



Vol. 1 No. 2

Spring 1996

Petroleum Technology  
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South Midcontinent Region

Oklahoma Geological Survey  
Regional Lead Organization

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## Just the Facts—

# By FAX!

It is now possible to get information on PTTC South Midcontinent activities and other petroleum information and technology news BY FAX. All you have to do is use the handset of a fax telephone to call 405/325-7113, to put you in touch with the South Midcontinent Region's new fax-on-demand system. After you are connected, listen to the voice menu that lets you select the information you want. This material is then faxed back to your machine almost instantly.

The system is easy to use, and tells you each step to take. To use the fax-on-demand, call from the handset of a fax machine and NOT a regular telephone.

The system has a main index; calendar of events; information about the OGS NRIS Facility; Core and Sample Library; Well-Log Library; Youngblood Energy Library; facts about 12 petroleum information and technology providers; OGS publications; a voice-mail category for messages and comments; and a "what's new" category for the latest news releases, updates, and agendas.

The system is new, and information will be added on a continuing basis. Try it—we think you will be pleased to discover what is now at your fingertips. If you have any questions about the system, would like to make comments, or have ideas for other material to add to the system, just call the OGS at 405/325-3031, or the PTTC toll-free line at 800/330-3996, and ask to speak to Jane Weber.

### To Receive a Document from the Fax-on-Demand System:

1. Call 405/325-7113 from the handset of a fax telephone.
2. Listen to the voice prompts; make your selections.
3. Enter your fax number when prompted to do so.
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5. Hang up only after your fax machine starts receiving.



**Seven on the hot seat**—Seven panelists take questions at the FDD Reservoir Workshop in Oklahoma City, February 13. Left to right: Richard Andrews, OU Geo Sys.; Sandra Mark, consultant; Mohan Kelkar, Univ. of Tulsa; Dan Richmond, Uplands Resources; Mark Sippel, consultant; Rodney Reynolds, Univ. of Kansas; Lanny Schoelin, Univ. of Kansas.

## February PTTC and FDD Meetings Provide Answers and Information

Despite predictions of bad weather, and the noontime appearance of a snowstorm, 45 participants from Arkansas, New Mexico, Texas, and Oklahoma attended the South Midcontinent Region's first Technology Transfer Workshop in Oklahoma City. The focus of this February 1 meeting was on information and technical assistance—and where and how to find it. Better weather brought 73 people out February 13 for the FDD Class I Reservoir workshop that highlighted various field demonstration projects.

Judging from the evaluations turned in by the audiences, both workshops covered topics of interest to the attendees. One person at the FDD workshop said the meeting addressed "Real world topics and technology"—high praise indeed. The question and answer session, pictured above, was extremely popular—another indication of audience interest.

For the Focused-Technology Workshop, the Producers Advisory Group (PAG) used responses from two PTTC Problem-Identification Workshops held last year to discover that one of the most fundamental problems of producers is locating available information and technology.

This first focused-technology workshop was carefully planned and researched to provide an overview of industry sources and programs, as well as to give producers a chance to meet and share both their questions and their knowledge on specific subjects.



**Deborah Rowell**, executive director of PTTC, enjoying the FDD Class I Workshop in Oklahoma City, February 13.

"This workshop was a success because we took the time to find out what issues are most important to the producers," Charles J. Mankin, RLO director, said.

At the workshop, five speakers talked about sources of information and technology for the industry. Each person at the meeting received a thick book containing material about additional reading, programs, services, workshops, information and technology that is available to them. If you missed these valuable meetings, watch your mail and this newsletter for upcoming opportunities.

## Welcome to PTTC!

Welcome to the Petroleum Technology Transfer Council. The PTTC is a non-profit organization led by producers whose primary mission is to identify the technological needs of independent operators and transfer new and existing upstream technologies, which will help them reduce finding costs, improve operating efficiency, improve ultimate recovery, and enhance environmental compliance.

Take advantage of what PTTC has to offer you:

- Workshops on a variety of subjects.
- A computer-resource center with producer access to some of the most widely used industry software.
- Access to the Natural Resources Information System (NRIS), an Oklahoma production and completion history database system.
- Access to the PTTC homepage on the Internet :  
(<http://www.msc.edu/pttc/>).
- Fax-Back service (see page 1 of this newsletter).

The petroleum industry is far too large for any one individual, professional society, or governmental agency to have all the answers. The PTTC will not solve your producing problems for you, but can, through the above resources, provide you the tools or direct you to others in our industry who can assist you.

By being on this mailing list and reading this newsletter, you should now be familiar with the PTTC and what it has to offer producers. Use the services available, let us know what you would like the PTTC to do for you, and tell your colleagues about PTTC. The more we communicate, the better informed we will be, helping us become the lowest-cost producers exploiting the remaining recoverable reserves in our region.

