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ID: 88042797

TD  
195  
.P4  
P43  
1983  
MAPS



DEPARTMENT OF THE INTERIOR / MINERALS MANAGEMENT SERVICE

DRAFT

# ENVIRONMENTAL IMPACT STATEMENT

**GRAPHICS**  
(Maps)

~~Environmental  
Protection Agency  
Region 9~~

~~APR 1983~~

~~LIBRARY~~

PROPOSED 1983  
OUTER CONTINENTAL SHELF OIL  
AND GAS LEASE SALE OFFSHORE  
CENTRAL CALIFORNIA

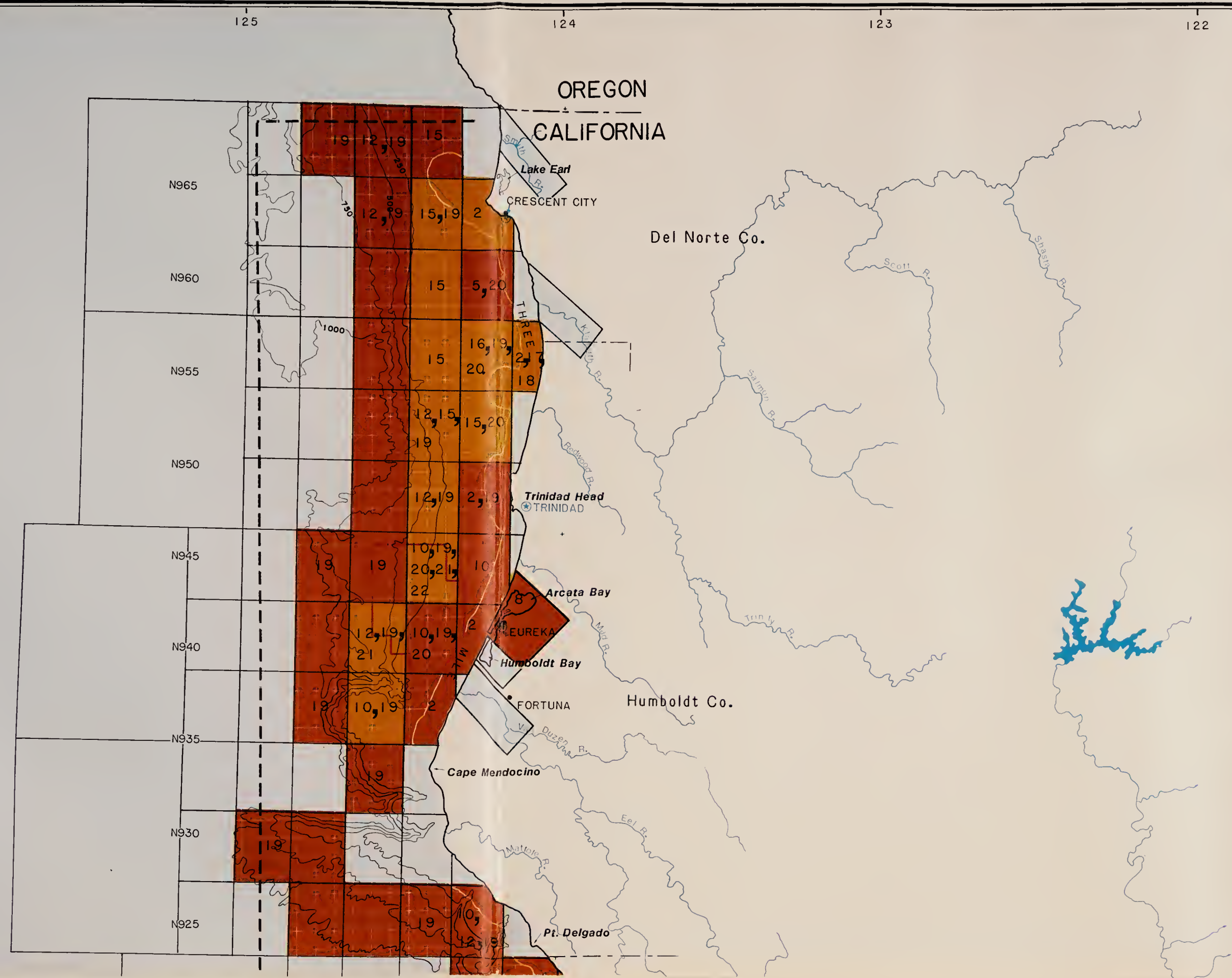
OCS SALE NO. 73

Prepared by the Minerals Management Service  
Pacific OCS Region  
1340 West Sixth Street, Los Angeles, California 90017

TD  
195  
.P4  
P43  
1983  
Maps

(4 pieces)

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UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 MINERALS MANAGEMENT SERVICE  
 PACIFIC OUTER CONTINENTAL SHELF REGION

**ENVIRONMENTAL IMPACT STATEMENT**  
**PROPOSED LEASE SALE NO. 73**

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 Protection Agency  
 Region 9




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**COMMERCIAL FISHERIES**

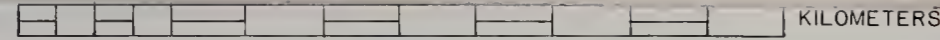
GRAPHIC NO.4

**LEGEND**

-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  MAJOR ANADROMOUS FISH STREAM







