RECEIVED

MAY 31 1977

UNITED STATES DISTRICT COURT
DISTRICT OF NEBRASKA

ROBERT VAN PELT
SENIOR DISTRICT JUDGE
566 FEDERAL BUILDING
LINCOLN, NEBRASKA 68508

May 27, 1977.

Commissioner of the General Land Office
of the State of Texas
State Capitol
Austin, Texas

Dear Sir:

In re: No. 36 Original
Texas v. Louisiana

Pursuant to the decree entered by the U. S. Supreme Court on May 16, 1977, I hand you herewith for filing a certified copy of the decree of the U. S. Supreme Court, together with Exhibits AAA-1 to AAA-12 inclusive, and Exhibits 13 and 14, which I have certified and which, in effect, mark the boundary between Texas and Louisiana, as provided in the decree.

I have been previously advised by the Attorney General of your State, or representatives in the litigation, that there would be no charge for the filing of this decree and of these maps.

I will appreciate a receipt from you showing the filing and if the decree is entered in some official record, the volume number and page where entered or where the filing appears. I will then file your receipt or acknowledgment with the Clerk of the U. S. Supreme Court.

If you have any questions about the matter I suggest that you contact the office of the Attorney General of Texas, Mr. John L. Hill.

Very truly yours,

Robert Van Pelt
SPECIAL MASTER

ENCLOSURES

June 13, 1977

Judge Robert Van Pelt, Special Master
United States District Court
District of Nebraska
566 Federal Building
Lincoln, Nebraska 68508

Re: No. 36 Original, Texas v. Louisiana

Dear Judge Van Pelt:

Thank you very much for the copy of the decree in the above styled cause which you forwarded to us along with various maps and exhibits.

I would also like to take this opportunity to express to you our appreciation for the courtesies extended to us during the time this case was being considered. We were fortunate to have your services.

Sincerely,

Bob Armstrong

except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
30°13′27″	93°36′47″
30°38′14″	93°40′40″
30°34′49″	93°42′22″
30°34′40″	93°43′13″
30°30′38″	93°42′28″

Thence, on the United States Geological Survey Quadrangle Starks, La.-Tex. Edition of 1959 (photorevised 1967) and the United States Geological Survey Quadrangle Bessmay, Tex.-La., Edition of 1955, each signed by Hatley N. Harrison, Jr., for Louisiana on February 20, 1974, and by Herman H. Forbes, Jr. for Texas on February 20, 1974, which are in evidence in this case as Texas Exhibits AAA–9 and AAA–10, using the federal line as shown along the Sabine River as the boundary except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
30°23′40″	93°44′38″
30°19′17″	93°43′21″
30°18′40″	93°41′37″
30°16′58″	93°42′12″
30°15′25″	93°42′08″

Thence, on the United States Geological Survey Quadrangle Orange, Tex.-La., Edition of 1960 signed by Hatley N. Harrison, Jr. for Louisiana, on March 20, 1974, and by Herman H. Forbes, Jr. for Texas, on May 20, 1974, which is in evidence in this case as Texas Exhibit AAA–11, using the federal line as shown along the Sabine River as the boundary except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
30°12′11″	93°42′46″
30°11′38″	93°42′33″
30°06′04″	93°42′57″
30°05′09″	93°43′49″

Thence, on the United States Geological Survey Quadrangle,

Orangefield, Tex.-La., Edition of 1957 signed by Hatley N. Harrison, Jr. for Louisiana, on February 20, 1974, and by Herman H. Forbes, Jr. for Texas, on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–12, using the federal line shown along the Sabine River as the boundary to a point on the geographic middle of the Sabine River whose position is Latitude 30°00′00.000″ North and Longitude 93°46′07.952″ West.

And thence, as shown on Exhibit 13, which is in evidence herein, the boundary from the point last mentioned through Middle Pass at the mouth of the Sabine River and through Sabine Lake and Pass to the seaward end of the jetties is defined by straight lines between points in either Louisiana (Lambert) Coordinate System, South Zone, or Texas (Lambert) Coordinate System, South Central Zone, whose geographic positions are as follows:

	Latitude North	*Longitude West*	*Location*
COMMENCE AT	30°00′00.000″	93°46′07.952″	River
THROUGH	29°59′51.826″	93°46′09.065″	Head of Pass
THROUGH	29°59′47.318″	93°46′23.110″	River
THROUGH	29°59′45.740″	93°46′48.996″	River
THROUGH	29°59′42.357″	93°46′24.193″	River
THROUGH	29°59′41.978″	93°46′31.407″	River
THROUGH	29°59′41.857″	93°46′36.751″	River
THROUGH	29°59′41.098″	93°46′41.539″	River
THROUGH	29°59′38.127″	93°46′51.104″	River
THROUGH	29°59′34.754″	93°46′57.677″	Head of Pass
THROUGH	29°59′33.842″	93°47′27.165″	Middle Pass
THROUGH	29°59′00.673″	93°47′36.676″	Middle Pass
THROUGH	29°58′50.683″	93°47′43.561″	Middle Pass
THROUGH	29°58′43.739″	93°47′48.469″	Upper Sabine Lake
THROUGH	29°58′37.530″	93°47′54.175″	Upper Sabine Lake
THROUGH	29°58′30.922″	93°48′00.976″	Upper Sabine Lake
THROUGH	29°58′03.916″	93°48′20.679″	Upper Sabine Lake
THROUGH	29°56′49.422″	93°48′31.253″	Upper Sabine Lake
THROUGH	29°56′23.805″	93°48′37.697″	Upper Sabine Lake
THROUGH	29°56′19.080″	93°48′43.491″	Upper Sabine Lake
THROUGH	29°56′11.739″	93°48′47.325″	Upper Sabine Lake
THROUGH	29°55′57.322″	93°48′50.454″	Upper Sabine Lake
THROUGH	29°55′03.827″	93°49′01.810″	Upper Sabine Lake

