



GEOLOGIC HAZARDS
 FAULT, DASHED WHERE INFERRED, QUESTIONABLE U, UPTHROWN SIDE, D, DOWNTHROWN SIDE BOX AND BAR ON DOWNTHROWN SIDE WHERE FAULT OFFSETS SEA FLOOR NUMBERS ALONG FAULT INDICATES DEPTH BELOW SEA FLOOR TO TOP OF FAULT, IN METERS.

EXPLANATION

CONSTRAINTS
 BURIED CHANNEL, BOUNDARY DASHED WHERE INFERRED. NUMBER INDICATES DEPTH BELOW SEA FLOOR TO TOP OF CHANNEL FILL, IN METERS.
 GAS-CHARGED SEDIMENT, BOUNDARY DASHED WHERE INFERRED.
 SHALLOW GAS (BRIGHT SPOT), BOUNDARY DASHED WHERE INFERRED. NUMBER INDICATES DEPTH BELOW SEA FLOOR TO TOP OF GAS ZONE, IN METERS.
 HYDROCARBON SEEP

BASE MAP
 GEOLGIC OUTCROPS (TERTIARY, CRETACEOUS, AND JURASSIC) UNPATTERNED AREAS ARE QUATERNARY SEDIMENTS OR SEDIMENTARY ROCKS.
 SURVEY LINES AND NAVIGATIONAL FIXES
 BATHYMETRIC CONTOUR, IN FEET (METERS).

**GEOLOGIC HAZARDS AND CONSTRAINTS
 OCS SALE 53 AREA
 NORTHERN AND CENTRAL CALIFORNIA**



Bathymetry prepared by Fairchild Industries under contract to the U.S. Geological Survey. Geologic base map prepared by Navigation Services Inc. for Fairchild Industries. Plots based on the Universal Transverse Mercator Grid System on a 4,000 meters on a side and contour 2.500 meters.