*William Clark Southmayd, Jr.*  
PTTC PAG Chair  
South Midcontinent Region

**Catch PTTC on the Internet--**  
<http://www.msc.edu/pttc/>

## June Workshops Set for Prue and Skinner Plays

The Fluvial-Dominated Deltaic (FDD) workshops on the Prue and Skinner Plays are expected to be some of the most popular of the FDD series.

In a one-day session that is scheduled for **June 19 and 20 in Oklahoma City, and June 26 in Bartlesville**, each workshop will examine two large plays with a long history of significant production.

Speakers will present detailed geologic field studies involving one Prue and two Skinner FDD reservoirs. Examples of enhanced-recovery techniques such as reservoir modeling and waterflood simulation will be described along with the results of two Skinner waterfloods.

The regional geologic framework of each play will be discussed along with an overview of FDD principles and their implications to development and exploration. Cores from four wells will show important characteristics of FDD class reservoirs.

You will have an opportunity to ask questions, and will receive a copy of the Prue and Skinner workbook containing the information presented.

A recent count showed 1,527 operators working in the Prue and Skinner Plays. Production from the Skinner-only in 1995 was 1,592,695 bbls from 808 leases; whereas Prue-only production was 741,523 bbls from 477 leases. This can be compared with the state's 1995 total of 79,253,761 bbls of oil.

Because of the FDD nature of these reservoirs, the primary recovery factor has been low--ranging from 12-25% of the oil in place. This means there is more oil to be recovered with greater understanding of the reservoirs and use of current technologies--the main topics of these workshops.

Registration is \$15 for Prue/Skiner FDD operators, \$25 for others. Call 405/325-3031 or 800/330-3996 for more specific information.

## Upcoming Events

### May

- 5/2 *Chemical Use in the Oilfield, Tulsa Tech Center, S. E. Campus, \*MWC*
- 5/7 *Fundamental Surface Production Operations, Pioneer Tech Center, Ponca City, \*MWC*
- 5/8 *Advanced Stimulation Technology Applications, Oklahoma City, \*OIPA*
- 5/16 *Successful Drilling Practices in the Anadarko Basin, Oklahoma City, \*OIPA*
- 5/16 *Downhole, Beam Pumps and Sucker Rods Workshop, Burns Flat, Western OK AVTS, \*MWC*
- 5/22 *Gas Measurement, Wetumka, Wes Watkins Vo-Tech, \*MWC*

### June

- 6/6 *Plunger Lift, Tulsa Tech Center, S. E. Campus, \*MWC*
- 6/11 *Chemical Use in the Oilfield, Burns Flat, Western OK AVTS, \*MWC*
- 6/19 *FDD Workshop: The Prue and Skinner Plays, Oklahoma City, \*OGS*
- 6/20 *FDD Workshop: The Prue and Skinner Plays, Oklahoma City, \*OGS*
- 6/20 *Gas Measurement, Woodward, High Plains AVTS, \*MWC*
- 6/26 *FDD Workshop: The Prue and Skinner Plays, Phillips R&D Center, Bartlesville, \*OGS*

### July

- n/a *Low-Cost Well Stimulation, date and place to be announced, \*MWC*
- n/a *Basis of Waterflooding, date and place to be announced, \*MWC*
- n/a *Production-Well Plugging, date and place to be announced, \*MWC*
- n/a *Produced-Water Diversion and Disposal, date and place to be announced, \*MWC*

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

\*MWC=Marginal Wells Commission, 405/366-8688

\*OIPA=Oklahoma Independent Petroleum Association, 405/840-1171

# Arkansas Operators: Tell PTTC What You Want!

This summer PTTC will hold Problem Identification workshops in Arkansas to find out what information and technology operators in that state need most. Watch your mail for the exact time and place for these meetings, and mark your calendar so you will remember to attend. It is your chance to set the agenda for the PTTC program in your state.

Much of PTTC's success in meeting operator's needs depends on participation in these sessions.

At these one-day workshops, operators and others will be asked to go into small groups to identify the issues they would like PTTC to address. The groups discuss information and technology needs in four areas: production, reservoir, regulation, and other. After the issues identified in each group are recorded and compiled into one set of data, the entire group meets again for discussion. At this time, the group is asked to identify the most important three to five (or

more) issues in each category.

From this list, PTTC will formulate its program, tailoring the resource center and a series of technology-transfer workshops to *specific* needs.

John Gray, an Arkansas petroleum operator from El Dorado, is a member of the PTTC Producer Advisory Group (PAG), and after a year of involvement in PTTC, has this to say:

"Arkansas oil operators have one basic problem.

They are desperately trying to hold on to their properties by continuing to produce oil at a loss. The gain from the information that is made available to them through these workshops, seminars, publications, problem solving sessions, personal communications and interactions with other operators, and continued research by the PTTC can be invaluable."

We hope you will join us and see for yourself!

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*This program can help reverse the current trend, thus helping to save the domestic industry from ultimate extinction*

*--John Gray, El Dorado, Arkansas*

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