



Regional Update

Vol. 6, No. 2

Spring 2001

Spring Workshop 2001

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South Midcontinent Region**

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Revisiting Old and Assessing New Petroleum Plays in the Southern Midcontinent

The annual two-day Spring workshop sponsored by the Oklahoma Geological Survey, U.S. Department of Energy National Petroleum Technology Office, and the Petroleum Technology Transfer Council, convenes this year on May 8 and 9 in Oklahoma City. A total of 20 papers are scheduled for presentation and discussion during the technical program, and poster sessions will be available for viewing on Tuesday afternoon. The meeting begins with advanced registration and an early-bird party on Monday night, May 7, and technical sessions begin the next morning at 8:30. A banquet is scheduled for Tuesday night at 7:15 at the convention center.

Workshop coordinators Brian J. Cardott, OGS geologist, and Charles J. Mankin, OGS director, have gathered a wide variety of papers for this year's workshop. Topics for the first day include: Petroleum Developments in the Southern Midcontinent; Petroleum Charge to the Mill Creek Syncline; Computer Modeling of a Small-Scale Inversion Feature; Finding Simpson Sand Production with 3D Seismic in Southern Oklahoma; RE: Surface and Subsurface Evidence Indicates a Possible Sub-Thrust Play; Tectonic Development of the Central Ouachita Mountains; Arkoma Basin Coalbed-Methane Potential and Practices; Application of Microbially Enhanced Coalbed Methane to Stimulate Coal Gas Production; Finding New Plays in Old Plays: Recent Geochemical Exploration Successes; Size-Frequency Effects and Reservoir Structure; Interpreting Seismic Data from the Wichita Mountains Frontal Zone with the Help of Ray-Trace Modeling.

The second day of the workshop includes: Hunton Transition Zone in Oklahoma: A Case Study in the West Carney Field; Understanding Regional Chimneyhill Correlations and Its Impact on Reservoir Predictability; Bypassed or Unrecognized Production in Recently Discovered Hartshorne Gas Reservoirs and Recognition of Important Reservoir Facies, Arkoma Basin; AVO Analysis in a High Impedance Atoka Sandstone, North Arkoma Basin; Compartmentalization, Seal Hierarchy, and Sequence Stratigraphy of the Overpressured Interval in the Anadarko Basin; 3D Applications in South-Central Oklahoma: Imaging and Exploiting Complex Structure; Integration of all Possible Existing Data to Best Model an Old Oilfield and thus Create Development Sites Overlooked; Influence of Fracturing Fluid Rheology on the Productivity of Stimulated Oil and Gas Reservoirs; Enhanced Oil Recovery with Downhole Vibration Stimulation, Osage County.

The meeting will be held at the Clarion Meridian Convention Center in Oklahoma City. For more information, contact the OGS at the address and telephone numbers at the left. Information also is available on the web site.

Mac Alloway New Chairman of South Midcontinent PAG

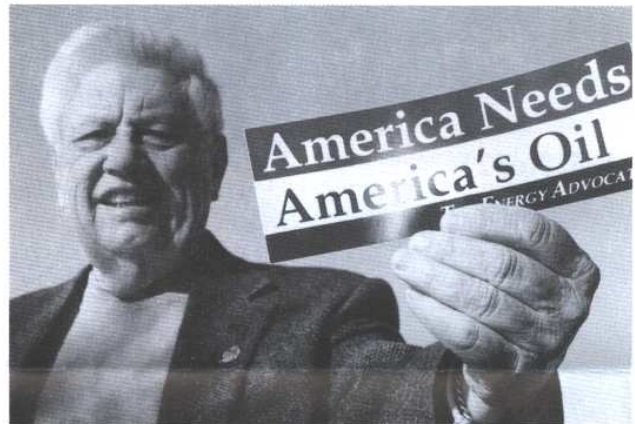
A. M. "Mac" Alloway, of Tony Oil Co. in Tulsa, is the new Chair of the South Midcontinent Producer Advisory Group for PTTC. Elected during a March conference call, Alloway replaces James E. Bruning, who now serves on the National PTTC Board of Directors.

Bruning will serve on the National Board with Vice-Chair Clark Southmayd, Jr., of Oneok Resources Co. in Tulsa, a former Chair of the South Midcontinent PAG. With Charles J. Mankin representing the RLO's on the board, this region is well represented in PTTC.

When you ask Mac about himself, he will tell you he is the only Oklahoma oil man with a town in Scotland (Alloway) bearing his name. He recently visited it and found it to his liking, though the citizens spoke with funny burrs on their words, and sounded British!

He made his first security in Denver in the 1970s by founding a public company, Golden Oil Co. He began by selling stock in it at a nickel a share on 17th Street.

Today Alloway has about 100 producing wells in the Osage, and is Chairman of the International Society of Energy Advocates, which is now in its 27th year of oil and gas public education as a non-profit, tax-deductible organization. He was a founding member of the Marginal



A. M. "Mac" Alloway

Wells Commission of Oklahoma, and still participates in its meetings.

Alloway is an energetic man with a long history in the oil business. His background, knowledge, strength, and love for the industry will well serve the South Midcontinent PTTC.

School of Geology & Geophysics Celebrates Centennial in May

*Honoring the past, celebrating the present,
and looking forward to the future.
Celebrating 100 years of excellence!*

The University of Oklahoma School of Geology and Geophysics will celebrate its 100th Anniversary May 4 and 5. Alumni and friends of the school are encouraged to join in these two days of festivities, tributes, and learning.

On Friday, May 4, registration starts at 8:30, followed by introductions and a history of the school. The next topic will be seismology, looking at OU's role in the early years, examining the state of the art of today, and looking at the future. OU President David L. Boren will speak at a noon luncheon in the OU Ballroom that day, and a poster session will be presented in the early afternoon.