	Latitude North	*Longitude West*	*Location*
THROUGH	29°54′36.973″	93°49′16.302″	Upper Sabine Lake
THROUGH	29°54′04.386″	93°49′37.656″	Upper Sabine Lake
THROUGH	29°53′32.579″	93°50′03.845″	Upper Sabine Lake
THROUGH	29°52′59.660″	93°50′21.747″	Upper Sabine Lake
THROUGH	29°52′39.770″	93°50′35.639″	Upper Sabine Lake
THROUGH	29°52′25.145″	93°51′09.699″	Middle of Sabine Lake
THROUGH	29°51′50.473″	93°52′07.103″	Lower Sabine Lake
THROUGH	29°51′32.542″	93°52′28.004″	Lower Sabine Lake
THROUGH	29°51′15.878″	93°52′37.568″	Lower Sabine Lake
THROUGH	29°51′05.260″	93°52′49.673″	Lower Sabine Lake
THROUGH	29°50′54.303″	93°52′35.182″	Lower Sabine Lake
THROUGH	29°50′15.169″	93°54′20.311″	Lower Sabine Lake
THROUGH	29°49′49.772″	93°54′49.448″	Lower Sabine Lake
THROUGH	29°49′44.529″	93°54′58.065″	Lower Sabine Lake
THROUGH	29°49′37.618″	93°55′05.771″	Lower Sabine Lake
THROUGH	29°49′20.903″	93°55′20.142″	Lower Sabine Lake
THROUGH	29°48′42.539″	93°55′35.809″	Lower Sabine Lake
THROUGH	29°48′18.451″	93°55′40.759″	Lower Sabine Lake
THROUGH	29°47′36.545″	93°55′39.194″	Lower Sabine Lake
THROUGH	29°47′15.758″	93°55′30.252″	Lower Sabine Lake
THROUGH	29°47′05.436″	93°55′18.919″	Lower Sabine Lake
THROUGH	29°46′55.740″	93°55′01.889″	Lower Sabine Lake
THROUGH	29°46′48.210″	93°54′46.996″	Lower Sabine Lake
THROUGH	29°46′36.049″	93°54′25.852″	Lower Sabine Lake
THROUGH	29°46′28.073″	93°54′13.425″	Lower Sabine Lake
THROUGH	29°46′18.585″	93°53′57.291″	Lower Sabine Lake
THROUGH	29°46′06.942″	93°53′45.018″	Sabine Pass
THROUGH	29°45′54.345″	93°53′30.549″	Sabine Pass
THROUGH	29°45′49.978″	93°53′28.808″	Sabine Pass
THROUGH	29°45′33.577″	93°53′26.925″	Sabine Pass
THROUGH	29°45′18.838″	93°53′33.851″	Sabine Pass
THROUGH	29°45′05.648″	93°53′32.213″	Sabine Pass
THROUGH	29°42′54.133″	93°53′31.124″	Sabine Pass
THROUGH	29°44′43.478″	93°53′28.071″	Sabine Pass
THROUGH	29°44′33.269″	93°53′18.953″	Sabine Pass
THROUGH	29°44′31.543″	93°53′11.427″	Sabine Pass
THROUGH	29°44′27.961″	93°53′02.088″	Sabine Pass
THROUGH	29°44′22.581″	93°52′40.547″	Sabine Pass
THROUGH	29°44′11.018″	93°52′03.826″	Sabine Pass
THROUGH	29°44′02.304″	93°51′54.092″	Sabine Pass
THROUGH	29°43′54.534″	93°51′48.229″	Sabine Pass
THROUGH	29°43′37.351″	93°51′40.409″	Sabine Pass

Negreet, La.-Tex., Edition of 1954 (photorevised 1969) and signed by Hatley N. Harrison, Jr. for Louisiana, on February 20, 1974 and by Herman H. Forbes, Jr. for Texas on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–5, using the federal line as shown along the Sabine River as the boundary.

