workshop, OGS, 405/325-3031 or 800/330-3996</td>
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<td>1/16</td>
<td>FDD Reservoir Class Workshop, Bartlesville, OGS, 405/325-3031 or 800/330-3996</td>
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<td>1/16</td>
<td>Downhole, Beam Pumps and Sucker Rods, Workshop, Ardmore, Southern OK Tech Center, MWC, 405/325-0713</td>
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<td>February</td>
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<td>2/1</td>
<td>PTTC Focused Technology Workshop, Oklahoma City, OGS, 405/325-3031 or 800/330-3996</td>
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<tr>
<td>2/13</td>
<td>FDD Reservoir Class Workshop, Oklahoma City, OGS, 405/325-3031 or 800/330-3996</td>
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<tr>
<td>2/15</td>
<td>Downhole, Beam Pumps and Sucker Rods, Workshop, Tulsa, Tulsa Tech Center, S.E. Campus, MWC, 405/325-0713</td>
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<td>March</td>
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<td>3/5</td>
<td>Plunger Lift, Workshop, Watumka, Wes Watkins AVTS, MWC, 405/325-0713</td>
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<td>3/19</td>
<td>Gas Measurement, Workshop, Burns Flat, Western OK AVTS, MWC, 405/325-0713</td>
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<td>3/26-27</td>
<td>Platform Carbonates in the Southern Midcontinent, Workshop, Oklahoma City, OGS, 405/325-3031 or 800/330-3996</td>
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<td>April</td>
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<td>4/17</td>
<td>FDD Workshop, Layton and Osage-Layton Play, Oklahoma City, OGS, 405/325-3031 or 800/330-3996</td>
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Useful Names and Addresses for the Industry

Oklahoma Commission on Marginally Producing Oil and Gas Wells
Jack M. Shadle, Jr., Executive Director
Sarkeys Energy Center
100 East Boyd, Suite 510-A
Norman, OK 73019
405/325-0713

Oklahoma Independent Petroleum Assoc.
Nancy Richardson, Oil Technology
Steve Jones, Gas Technology
2601 N.W. Expressway, Suite 107W
Oklahoma City, OK 73112-7208
405/542-7994; Fax 405/842-8499

BDM, Winnie Ho, Manager, Technology Transfer Department
P.O. Box 2565
Bartlesville, OK 74005
918/337-4531; Fax 918/337-4365

Oklahoma Energy Resources Board
Mike Terry, Executive Director
2601 N.W. Expressway, Suite 107W
Oklahoma City, OK 73112-7208
405/842-7994; Fax 405/842-8499

Interstate Oil and Gas Compact Commission
Christine Hansen, Executive Director
P.O. Box 53127
Oklahoma City, OK 73152-3127
405/525-3556

Oklahoma Secretary of Energy
Carl Michael Smith
1140 N.W. 63rd, Suite 416
Oklahoma City, OK 73118
405/840-9228; Fax 405/840-2638

Arkansas Geological Commission
Bill Bush, Acting Director
3815 West Roosevelt Road
Little Rock, AR 72204
501/296-1877; Fax 501/663-7360

Oklahoma Geological Survey
Charles J. Mankin, Director
Sarkeys Energy Center
100 E. Boyd, Rm. N-131
Norman, OK 73019-0628
405/325-3031; 800/330-3996; Fax 405/325-7069

Oklahoma Corporation Commission
Mike Battles, Director, Oil and Gas Division
P.O. Box 52000-2000
Oklahoma City, OK 73152-2000
405/521-2302

Arkansas Energy Office
Morris Jenkins, Director
No. 1 State Capitol Mall
Suite 4B-215
Little Rock, AR 72201
501/682-1121

Oklahoma Mid-Continent Oil & Gas Association
320 MidFirst Plaza
501 West Interstate 44
Oklahoma City, OK 73118
405/843-5741

Petroleum Abstracts
University of Tulsa
600 S. College
Tulsa, OK 74104
918/631-2297

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