

## ASSOCIATION ROUND TABLE

### 1980 ANNUAL CONVENTION NOTICE TO OVERSEAS MEMBERS

What's new? The AAPG-SEPM-EMD annual convention will be held June 8-11, 1980, in Denver, Colorado, U.S.A. The convention announcement containing the details of the technical program and all other convention activities, the application for hotel reservations, and the advance registration card will be available in January 1980.

The convention announcement will be sent by airmail to any overseas member who makes this request by writing to: AAPG Convention Department, P.O. Box 979, Tulsa, Oklahoma 74101, U.S.A.

### RECENT CONTRIBUTIONS TO AAPG FOUNDATION

#### Education Fund

Cities Service Company  
 Kerr-McGee Corporation  
 Shell Oil Company

#### General Fund

Charles Edward Allen  
 Allan P. Bennison  
 Edmund Thurston Benson  
 John Otis Clay  
 William H. Curry in memory of Thomas Hiestand  
 W. Dow Hamm in memory of Richard T. Lyons  
 William J. Hendy, Jr.  
 Theodore Spencer Hogue  
 E. J. Northwood  
 James I. Riddle in honor of Wallace E. Pratt  
 Raymond O. Stein, Jr.  
 Pike Hall Trichel  
 Robert N. Watson  
 Johannes Henri N. Wennekers  
 William F. Wilson  
 Kenneth Wayne Yarbrough

#### Research Fund

Douglas Weatherston in memory of Gage Lund

#### SEPM Fund

Allan P. Bennison

### ERRATA

AAPG *Bull.*, v. 63, no. 7 (July 1979), p. 1153: photo of 1979 Rocky Mountain Association of Geologists officers was inadvertently printed in reverse order.

August 1979 AAPG *Bulletin*, v. 63, no. 8, p. 1234, "Developments in North-Central Texas in 1978," by Johnny W. Watkins. Table 2 was incorrect. The correct table is given.

Table 2. Oil and Gas Production  
 in North-Central Texas, 1978

	1977	1978	Cum. Total to 1-1-79
Oil (bbl)	67,312,684	63,370,472	3,704 MM bbl
Gas (Bcf)	184	191	Unknown

### MID-CONTINENT SECTION MEETING October 7-9, 1979, Tulsa, Oklahoma

#### Abstracts of Papers

ARCHINAL, BRUCE E., Houston Oil & Minerals Corp., Houston, Tex.

Atoka Formation (Pennsylvanian) Deposition and Contemporaneous Structural Movement, Southwestern Arkoma Basin, Oklahoma

The Atoka Formation along the southwestern margin of the Arkoma basin in Coal and Pontotoc Counties, Oklahoma, is predominantly a mudstone unit interbedded with thin (30 ft or 9 m), horizontally stratified sandstones and rare, thin, sandy limestones. The Atoka was deposited primarily during a marine transgression on a shallow shelf that received minor amounts of sand-size sediment. The sandstones present were deposited as the foreshore and shoreface parts of beach, barrier-bar, and/or longshore bar sand sequences during brief stillstands or minor regressions.

The Clarita anticline was a rising, positive structural element during Atoka deposition. A thickened Atoka sequence is present north of this feature and overlaps and thins onto and across it. This was unrecognized in previous fusulinid studies which infer that *Fusulinella* occurs 100 ft (30 m) above *Profusulinella* when the actual stratigraphic separation is over 1,000 ft (300 m). Movement of the Clarita anticline, an eastward extension of the Hunton anticline, indicates that the Arbuckle Mountains, were first beginning to undergo structural uplift in early Atoka time.

The multistory Atoka sandstones, with updip pinch-out and overlapping mudstones, can be stratigraphic traps for small hydrocarbon accumulations in the subsurface on the flanks of the Clarita anticline.

BAKER, RANDALL K., Union Texas Petroleum, Oklahoma City, Okla.

Depositional Environment of Pennsylvanian Upper Marchand Sandstones, Northern Caddo County, Oklahoma

Controversy over the environment of deposition of