Thence, on the United States Geological Survey Quadrangle Weirgate, Tex.-La., Edition of 1954 (photorevised 1969) and signed by Hatley N. Harrison, Jr. for Louisiana on March 29, 1974, and by Herman H. Forbes, Jr. for Texas on April 5, 1974, which is in evidence in this case as Texas Exhibit AAA–6, using the federal line as shown along the Sabine River as the boundary except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
31°11′12″	93°33′10″
31°04′16″	93°32′03″
31°03′14″	93°34′10″

Thence, on the United States Geological Survey Quadrangle Merryville, Tex.-La., Edition of 1959 signed by Hatley N. Harrison, Jr. for Louisiana on February 20, 1974, and by Herman H. Forbes, Jr. for Texas, on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–7, using the federal line as shown along the Sabine River as the boundary except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
30°50′39″	93°33′37″
30°45′13″	93°33′23″

Thence, on the United States Geological Survey Quadrangle Bon Weir, La.-Tex., Edition of 1959 signed by Hatley N. Harrison, Jr. for Louisiana on February 20, 1974, and by Herman H. Forbes, Jr. for Texas, on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–8, using the federal line as shown along the Sabine River as the boundary

Exhibit AAA–2, using the federal line as shown along the Sabine River as the boundary except for the alignments shown in red. These red alignments denote where the boundary follows old oxbows that formerly were the Sabine River and are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
31°54′36″	93°55′51″
31°53′45″	93°55′54″
31°53′34″	93°54′02″
31°50′20″	93°52′38″
31°49′22″	93°52′09″
31°47′27″	93°50′05″
31°47′04″	93°50′03″
31°46′16″	93°49′30″

Thence, on the United States Geological Survey Quadrangle Patroon, Tex.-La., Edition of 1956 (photorevised 1969) and signed by Hatley N. Harrison, Jr., for Louisiana on February 20, 1974, and by Herman H. Forbes, Jr. for Texas on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–3, using the federal line as shown along the Sabine River as the boundary except for the former alignments shown in red. These are located in the vicinity of:

LATITUDE NORTH	*LONGITUDE WEST*
31°42′06″	93°48′50″
31°41′12″	93°48′37″
31°36′52″	93°49′33″
31°31′44″	93°45′19″

Thence, on the United States Geological Survey Quadrangle Zwolle, Edition of 1957 (photorevised 1969) and signed by Hatley N. Harrison, Jr. for Louisiana on February 20, 1974, and by Herman H. Forbes, Jr. for Texas on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–4, using the federal line as shown along the Sabine River as the boundary except for the former alignment shown in red. It is located in the vicinity of Latitude 31°31′50″ North and Longitude 93°45′00″ West.

Thence, on the United States Geological Survey Quadrangle

	Latitude North	*Longitude West*	*Location*
THROUGH	29°43′32.033″	93°51′36.690″	Sabine Pass
THROUGH	29°43′18.168″	93°51′23.209″	Sabine Pass
THROUGH	29°43′07.481″	93°51′24.917″	Sabine Pass
THROUGH	29°42′55.535″	93°51′25.146″	Sabine Pass
THROUGH	29°42′52.506″	93°51′22.444″	Sabine Pass
THROUGH	29°42′37.071″	93°51′08.441″	Sabine Pass
THROUGH	29°42′25.333″	93°51′02.416″	Sabine Pass
THROUGH	29°42′17.991″	93°50′56.448″	Sabine Pass
THROUGH	29°42′11.305″	93°50′52.934″	Sabine Pass
THROUGH	29°41′37.311″	93°50′27.841″	Head of Jetties
THROUGH	29°41′15.323″	93°50′11.722″	Jetties
TO	29°38′37.329″	93°49′30.940″	End of Jetties

2. That the offshore lateral boundary between the States of Texas and Louisiana seaward from the point Latitude 29°38′37.329″ North, Longitude 93°49′30.940″ West (end of jetties) is a line running South-Southeasterly from said point on a constant bearing of South 13°44′45.8″ east true to the seaward limit of Louisiana's Submerged Lands Act grant. Texas' historic boundary then continues offshore on the same bearing to the point Latitude 29°32′06.784″ North, Longitude 93°47′41.699″ West. This offshore lateral boundary and the Texas historical boundary are shown upon Exhibit 14 which is in evidence in this case.

3. That the United States holds no title to or interest in any island in the west half of the Sabine River by virtue of that island's continuous existence since 1848, when the western half of that River was part of the territory of the United States, but not part of Texas. Louisiana does not hold title to or interest in any island in the west half of the Sabine River. The United States and Texas do not hold title to or interest in any island in the east half of the Sabine River.

4. That Exhibits 1–14, in evidence herein and above mentioned, be certified by the Special Master as delineating the boundary between the State of Texas and the State of Louisiana, from Latitude 32° North, as defined herein, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined herein, and that the State of Louisiana be directed to deposit

a copy of these maps, so certified by the Special Master, along with a certified copy of this decree, with the Register of the State Land Office for the State of Louisiana, and that the State of Texas be directed to deposit a set of these maps, so certified by the Special Master, along with a certified copy of this decree, with the Commissioner of the General Land Office of the State of Texas.

5. That the costs be taxed to the parties in accordance with their contribution to the fund established by the Special Master, and that no costs be taxed for the services of the Special Master.

6. That any unexpended funds contributed by the parties to the Special Master for necessary expenses be returned to the parties.

7. That upon such return of funds the Honorable Robert Van Pelt, the Special Master appointed in this cause, will have completed his duties, and is thereupon discharged.