At mid-afternoon, SG&G Alumni Advisory Council Chair Deborah Sacrey will introduce an afternoon of Alumni Success Stories, which will touch on Oklahoma

opportunities for independents, and independents in West Africa, then take a look at the major companies.

Saturday morning activities will center around the Sam Noble Oklahoma Museum of Natural History, and dedication of the Conoco Oil Pioneers of Oklahoma Plaza there. After a barbecue lunch, a grand march will take visitors to each of the buildings SG&G has occupied.

A banquet Saturday night will provide a fitting end to the celebrations. The speakers will be Marlan Downey and Charles R. "Chuck" Noll.

For specific information about the meeting, contact Sue Crites at 405/325-8971, or e-mail her at scrites@ou.edu. Information also is available on the web site at: <http://geowww.gcn.ou.edu/>. Don't miss a chance to be involved in this special celebration!

Upcoming Events

April

- 4/4 & 5 Springer Play, one-day workshops, Norman, *OGS, PTTC
4/6 Acquisition of Oil and Gas Properties, Oklahoma City, *MWC, PTTC
4/20 Acquisition of Oil and Gas Properties, Tulsa, *MWC, PTTC
4/10 & 11 Springer Play, one-day field trips, Ardmore, *OGS, PTTC
4/27 Basic Accounting Principles and Insurance; Ardmore, *MWC, PTTC,

May

- 5/4 Basic Accounting Principles and Insurance, Pawhuska, *MWC, PTTC
5/8-9 Revisiting Old and Assessing New Petroleum Plays in the Southern Midcontinent, two-day workshop, Oklahoma City, *OGS
5/22 & 23 Hunton Play Field Trip, one-day trips, Ada, *OGS, PTTC
5/25 Basic Accounting Principles and Insurance, Oklahoma City, *MWC, PTTC

June

- 6/1 Basic Accounting Principles and Insurance, Tulsa, *MWC, PTTC
6/8 MWC Trade Fair, Oklahoma City, *MWC, PTTC
6/13 Asphaltenes and Paraffin Problems, Ardmore, *MWC, PTTC
6/20 Springer Play Workshop; Oklahoma City, *OCGS, OGS, PTTC
6/21 Springer Play Workshop, Tulsa, *TGS, OGS, PTTC
6/22 Legal and Regulatory Issues Related to Oil and Gas, Ardmore, *MWC, PTTC
6/29 Legal and Regulatory Issues Related to Oil and Gas, Pawhuska, *MWC, PTTC

July

- 7/6 Legal and Regulatory Issues Related to Oil and Gas, Oklahoma City, *MWC, PTTC
7/11 Underbalanced Drilling Workshop, Norman, *MWC, PTTC
7/13 Legal and Regulatory Issues Related to Oil and Gas, Tulsa, *MWC, PTTC
7/20 Marketing of Oil and Gas, Ardmore, *MWC, PTTC
7/27 Marketing of Oil and Gas, Pawhuska, *MWC, PTTC

August

- 8/3 Marketing of Oil and Gas, Oklahoma City, *MWC, PTTC
8/10 Marketing of Oil and Gas, Tulsa, *MWC, PTTC
8/17 Well Operations—Engineering and Geology, Ardmore, *MWC, PTTC
8/24 Well Operations—Engineering and Geology, Pawhuska, *MWC, PTTC
8/31 Well Operations—Engineering and Geology,

September

- 3D Seismic Workshop, Bartlesville, *OGS, PTTC

October

- Coalbed-Methane Workshop and Field Trip, *OGS, PTTC
Earth-Sciences Week

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

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

*OCGS=Oklahoma City Geological Society, 405/236-8086

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

Hunton Field Trip Tours Arbuckle Mountains Area

A one-day field trip examining the Hunton play is scheduled to run two days, May 22 and 23, to follow up on the extremely popular Hunton Play Workshop presented last November in Norman, Oklahoma. The workshop was sponsored by the Oklahoma Geological Survey and the Petroleum Technology Transfer Council (PTTC).

The field trip will be led by Tom Stanley, an OGS geologist and author of the accompanying guidebook, and will include eight stops situated in the northern part of the Arbuckle Mountains and the Lawrence uplift. The purpose of the field trip is to acquaint the participants with all of the important oil and gas producing facies of the Hunton Group, which formed under a carbonate-ramp-style depositional regime. These producing intervals include the Frisco and Bois d' Arc Formations, and shallow-water carbonate members of the Chimneyhill Subgroup. Some stops will also include a look at non-producing intervals of the Haragan and Henryhouse Formations. Detailed surface descriptions of these producing and non-producing units will be used to

augment those lithostratigraphic properties necessary for the formation of good carbonate reservoirs. In turn, the eight surface exposures will be related to subsurface logs, via comparison with measured gamma-ray profiles.

The field trip will begin and end at the parking lot of the Holiday Inn in Ada, Oklahoma. The cost is \$50, which will include transportation for the day, beverages, lunch, and a guidebook.

The Hunton is one of the more important oil and gas producing sequences of Oklahoma, and the workshop was quite popular, with more than 200 people attending the day-long sessions. The publication from the workshop, OGS Special Publication 2000-2, *Hunton Play in Oklahoma (Including Northeast Texas Panhandle)*, is available from the Survey for \$17, plus \$3.40 shipping and handling. Copies are available from the OGS by mail at 100 E. Boyd, Rm. N-131, Norman, OK 73019-0628; by phone from 405/360-2886 or 800/330-3996; or by e-mail from ogssales@ou.edu. Copies can be purchased over the counter at 1218-B West Rock Creek Road in Norman, Oklahoma.

Map of Field-Trip Stops

