

# PREVIEWS

<b>A tight sandstone reservoir</b>	<i>The purpose of this study is to understand the hydrocarbon charge history of a tight gas reservoir and to provide a model for further exploration through an integrated study including x-ray micro-computed tomography and scanning electron microscopy imaging, natural gas and light oil geochemistry, and fluid inclusion petrography. . . . .</i>	<i>1501</i>
<b>Deformation bands as structural heterogeneities</b>	<i>Pervasive deformation band arrays delay water breakthrough and enhance sweep when the contrast of permeability between them and the host rock is at least of three orders of magnitude, resulting in larger final produced volumes and higher total recovery. . . . .</i>	<i>1523</i>
<b>Oil field provides clues</b>	<i>The mechanism for petroleum accumulation in the Qinhuangdao 29 oil field, Bohai Sea, China, is examined by analyzing the gas and fluid composition and conduit architecture and calculating the intensity of boundary faults in order to better understand petroleum exploration on the Shijiutuo uplift. . . . .</i>	<i>1541</i>
<b>The impacts of karstification</b>	<i>Seismic reflection data should be used in conjunction with petrographic and geochemical techniques to determine the presence of karst and to help improve the characterization of carbonate reservoirs and associated drilling hazards. . . . .</i>	<i>1561</i>
<b>Volcanic hydrocarbon reservoirs are rare</b>	<i>Carboniferous volcanic rocks of the Junggar Basin, China, are primarily andesite and tuff. Diagenetic processes that control reservoir quality are examined. The controlling factors for oil distribution in these volcanic rocks are faulting, fracture development, and degree of weathering. . . . .</i>	<i>1585</i>
<b>Brine chemistry in the Williston Basin</b>	<i>Brines currently being produced in the East Poplar and Northwest Poplar oil fields, Williston Basin, Montana, are of two chemically and isotopically distinct types. The solute chemistry and Sr composition of group I brines are similar to those that contaminated the groundwater. . . . .</i>	<i>1619</i>

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TBD

### NORTHWEST (OR/WA)

J. M. Armentrout  
L. B. Thompson

### OHIO

P. L. Archer

### OKLAHOMA CITY

J. A. Alberts  
D. G. Campbell  
T. L. Hollrah  
L. W. Holman, II  
S. A. Ladner  
M. W. Smith

### PANHANDLE (TX)

J. F. O'Connell

### PITTSBURGH (PAPG)

M. A. Jarvis

### PITTSBURGH (PGS)

D. A. Billman  
A. A. Reynolds

### ROCKY MTN. (CO)

S. Adams  
J. Birdwell  
P. Bucknam  
C. E. Campbell  
J. J. Cuzella  
S. M. Goolsby  
J. E. Harris  
L. A. M. Johnson  
S. G. Kirkwood  
G. McClave  
R. K. Lewis  
R. R. Ray  
A. Steinle  
R. Sullivan  
R. L. Swank

### ROSWELL (NM)

TBD

### SACRAMENTO (CA)

S. T. Hector

### SAN ANGELO (TX)

B. Swartz

### SAN JOAQUIN (CA)

A. C. Draucker  
C. A. Huggins  
L. C. Knauer

### SHREVEPORT (LA)

TBD

### SOUTH TEXAS

J. Casiano  
K. Helm  
A. Smith

### SOUTHEASTERN (FL)

TBD

### TULSA (OK)

R. Fritz  
N. J. Hyne  
K. L. Luchtel Ferguson  
S. Matson

### UTAH

C. D. Morgan

### WASHINGTON (DC)

J. F. Allan  
C. Doolan  
C. Enomoto

### WEST TEXAS

S. Burke  
D. Entzminger  
J. Gamrod  
M. Raines

### WYOMING

L. D. W. George  
M. D. Peterson