True copy MICHAEL RODAK, JR.
Test:
Clerk of the Supreme Court of the United States

(Slip Opinion)

SUPREME COURT OF THE UNITED STATES

STATE OF TEXAS *v.* STATE OF LOUISIANA

ON BILL OF COMPLAINT

No. 26, Orig. Decided May 16, 1977

DECREE

For the purpose of giving effect to the opinion of this Court announced on June 14, 1976, 426 U. S. 465:

IT IS ORDERED, ADJUDGED AND DECREED AS FOLLOWS:

1. That the extension of the boundary southerly from the point where the line forming the boundary between Texas and Louisiana southerly from the Arkansas boundary, intersects the geographical middle of the Sabine River (Latitude 31°59′56.225″ North, Longitude 94°02′33.105″ West, said point being taken from the United States Geological Survey Quadrangle Center, Tex.-La. 1958 edition) to the mid-point between the gulfward extension of the Sabine Pass jetties Latitude 29°38′37.329″ North, Longitude 93°49′30.940″ West hereby is established.

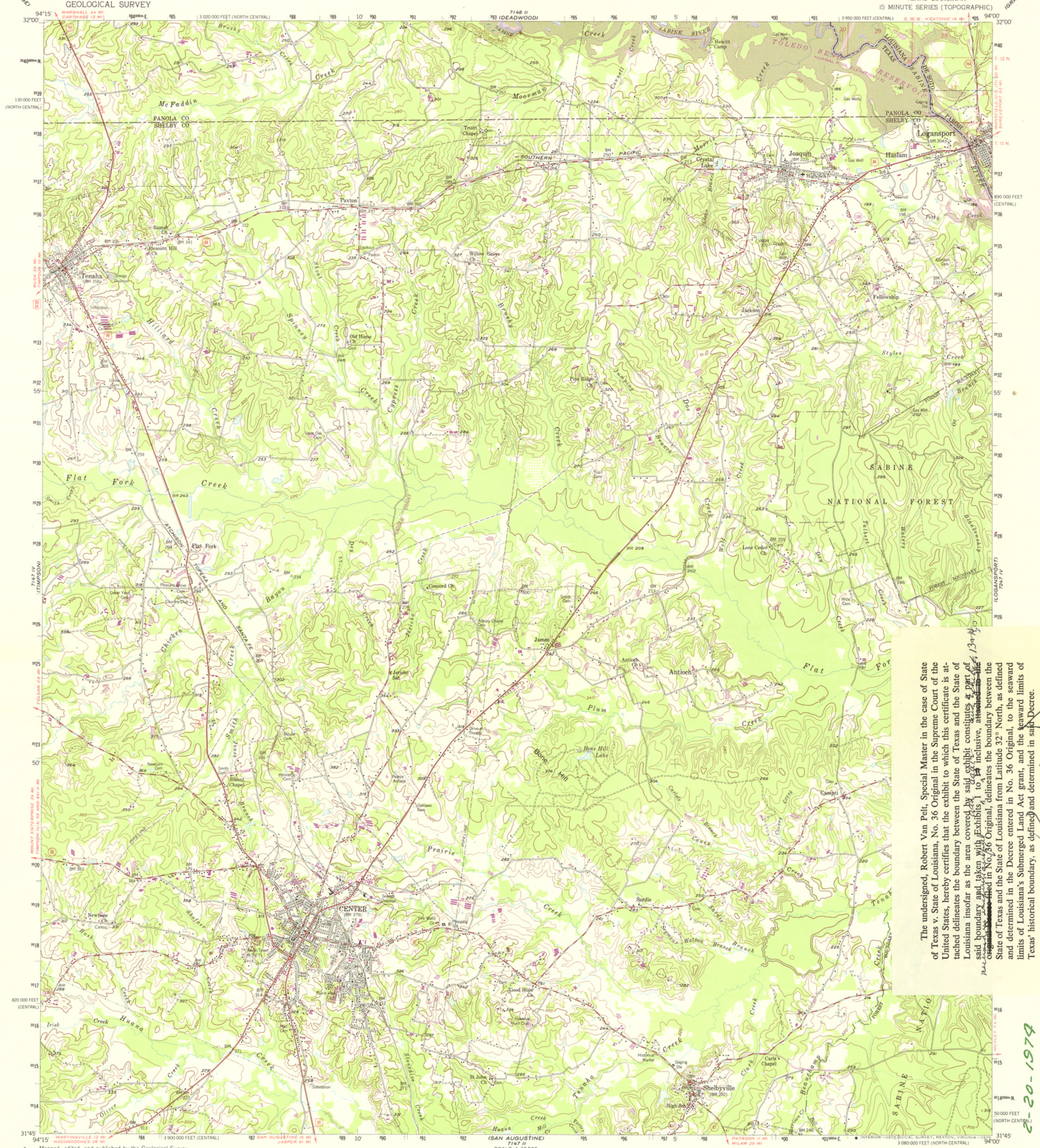
Said boundary commences at Latitude 31°59′56.225″ North and Longitude 94°02′33.105″ West, thence proceeding in a southerly direction along the Sabine River using the federal line as shown for the boundary on the United States Geological Survey Quadrangle Center, Tex.-La., 1958 Edition (photorevised 1969) and signed by Hatley N. Harrison, Jr., for Louisiana on February 20, 1974, and by H. H. Forbes, Jr., for Texas on February 20, 1974, which is in evidence in this case as Texas Exhibit AAA–1.