KILOMETERS

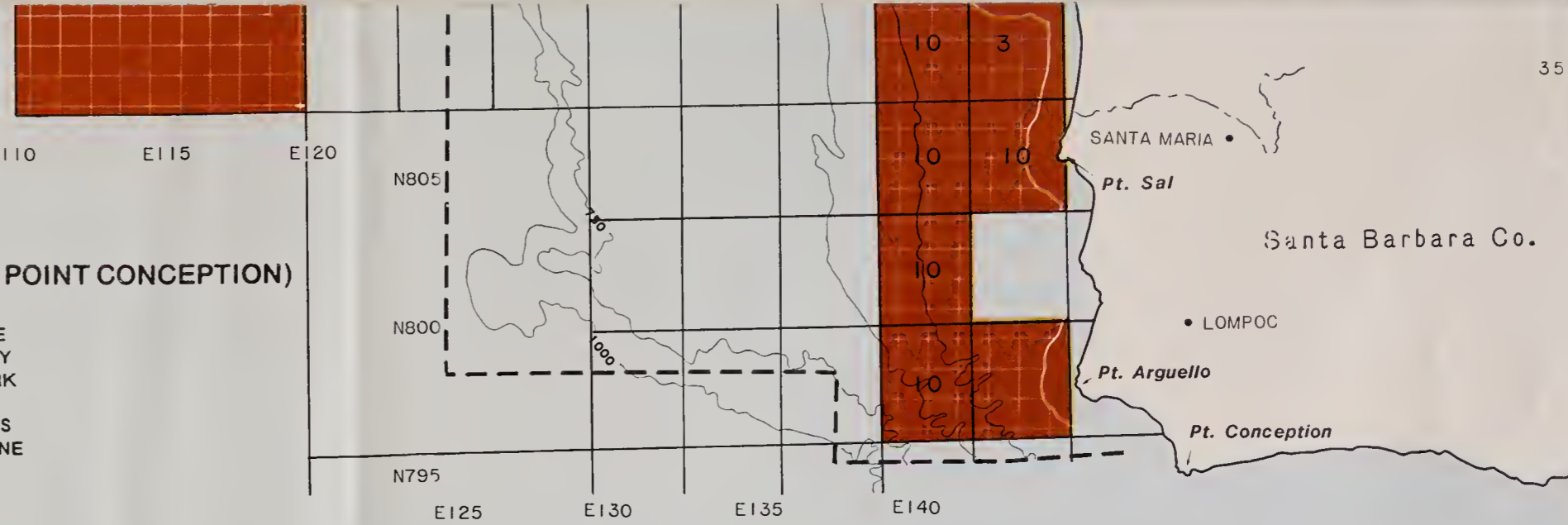
250 M. BATHYMETRIC CONTOUR INTERVALS

BASE COMPILED FROM THE BUREAU OF LAND MANAGEMENT, PACIFIC OCS OFFICIAL PROTRACTION DIAGRAMS ORIGINATING AT THE INTERNATIONAL BORDER OF MEXICO TO THE OREGON BORDER.

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**UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM (NORTH OF POINT CONCEPTION)**

THE BOUNDARIES OF THE REGULAR UTM BLOCKS ARE 4,800 INTERNATIONAL METERS ON A SIDE AND CONTAIN 2,304 HECTARES. THE REGULAR BOUNDARIES ARE DEFINED IN TERMS OF X AND Y COORDINATES OF THE UNIVERSAL TRANSVERSE MERCATOR GRID SYSTEM BASED ON THE CLARK SPHEROID OF 1866. THE BLOCKS ARE NUMBERED STARTING WITH THE FIRST TIER NORTHERLY OF THE EQUATOR AS "N 1". THE FIRST RANGE OF BLOCKS WESTERLY OF THE CENTRAL MERIDIAN OF EACH UTM ZONE IS DESIGNATED "E100". THUS, A BLOCK NUMBERED "N200-E 96", WOULD BE THE 200TH BLOCK NORTHERLY OF THE EQUATOR AND THE FIFTH BLOCK OF THE CENTRAL MERIDIAN OF THE RESPECTIVE UTM ZONE.



126

125

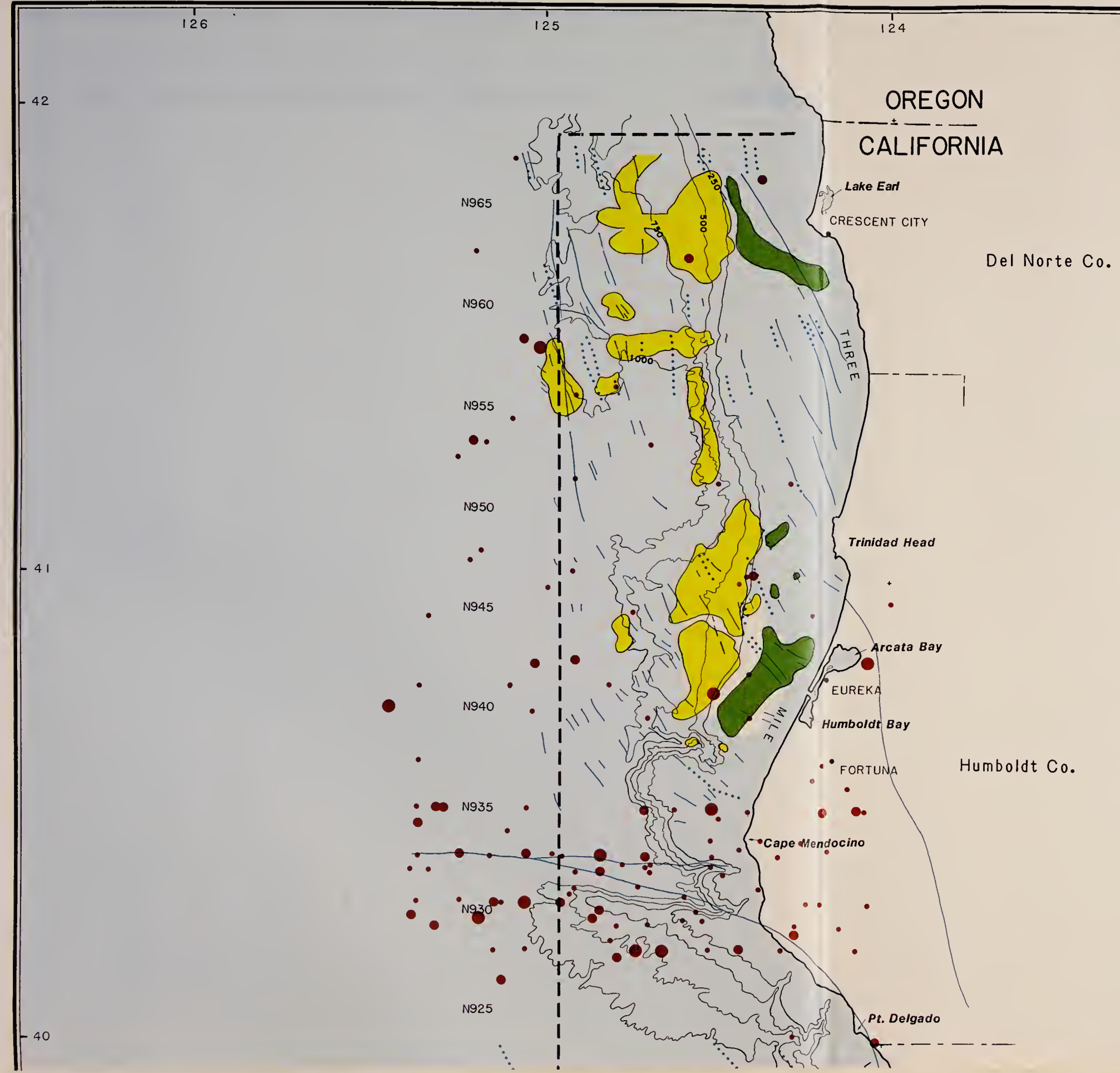
124

123

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121

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 PACIFIC OUTER CONTINENTAL SHELF REGION

ENVIRONMENTAL IMPACT STATEMENT  
 PROPOSED LEASE SALE NO. 73




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**GEOLOGIC HAZARDS**  
 GRAPHIC NO. 3

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**LEGEND**




-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  BURIED CHANNEL



 POTENTIAL SLUMPING

EARTHQUAKE EPICENTERS OF KNOWN INTENSITY  
1969 - 82

RICHTER SCALE RECORDINGS:


-  4.0 - 4.9
-  5.0 - 5.9
-  OVER 6.0


FAULTS IN NEOGENE ROCKS

 SURFACE EXPRESSION

 INFERRED OR BURIED

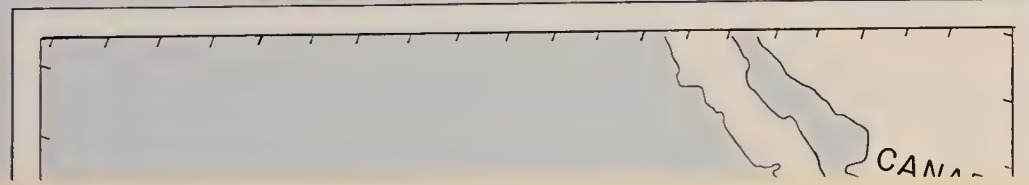
 FAULT ZONE

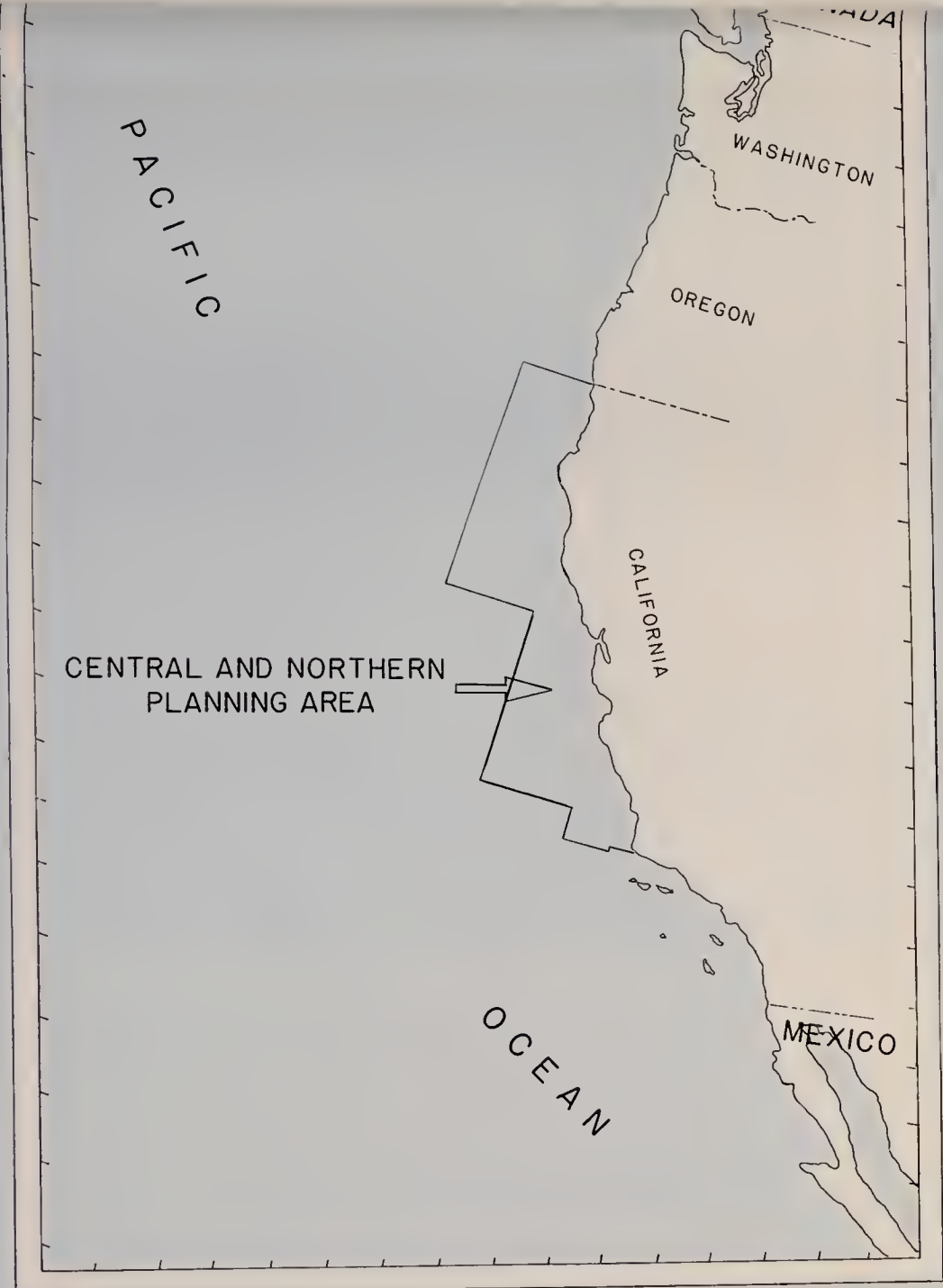
 DEEP GAS ACCUMULATIONS

 SHALLOW GAS ACCUMULATIONS

REAL, C.R., TOPPOZADA, AND AND PARKE, D.C., 1978, EARTHQUAKE EPICENTER OF CALIFORNIA 1900 THROUGH 1974 MAP SHEET 39. CALIFORNIA DIVISION OF MINES AND GEOLOGY

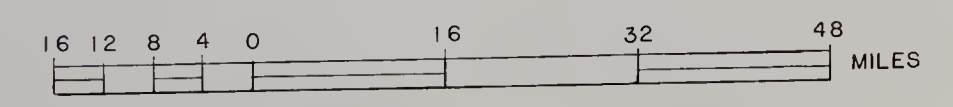
MCCULLOCH, D.S., GREEN, H.G., HESTON, K.S., AND RUBIN, D.M., 1980, A SUMMARY OF THE GEOLOGY AND GEOLOGIC HAZARDS IN PROPOSED SALE 53, CENTRAL CALIFORNIA OUTER CONTINENTAL SHELF: U.S.G.S. OPEN-FILE REPORT 80-1095., 13 PLATES



