UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN-FILE REPORT 81-318
PLATE 2

NEWPORT
SHORELINE LOCATION APPROXIMATE
CALIFORNIA
LAGUNA POINT
FORT BRAGG
CONTOUR INTERVAL CHANGE TO 200' (61 METERS)
CASPAR POINT
POINT CABRILLO
PA 18254
MENDOCINO
SAN ANDREAS FAULT
CALIFORNIA
SHORELINE LOCATION APPROXIMATE
NAVARRO HEAD
SADDLE POINT
CONTOUR INTERVAL CHANGE TO 200'(61 METERS)
NAVARRO CANYON
ARENA CANYON
CONTOUR INTERVAL CHANGE TO 200'(61 METERS)
SHORELINE LOCATION APPROXIMATE
CALIFORNIA
POINT ARENA

EXPLANATION

GEOLOGIC HAZARDS

MASS MOVEMENT DEPOSIT, BOUNDARY DASHED WHERE INFERRED. QUERIED WHERE UNCERTAIN. ARROWS INDICATE DIRECTION OF PAST OR POTENTIAL MOVEMENT OF SEDIMENT.

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

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

BEDROCK OUTCROPS (TERTIARY, CRETACEOUS, AND JURASSIC). UNPATTERNED AREAS ARE QUATERNARY SEDIMENTS OR SEDIMENTARY ROCKS.

PA 036 — SURVEY LINES AND NAVIGATIONAL FIXES

—5001(152.5)— BATHYMETRIC CONTOUR, IN FEET (METERS).

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

STATUTE MILES

KILOMETERS

Bathymetry prepared by Fairfield Industries under contract to the U.S. Geological Survey. Navigation base map prepared by Navigation Services Inc. for Fairfield Industries. Tracts based on the Universal Transverse Mercator Grid System are 4,800 meters on a side and contain 2,304 hectares.

POINT ARENA AREA

PLATE 2