Thence, on the United States Geological Survey Quadrangle Logansport, La.-Tex. Edition of 1956 (photorevised 1969) and signed by Hatley N. Harrison, Jr., for Louisiana on February 20, 1974, and Herman H. Forbes, Jr. for Texas on February 20, 1974, which is in evidence in this case as Texas

Texas General Land Office
Keep with A-7-25

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CENTER QUADRANGLE
TEXAS-LOUISIANA
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 13 inclusive, attached to the ~~original Decree filed~~ in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

SPECIAL MASTER

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1956. Field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, central and north central zones
1000-metre Universal Transverse Mercator grid ticks, zone 15, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1969. Louisiana portion in cooperation with Louisiana Department of Public Works. This information not field checked

Woodland revised within Toledo Bend Reservoir

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
State Route

QUADRANGLE LOCATION

CENTER, TEX.-LA.
N3145-W9400/15
1958
PHOTOREVISED 1969
AMS 7147 I-SERIES V782

PLAINTIFF'S EXHIBIT
AAA-1

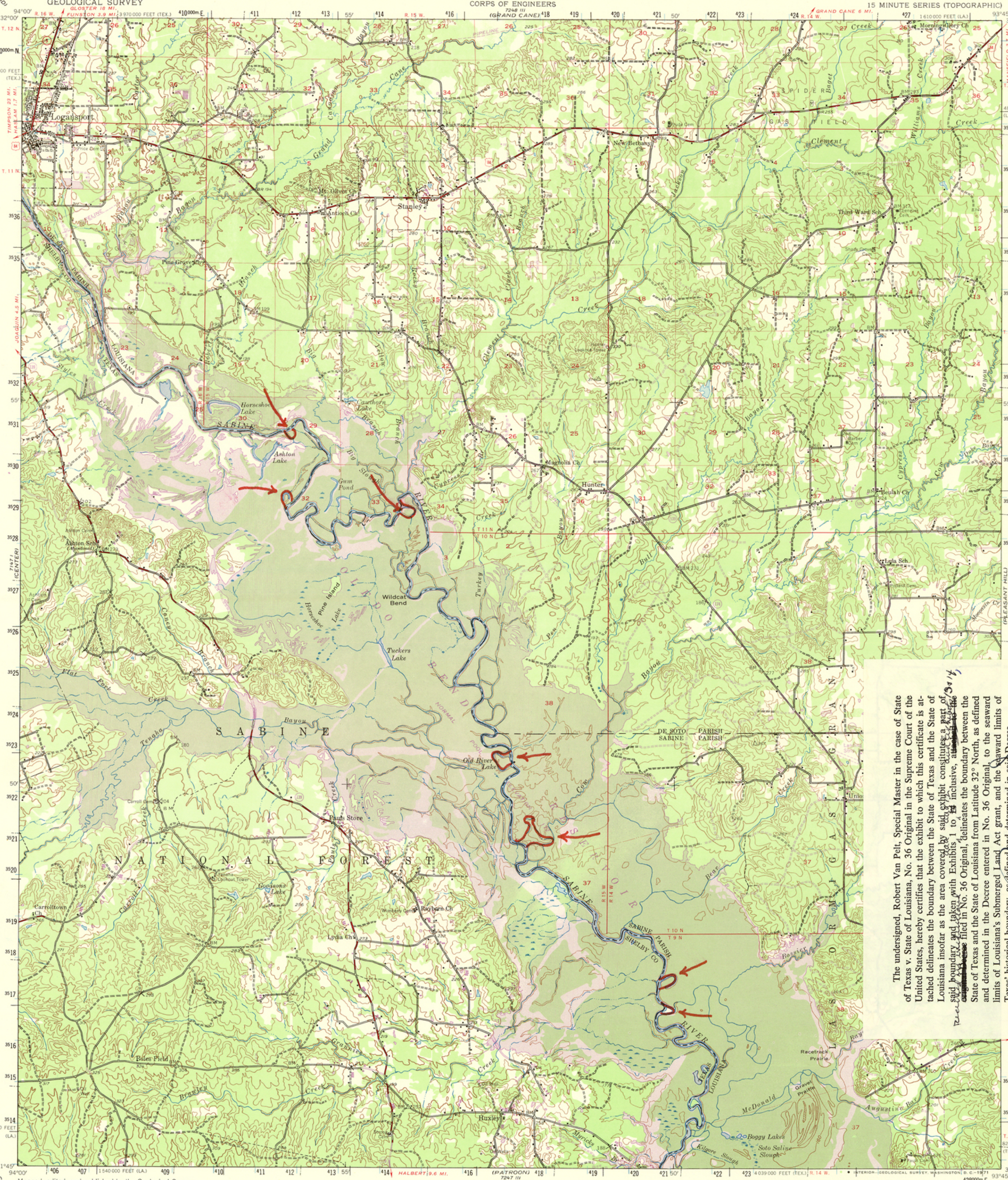
No Change in River Boundary
use Federal Line as Shown
For Louisiana 2-20-1974
Jeffrey N Harrison Jr