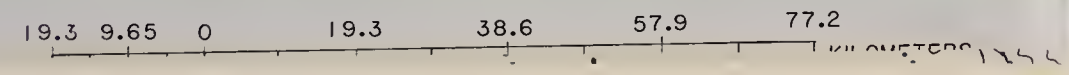


SCALE 1:1,013,760

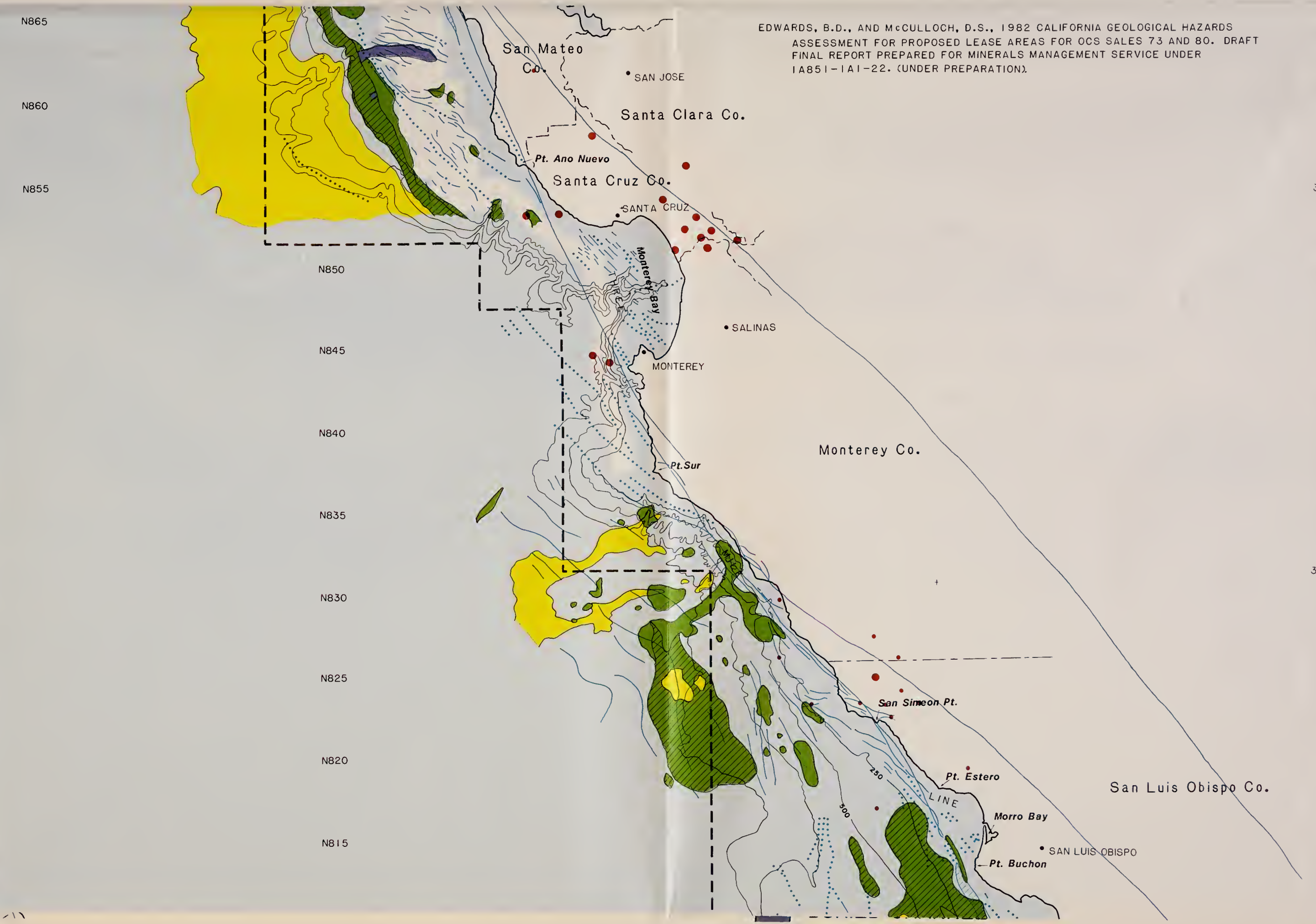
1 INCH EQUALS 16 MILES



1 CENTIMETER EQUALS 9.65 KILOMETERS



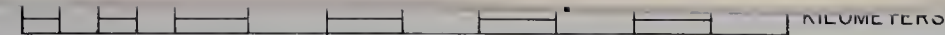
EDWARDS, B.D., AND McCULLOCH, D.S., 1982 CALIFORNIA GEOLOGICAL HAZARDS ASSESSMENT FOR PROPOSED LEASE AREAS FOR OCS SALES 73 AND 80. DRAFT FINAL REPORT PREPARED FOR MINERALS MANAGEMENT SERVICE UNDER 1A851-1A1-22. (UNDER PREPARATION).



37

36





35

250 M. BATHYMETRIC CONTOUR INTERVALS

BASE COMPILED FROM THE BUREAU OF LAND MANAGEMENT, PACIFIC OCS OFFICIAL PROTRACTION DIAGRAMS ORIGINATING AT THE INTERNATIONAL BORDER OF MEXICO TO THE OREGON BORDER.

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126

125

124

123

122

121

120

N810

E85

E90

E95

E100

E105

E110

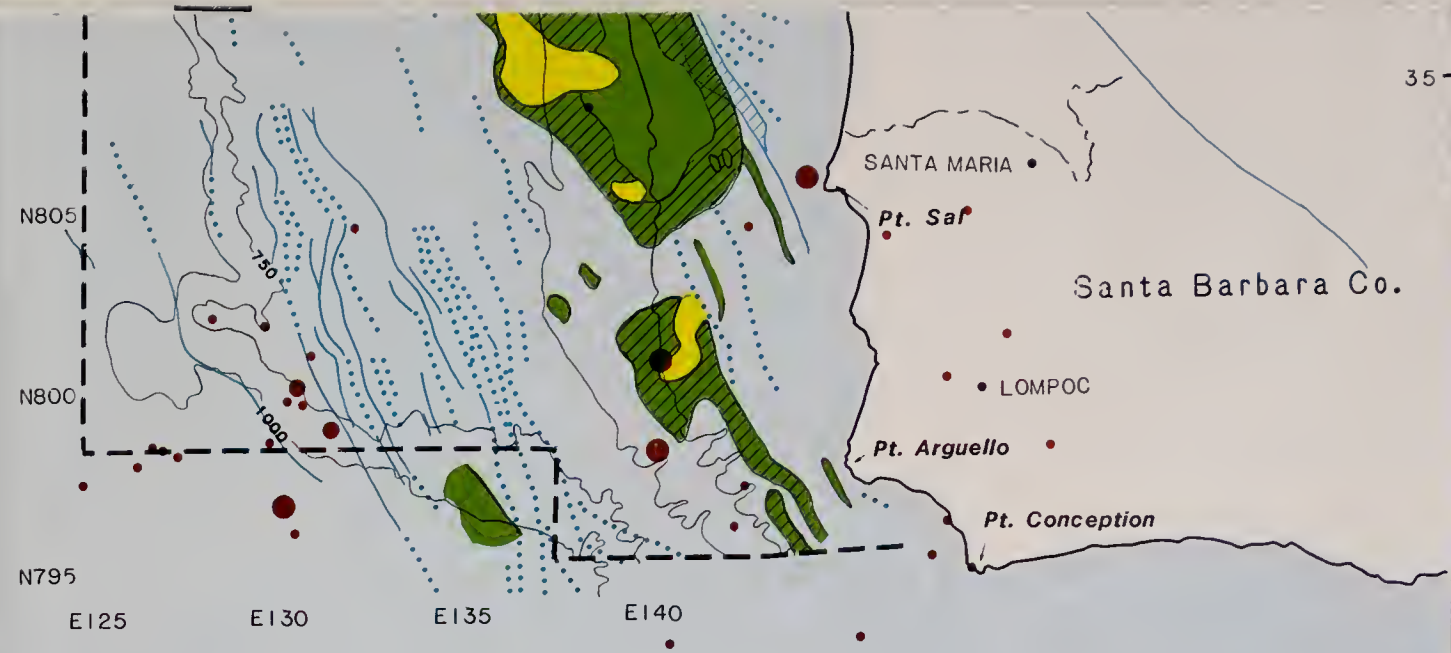
E115

E120

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35

SANTA MARIA

Pt. Sal

Santa Barbara Co.

