

SOUTHEASTERN U.S. ATLANTIC OUTER CONTINENTAL SHELF GEOLOGIC HAZARDS OR CONSTRAINTS TO PETROLEUM DEVELOPMENT

BY

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EXPLANATION

- = Seismic reflection track line. Dashed and dash-dotted lines indicate a deterioration in reflection quality.
 - +--- = Break in time continuity of survey
 - 22 = Seismic line number
 - [B] = Nominated petroleum lease tract. Hazards analyses in these areas based on the U.S.G.S. Geologic Hazards Study for the Secretarial Issue Document, Lease Sale 43.
 - ⊕ = Well or core hole
- ## GEOLOGIC HAZARDS
- ⬆ = Small displacement in reflecting horizons (<2m.) possibly indicating a shallow buried fault. Point on downthrown side.
 - ⬆ = Small disruption in reflecting horizons (<2m.). Displacement direction not discernable from data.
 - ⬆ = Small displacement in reflecting horizons, with apparent surface expression.
 - ⬆ = Fault. Displacement >2m. Point on downthrown side.
 - ⬆ = Gravity or slump fault
 - ⬆ = Slump mass. Dashed where identification only probable.
 - ⬆ = Cut and fill channeling of probable river or stream origin
 - ⬆ = Cut and fill channeling of probable submarine current origin
 - ⬆ = Water column anomaly. May mark gas seep, patch reef, or fish school.
 - ⬆ = Sand waves
 - ⬆ = Severe submarine scour or scour topography
 - ⬆ = Marine habitat (shelf edge ridge or moderate-relief hardground)
 - R = Deep-water coral reef, thicket, or mound
 - ⬆ = Approximate western boundary of deep-water reefs

MAP II-A

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This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

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0 10 20 30
NAUTICAL MILES
0 10 20 30
STATUTE MILES
0 10 20 30
KILOMETERS
SCALE 1:500,000
UNIVERSAL TRANSVERSE
MERCATOR PROJECTION