2-20-1979
For Texas H. H. Parker, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

LOGANSPORT QUADRANGLE
LOUISIANA—TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14 inclusive, attached to the ~~original Decree~~ Decree filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER

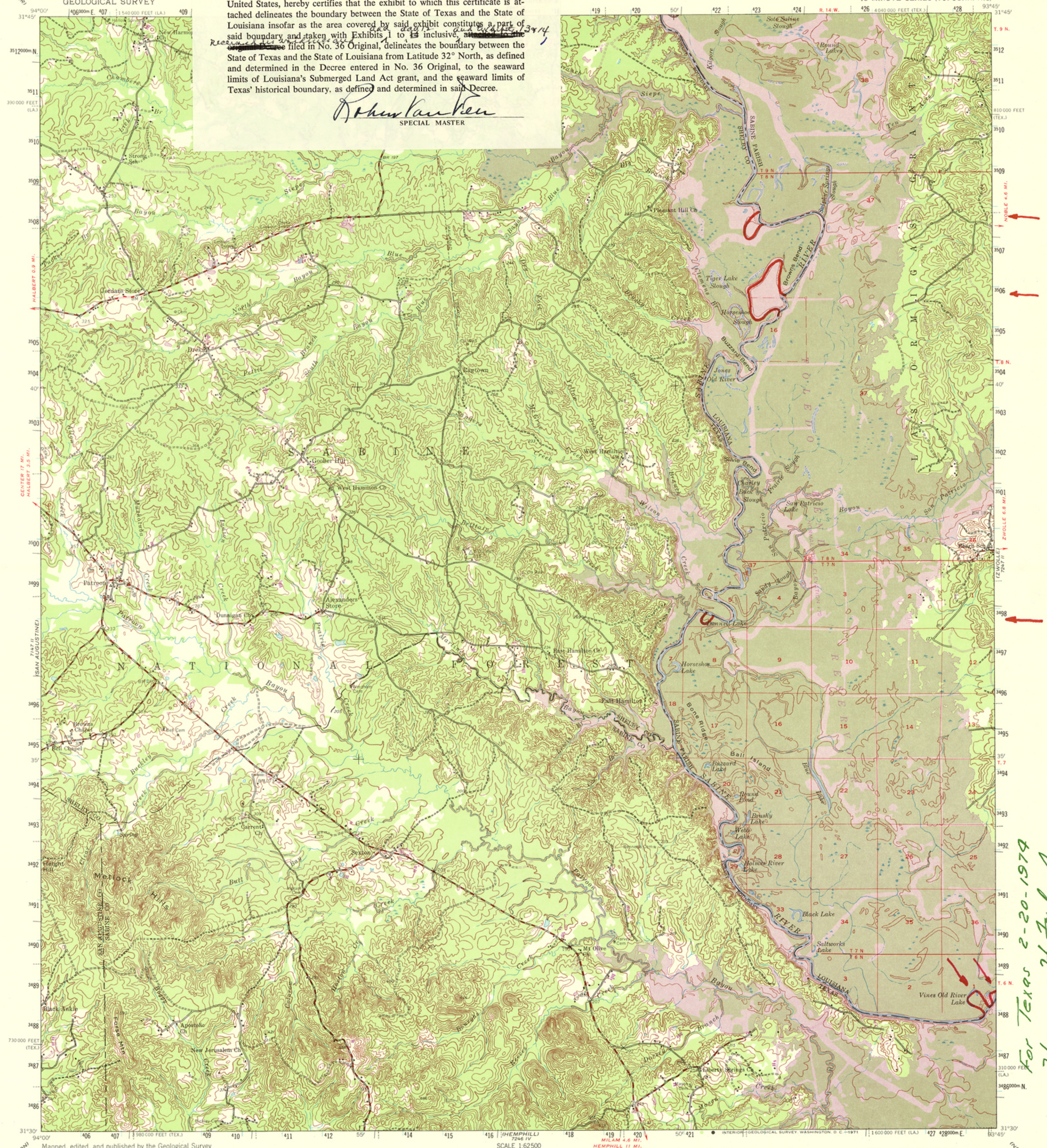
RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
FOR LOUISIANA
2-20-1974
Hartley W. Harrison, Jr.

2-20-1974
For Texas
Herman H. Taylor, Jr.

PLAINTIFF'S EXHIBIT
AAA-2

The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to ~~14~~ 4 inclusive, ~~attached to the original Decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER



PLAINTIFF'S EXHIBIT
AAA-3

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
2-20-1974 FOR LOUISIANA
Huntley N Harrison Jr

For Texas 2-20-1974
Herman H Forbes Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF LOUISIANA
DEPARTMENT OF PUBLIC WORKS
BATON ROUGE

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

ZWOLLE QUADRANGLE
LOUISIANA—TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)

