



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

PTTC Technology Transfer
Marginal Wells Commission

William Clark Southmayd, Jr.
PTTC PAG Chair
ONEOK Exploration Co.

David P. Brown, GIS
User Technical Support
Michael B. Earls, MWC
Education Coordinator
Walter C. Esry, OGS
Core and Sample Library
Michael J. Mercer, OGS
Log Library
Connie G. Smith, OGS
Information, Newsletter Editor
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

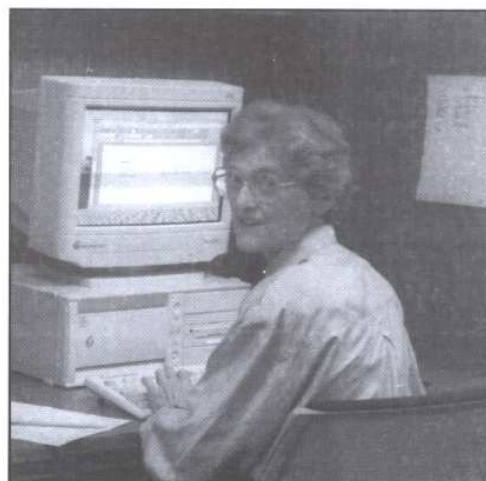
*field and well data, training, maps,
software, land grid, Internet, models, graphics*

Lab Computers Do It All For You

The OGS NRIS Facility, or Computer Lab, is a major component of the South Midcontinent's Resource Center. Here, users can easily access oil and gas information and modern computer technology, test software before buying, receive training, or order information from the lab staff and let them "interface" with the computers. Users can extract data from any area of Oklahoma with a few clicks of the mouse, and get the material in digital format or printed as reports or maps.

Whatever your computer needs, Jane Weber, OGS staff member and lab supervisor, will work with you to make sure that your visit to the lab in Norman is productive. Lab use is by appointment only, so reserve a time to try out some of these features and talk with Jane to see what products would be useful to you:

- **four 150 MHz Gateway Pentium computers running Windows 3.1, Dataproducts Typhoon 8 laser printer, Hewlett Packard 755CM DesignJet plotter, Muratec F-56 log scanner, Iomega zip drive**
- **access to oil- and gas-related databases**
- **consultation and computerized mapping service**
- **hardware and software to do mapping, modeling, simulations**
- **videos and workbooks from short courses and workshops (such as horizontal drilling, 3D seismic, FDD reservoirs)**
- **software for inspection and evaluation, literature to browse**
- **classes on mapping, with GeoGraphix or NRISMAPS**
- **access to land-grid data**



Jane Weber, lab supervisor

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Among the lab's most important components are the NRIS databases that contain information from the Oklahoma Corporation Commission completion reports (1002-A forms) and Oklahoma Tax Commission monthly lease production data. Oklahoma field location data and Osage County well-completion reports also are available, and work is in progress on Corporation Commission plugging reports for selected counties. When using NRIS data, you have the choice of downloading it yourself, or requesting that it be downloaded and sent to you.

For those with computer experience, maps are easy to produce using NRISMAPS, a customized version of ArcView (a desktop GIS product). In a matter of minutes, quality well-spot, lease and/or field maps can be created and output with a plotter. Those wanting to make plots elsewhere can save work to plot-files and take the data with them. Surface modeling also can be performed using one of the contouring packages available at the facility.

Software

| | |
|------------------------------------|--|
| ARCView | Geographical information system |
| BOAST II and BOAST-VHS* | Black-oil simulator |
| CFPM* | Chemical flood predictive model |
| CO ₂ PROPHET* | Water and CO ₂ flood prediction |
| F.A.S.T. Piper™ | Gas deliverability model |
| FRACPRO | Hydraulic fracture design and analysis |
| GeoGraphix | Contouring, volumetrics, economics, log analysis |
| ICPM* | In-situ combustion predictive model |
| IDPM* | Infill drilling predictive model |
| LESA | Log-evaluation system analysis |
| LOADCALB | Pump optimization |
| MASTER* | Reservoir simulator |
| MS Office Professional | Word processing, database, spreadsheet |
| Netscape | Internet browser |
| Oracle-based NRIS system | In-house program for NRIS access |
| PC-GEL* | Gelation model |
| PFPM* | Polymer flood predictive model |
| ROCKWORKS, RockWare | Geo. calc., diagrams, maps, models |
| RODSTAR | Pump optimization |
| SFPM* | Steamflood predictive model |
| Toolkit | Petroleum engineering calculations |
| TRACRL* | Chemical tracer simulator |
| 3dPAK | Interpretation of 3D seismic reflection |
| * available free from BDM-Oklahoma | |

| | |
|----------------|--|
| CORE database | 7238 cores, samples from Mississippi |
| TORIS database | Petroleum Council data on oil reservoirs |

The lab is open by appointment only. For appointments, requests for data, class schedules, fees and charges, customized mapping services, or technical consultations, contact Jane at 405/325-3031, 405/360-2886 or 800/330-3996, or check the PTTC Web at: <http://www.ou.edu/special/ogs-pttc/>.