LOMPOC

Pt. Arguello

Pt. Conception

N805

N800

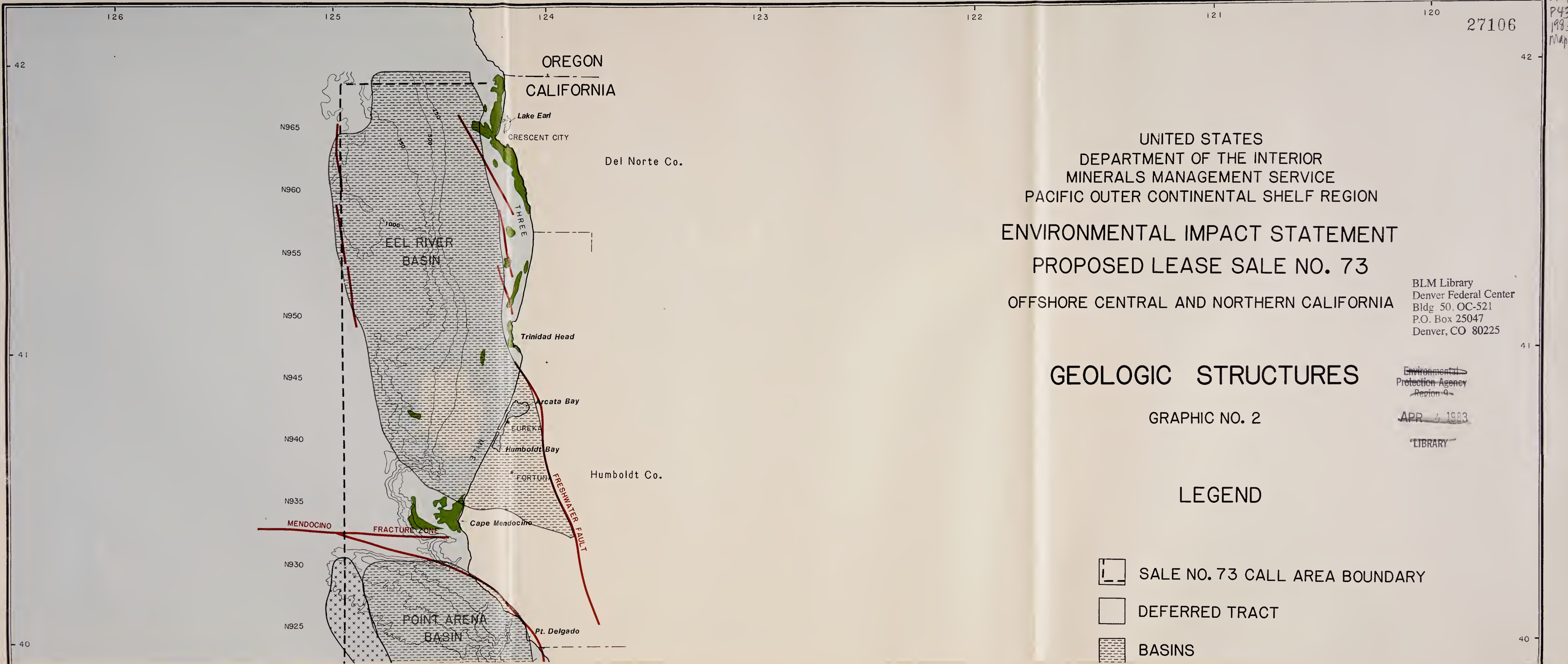
N795

E125

E130

E135

E140



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 MINERALS MANAGEMENT SERVICE  
 PACIFIC OUTER CONTINENTAL SHELF REGION

ENVIRONMENTAL IMPACT STATEMENT  
 PROPOSED LEASE SALE NO. 73  
 OFFSHORE CENTRAL AND NORTHERN CALIFORNIA

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GEOLOGIC STRUCTURES




GRAPHIC NO. 2

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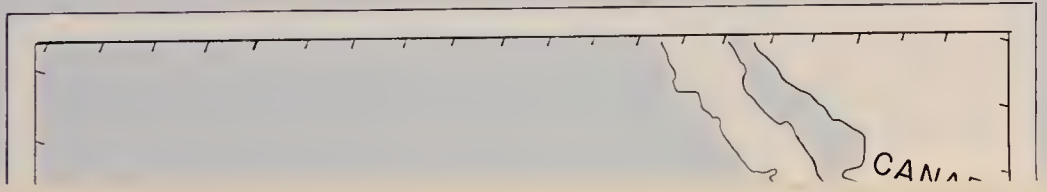
LEGEND

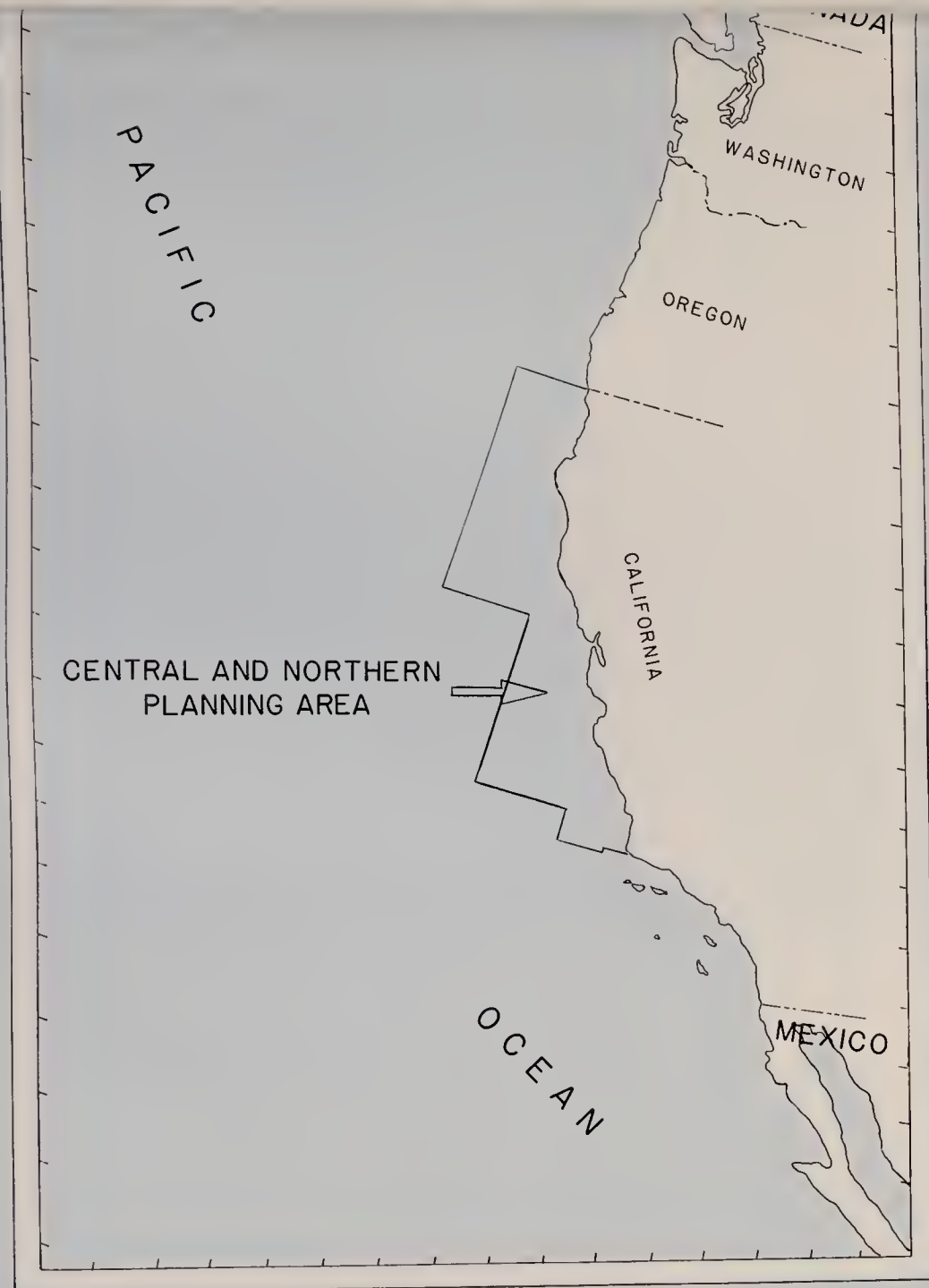
-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  BASINS