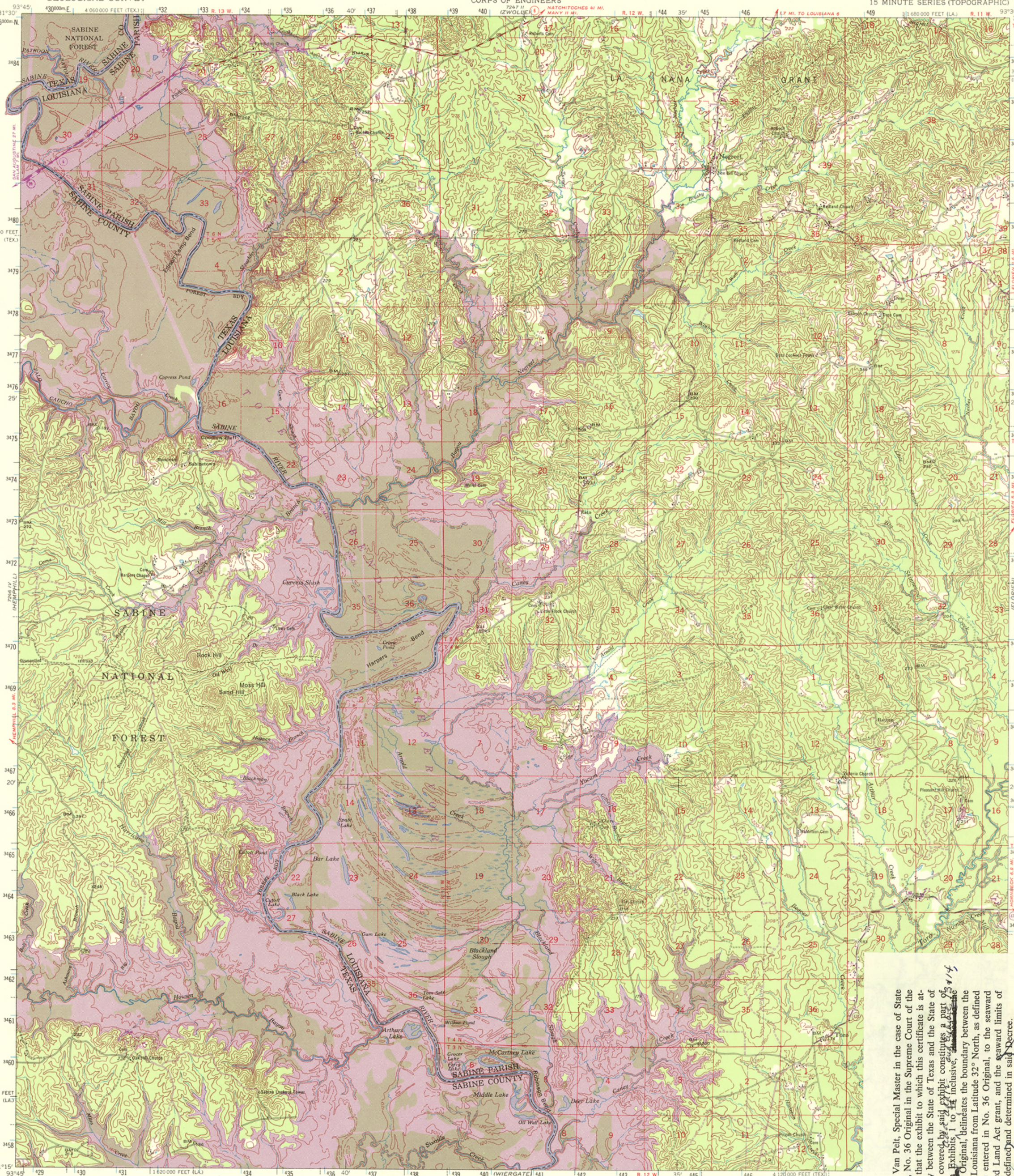
L A S O R M I G A S G R A N T
THE BIG WOODS
Noble
Zwolle
Belmont
Loring
Loring Lake
Garson Ch
Bayou Scie Ch
Mt Olive Ch
Almwell
Oak Hill Ch
Moss Ridge Ch
Shore Town Ch
L A N A N A G R A N T
TOLEDO BEND RESERVOIR
SABINE NATIONAL FOREST
SABINE RIVER
SABINE PARISH
SABINE CO
LOUISIANA
TEXAS
La Nana
Negreet
Edmondson
Prairie
Beaverdam Slough
Hurricane
Cholaw
Creek
Bayou
San Miguel
Scie
Brushy
Lewis
Thompson
Phillips Cr
San Jose Cr
Funks Bayou
Kansas City Southern
Southern
Spring
Oil Wells
Gaging Station
Cemetery
Sandy Cem
Shiloh Cem
Brown Cem
Clark Cem
Parrish Cemetery
Recknor Cem
Pines Ch
Pleasant Hill Ch
Sandy Cem
Sandy Creek Park
Bluff Lake Lookout Tower
Old St Joseph Dam
Spillway
Water
Tank
Tower
Ruins
Wells
Oil Wells
Oil Well
Gas Well
Water Well
Cemetery
Church
Schools
Dam
Levee
Lookout Tower
Gaging Station
Pumping Station
Ruins
Tank
Water Well
Oil Well
Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

NEGREET QUADRANGLE

LOUISIANA—TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USGS, USC&GS, USCE, and Louisiana Geodetic Survey

Compiled in 1956 from 1:25 000 scale maps of Negreet, Salter Creek, Negreet SW, and Toro 7.5 minute quadrangles
Topography by photogrammetric methods from aerial photographs taken 1953–54. Field checked 1954

Polyconic projection. 1927 North American datum
10,000-foot grids based on Louisiana coordinate system, north zone and Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1969. Louisiana portion in cooperation with Louisiana Department of Public Works. This information not field checked

Woodland revised within Toledo Bend Reservoir

For Texas 2-20-1974
Herman H Forbes Jr.

