

PREVIEWS

Improving risky reservoir prediction

Subtle synrift traps may develop on the flanks of extensional forced folds. Exposures in the eastern Suez rift, Egypt, were used to reconstruct early synrift tectono-stratigraphic development and to investigate reservoir architecture and distribution along an extensional forced fold..... 985

Clinoforms and shallow marine environments

Because current reservoir modeling techniques are not well suited to capturing clinoforms, they are rarely incorporated in models of shallow-marine reservoirs. This study develops a numerical algorithm that generates multiple clinoforms within a volume defined by two bounding surfaces 1013

Include clinoforms in reservoir modeling

Clinoforms significantly influence hydrocarbon recovery, and their impact is typically larger than that of other geologic heterogeneities. Neglecting barriers to flow along clinoforms may cause hydrocarbon recovery to be overestimated by as much as 35% 1049

A new application

Raman spectroscopic analysis is nondestructive, uses small sample sizes, and requires little preparation. It can be used as a quick and easy tool to assess thermal maturity and estimate optimal temperatures for hydrocarbon generation using fossil agglutinated foraminifera 1081

Stratal patterns of salt- withdrawal minibasins

Subsidence and sediment interact in minibasins to form unconformity-bounded stratal packages of variable convergence through a model of mass balance that focuses on the interaction between long-term sediment supply and basin-wide subsidence rate..... 1099

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S. P. Cumella
J. J. Cuzella
E. D. Dolly
J. E. Harris
L. A. M. Johnson
W. E. Johnson
B. S. Kelso
W. B. Kirkwood
C. J. N. Knight
S. M. Landon
J. C. Mullarkey
S. A. Sonnenberg

ROSWELL (NM)

D. B. Coddling

SACRAMENTO (CA)

S. T. Hector

SAN ANGELO (TX)

B. R. Swartz

SAN JOAQUIN (CA)

A. C. Draucker
L. C. Knauer
S. Mazzoni

SHREVEPORT (LA)

O. R. Berg

SOUTH TEXAS

T. J. McGovern
B. R. Weise
M. A. Younger

SOUTHEASTERN (FL)

TBD

TULSA (OK)

D. G. Burdick
N. J. Hyne
K. L. Luchtel Ferguson
J. S. McGray

UTAH

C. D. Morgan

WASHINGTON (DC)

J. F. Allan
C. A. Doolan
C. S. Swezey

WEST TEXAS

R. T. Dickey
D. J. Entzminger
R. S. Nail
M. A. Raines

WYOMING

L. D. W. George
L. M. Kozimko