-  BEDROCK HIGHS
-  PRINCIPAL ROCKY OUTCROPS
-  FAULT ZONES

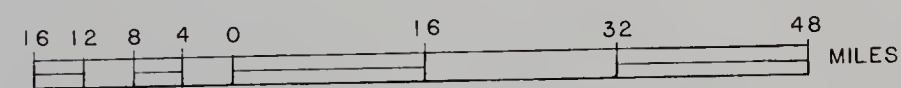
SOURCE: RICHMOND, W. C., AND BURDICK, D. J., 1981, GEOLOGIC HAZARDS AND CONSTRAINTS OF OFFSHORE NORTHERN AND CENTRAL CALIFORNIA: OFFSHORE TECHNOLOGY CONFERENCE, PROCEEDINGS PAPER OTC 4117, P. 9-12 FIGURE 1.



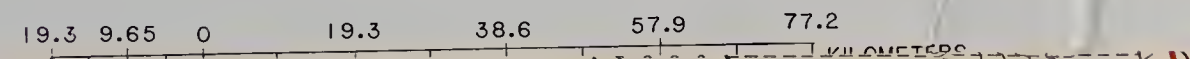


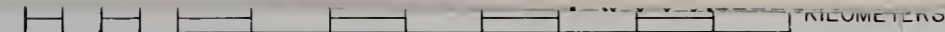
SCALE 1:1,013,760

1 INCH EQUALS 16 MILES



1 CENTIMETER EQUALS 9.65 KILOMETERS





250 M. BATHYMETRIC CONTOUR INTERVALS

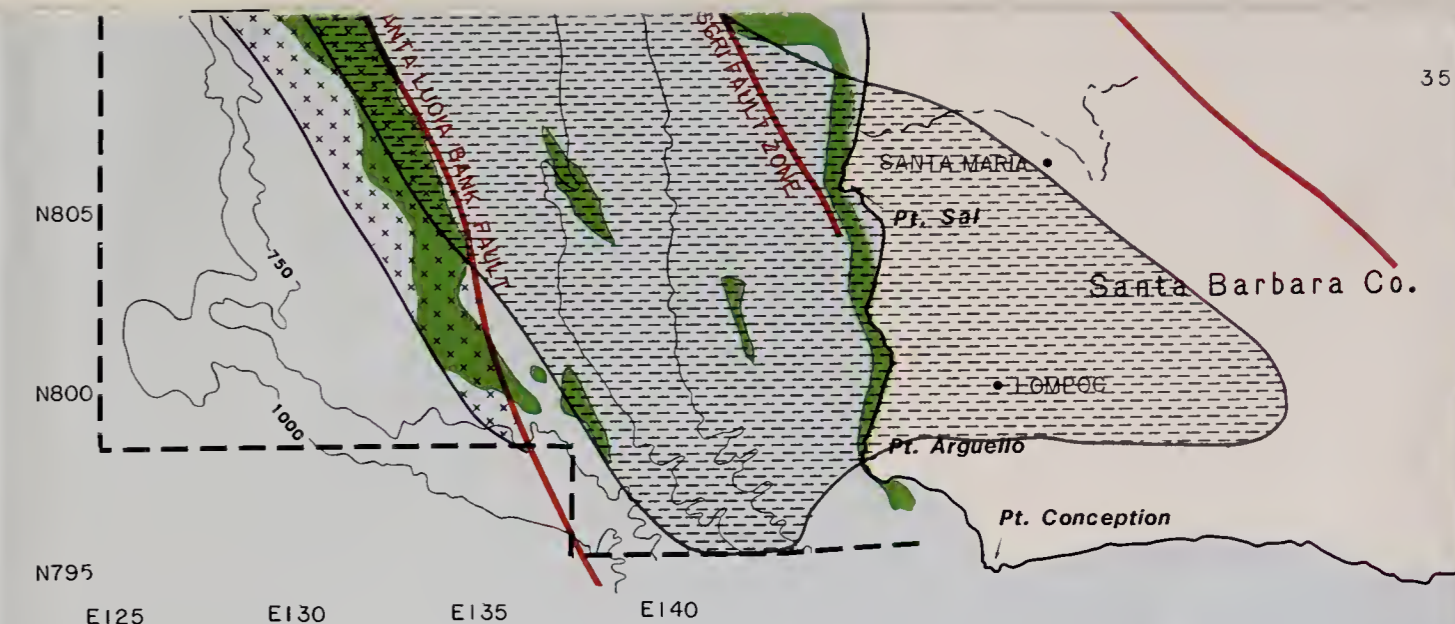
BASE COMPILED FROM THE BUREAU OF LAND MANAGEMENT, PACIFIC OCS OFFICIAL PROTRACTION DIAGRAMS ORIGINATING AT THE INTERNATIONAL BORDER OF MEXICO TO THE OREGON BORDER.