Cleveland and Peru FDD Workshop on October 17

On October 17, in Bartlesville, the Cleveland and Peru Plays in northeastern Oklahoma will be the subjects of the next workshop on Fluvial Dominated Deltaic Reservoirs in Oklahoma.

At this meeting, speakers will present detailed geologic field studies involving these plays. Examples of enhanced-recovery techniques such as reservoir modeling and waterflood simulation will be described, along with the regional geologic framework of each play.

Registration is \$15 for Cleveland and Peru FDD operators, \$25 for others, and includes the play workbook and map set, and lunch.

For more information, contact the OGS at the address on the first page of this issue.

Marine Clastics Meeting Set for March 25-26

A comprehensive workshop on Marine Clastics is scheduled for March 25-26, 1997, in Norman or Oklahoma City.

These spring workshops on petroleum reservoirs in the Southern Midcontinent have been highly successful for the OGS, with more than 275 attending last year.

Slots are still available on the program for a few more papers and poster sessions. For more information, contact Kenneth S. Johnson at the OGS.

Petroleum Industry Fair Sponsored by MWC

The Marginal Wells Commission is sponsoring a trade fair for the petroleum industry November 7, from 9 a.m. to 5 p.m., at the State Fairgrounds in Oklahoma City. For more information, call the number on the first page of this issue.

Regional Home Page on the Internet

A new home page on the Internet's World Wide Web is an exciting means of communication for the South Midcontinent Region of PTTC. The home page contains a calendar, meeting notices, an in-depth look at the resource center, lists of available publications, and lots of other information about PTTC and the Oklahoma Geological Survey.

The Web pages allow almost instant access to information and even provide a space for feedback to the regional offices.

The Web site allows users to view the pages when it is most convenient for them, and lets the organization post new information as it becomes available.

The PTTC home page was activated in May of

this year, and by the middle of August had been accessed more than 700 times. The Survey adds to the pages almost weekly so that readers will return to find new and fresh material available. As the site grows, more features will be incorporated.

One of the most important sections of this site is the "comment" function that allows users to tell PTTC what they would like to have available to them in these pages or elsewhere. Please use it for sugges-

tions, comments, or requests for information.

The Internet and the Web are turning out to be very useful tools for the PTTC and its ten affiliated regions. The PTTC National Office has a home page, which has a map and links to the ten regional sites.

South Midcontinent Region--
<http://www.ou.edu/special/ogs-pttc/>

National PTTC Office--
<http://www.msc.edu/hq/>

Upcoming Events

September

- 9/12** Low-Cost Well Stimulation, Oklahoma City, Francis Tuttle Vo-Tech, *MWC
9/12 through 11-8 Twelve half-day workshops in 10 Oklahoma cities on Gross Production Tax Incentives, *OIPA.
9/25 GRI Workshop: Gas Measurements During Mud-Logging Operations, *OIPA

October

- 10/17** FDD Workshop: The Cleveland and Peru Plays, Bartlesville, *OGS
10/31 GRI Workshop: Impact of Fracturing Fluids on Stimulation Design, *OIPA
n/a Low-Cost Well Stimulation, *MWC
n/a Waterflood Startup and Operations, *MWC

November

- 11/7** Petroleum Industry Trade Fair, Oklahoma City, Fairgrounds, *MWC

1997

March

- 25/26** Marine Clastics Workshop, Oklahoma City or Norman, *OGS
n/a FDD Workshop: The Red Fork Play

*OGS=Oklahoma Geological Survey, 405/325-3031 or 800/330-3996 (Oklahoma and surrounding states); or <http://www.ou.edu/special/ogs-pttc/>

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

*OIPA=Oklahoma Independent Petroleum Association, 405/840-1171; 800/838-OIPA; or <http://www.oipa.com>



OGS Publication Sales Moves to Rock Creek Road

The OGS publication sales office and the OGS NRIS Facility, which includes the PTTC computer lab, are now located at 1218-B, W. Rock Creek Rd., Norman, OK 73069; 405/360-2886. Purchase publications over the counter at Rock Creek, or order by mail from the address below.

Book Lists Oil and Gas Production By Field and County in State

A new 439-page book with Oklahoma oil and gas production by field and county from 1992 through 1995 is available from the OGS.

The field records contain the name of the field, field code, date the field was formally recognized, most recent update of the field boundary, county or counties where the field is located, estimated size in acres, annual production from 1992-95 by commodity, and cumulative field production from 1979-95.

The book includes oil and gas production by county, a summary by county of production not assigned to any formally recognized field, a list of discontinued field names, charts depicting oil production from Statehood (1907) through 1995, and gas production from 1947 through 1994 for the entire state.

SP96-3 is available for \$12 plus \$2.40 postage at the address given to the left. With this purchase, copies of SP94-4 (a 5-volume set of production figures for 1990-93) and SP95-2 (production from 1991-94) are available for the cost of postage (\$10.40) only. For more information, call 405/360-2886.

Oklahoma Geological Survey
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Norman, OK 73019-0628