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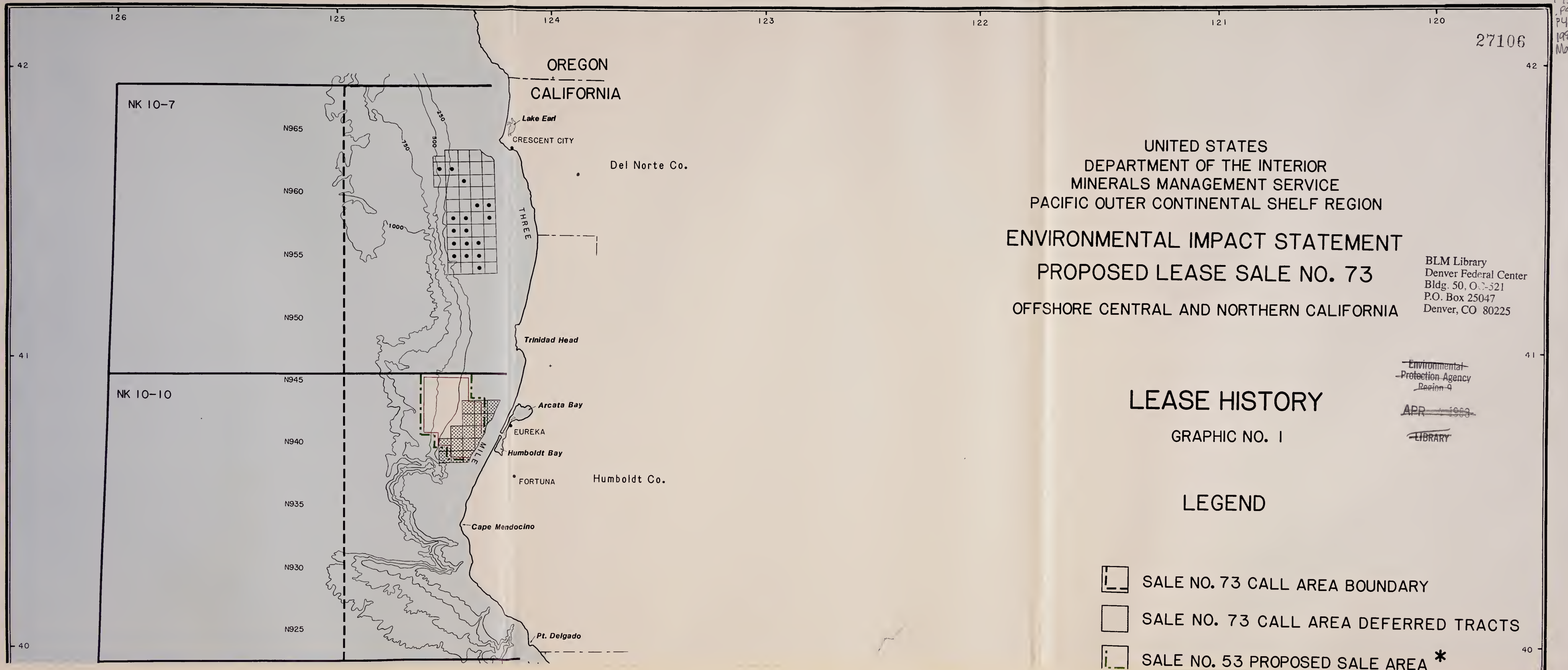
E85 E90 E95 E100 E105 E110 E115 E120

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126 125 124 123 122 121 120



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 MINERALS MANAGEMENT SERVICE  
 PACIFIC OUTER CONTINENTAL SHELF REGION

**ENVIRONMENTAL IMPACT STATEMENT**  
**PROPOSED LEASE SALE NO. 73**

OFFSHORE CENTRAL AND NORTHERN CALIFORNIA




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**LEASE HISTORY**

GRAPHIC NO. 1

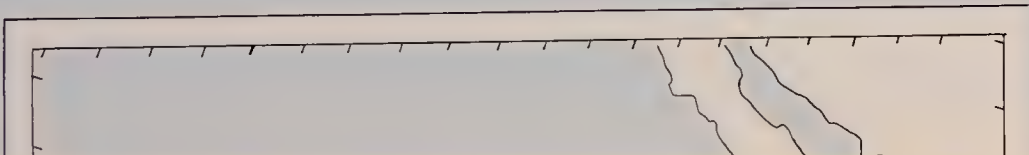
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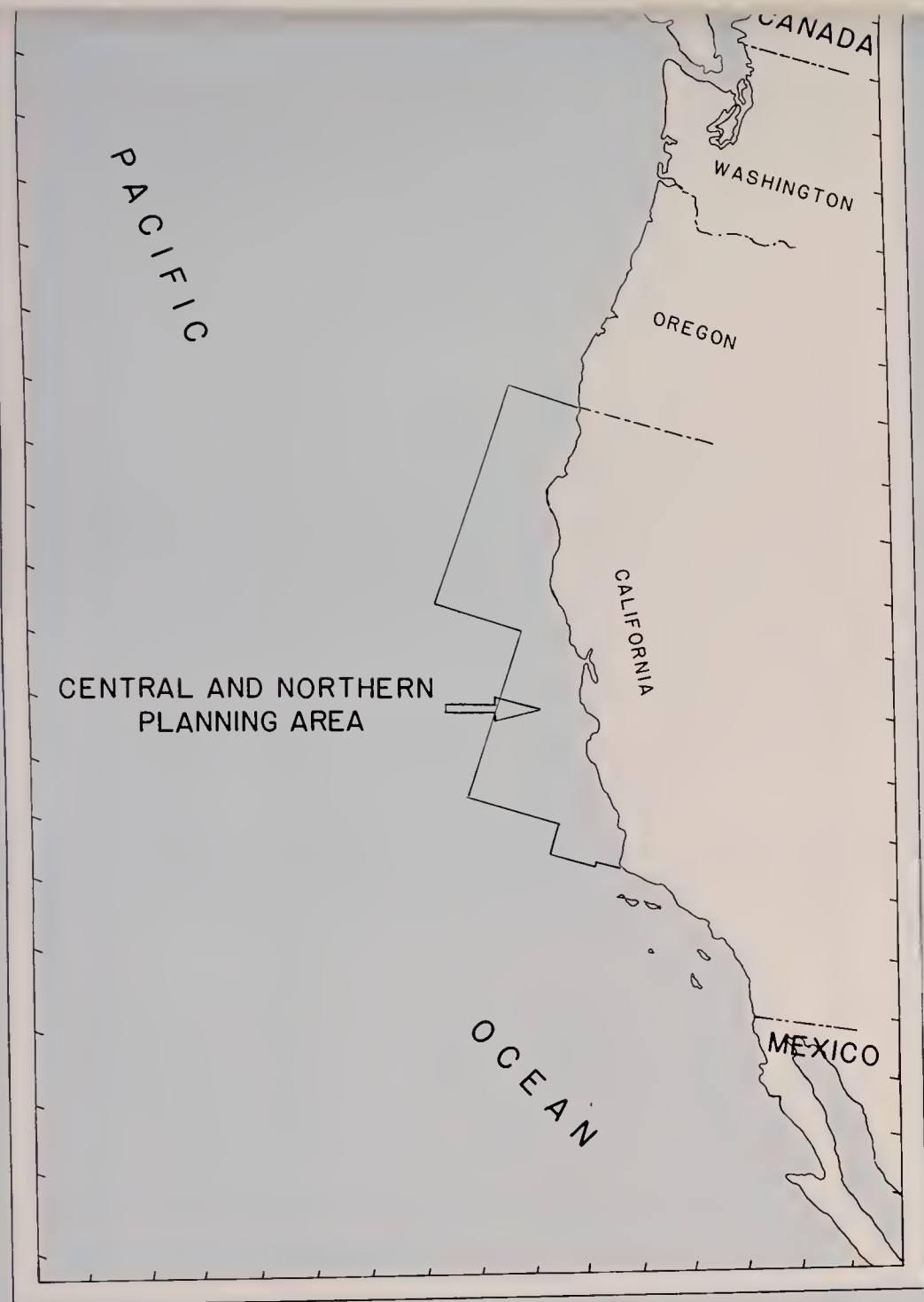
**LEGEND**

-  SALE NO. 73 CALL AREA BOUNDARY
-  SALE NO. 73 CALL AREA DEFERRED TRACTS
-  SALE NO. 53 PROPOSED SALE AREA \*



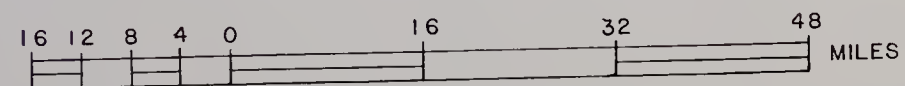
- SALE NO. 53 LEASED TRACTS
- SALE NO. 53 DEFERRED TRACTS
- SALE NO. 53 LITIGATED TRACTS (BIDS RECEIVED)
- SALE NO. 53 LITIGATED TRACT (NO BIDS RECEIVED)
- PROPOSED RS2 SALE AREA
- ★ RS2 SALE - LEASED TRACTS
- 1963 SALE - PROPOSED SALE AREA \*\*
- 1963 SALE - LEASED TRACTS
- 1963 SALE - DELETED AREAS
- 128 SALE NO. 73 TRACT NUMBER ★
- NJ 10-8 PROTRACTION DIAGRAM BOUNDARY AND NUMBER
- PROPOSED SALE NO. 73 SALE AREA



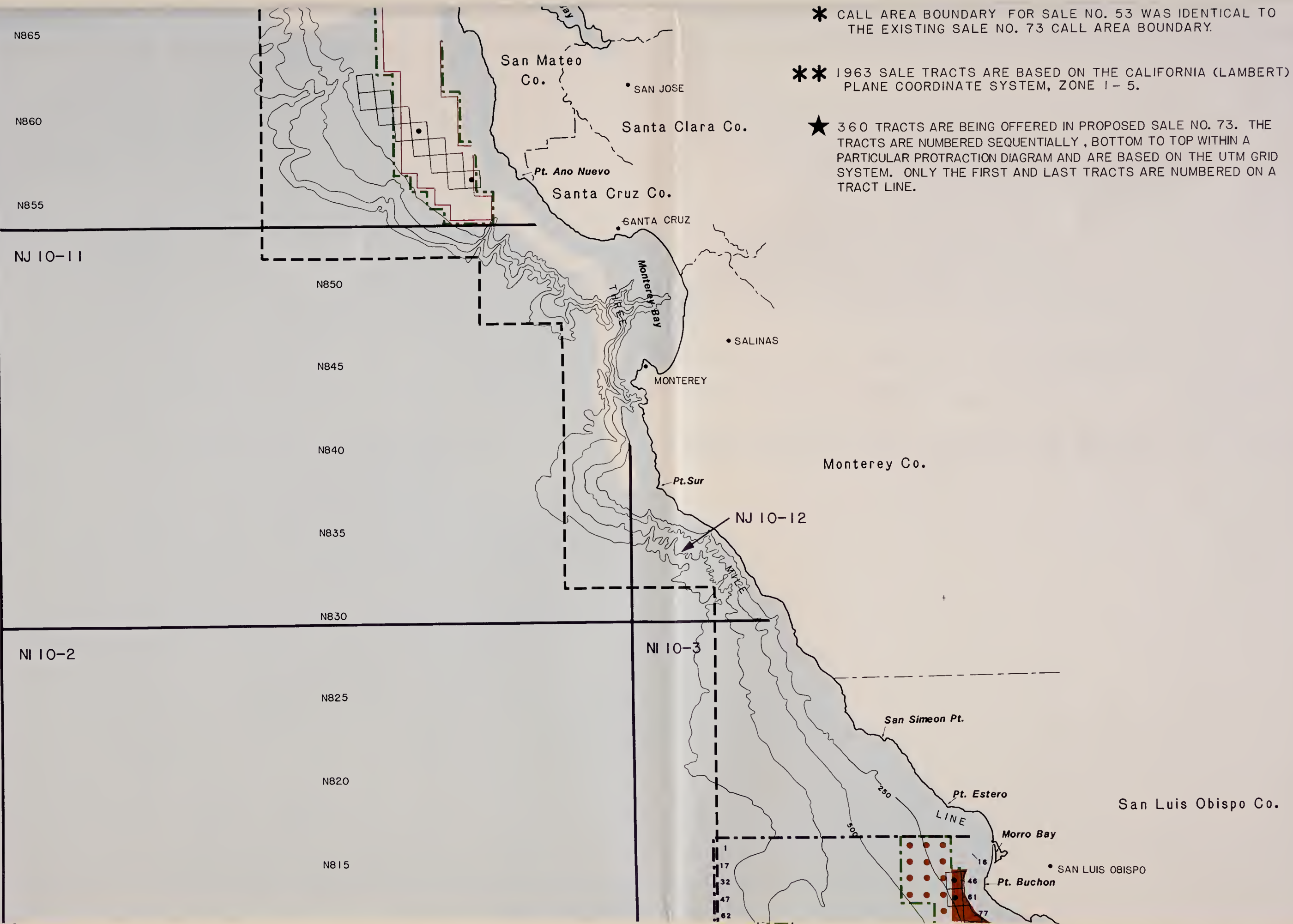


SCALE 1:1,013,760

1 INCH EQUALS 16 MILES



1 CENTIMETER EQUALS 9.65 KILOMETERS

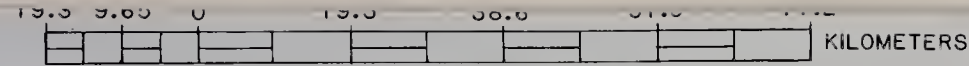


\* CALL AREA BOUNDARY FOR SALE NO. 53 WAS IDENTICAL TO THE EXISTING SALE NO. 73 CALL AREA BOUNDARY.

\*\* 1963 SALE TRACTS ARE BASED ON THE CALIFORNIA (LAMBERT) PLANE COORDINATE SYSTEM, ZONE 1-5.

★ 360 TRACTS ARE BEING OFFERED IN PROPOSED SALE NO. 73. THE TRACTS ARE NUMBERED SEQUENTIALLY, BOTTOM TO TOP WITHIN A PARTICULAR PROTRACTION DIAGRAM AND ARE BASED ON THE UTM GRID SYSTEM. ONLY THE FIRST AND LAST TRACTS ARE NUMBERED ON A TRACT LINE.





250 M. BATHYMETRIC CONTOUR INTERVALS

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