SCALE 1:62 500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 FEET
5 0 1 2 3 4 5 KILOMETERS

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
(GN 0°19' 6 MILS, MN 7°34' 124 MILS)

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PENGAD - Bayonne, N.J.
PLAINTIFF'S EXHIBIT
AAA 5

USE FEDERAL LINE AS SA
2-20-1974
For Louisiana
Jeffrey N Harris Jr.

QUADRANGLE LOCATION

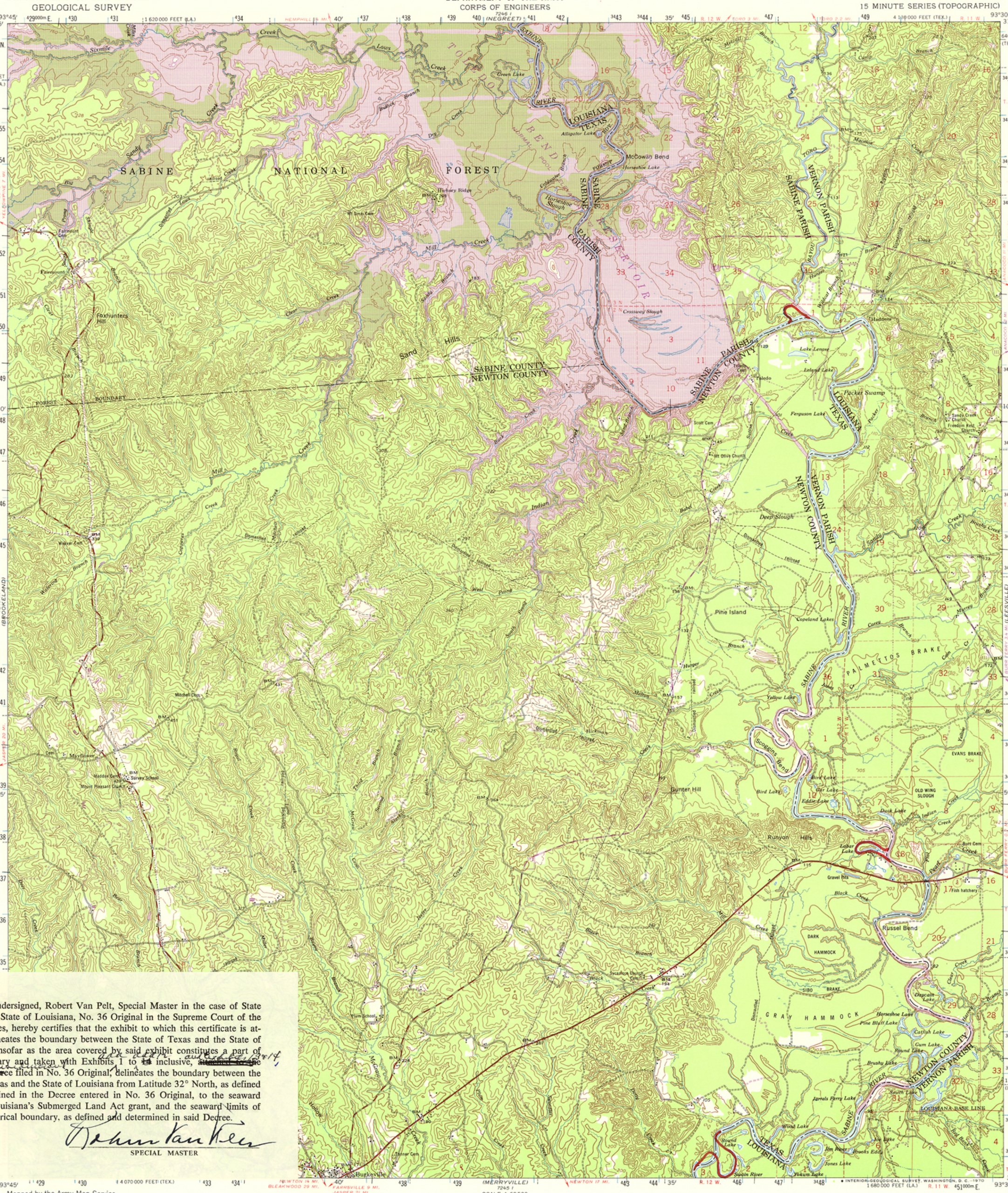
The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14 inclusive, ~~attached to the~~ ~~[illegible]~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

WIERGATE QUADRANGLE
TEXAS—LOUISIANA
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14 inclusive, ~~attached to the original decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

See letter dated 1/4/74

Robert Van Pelt
SPECIAL MASTER

Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USGS, USC&GS, USCE, and Louisiana Geodetic Survey

Compiled in 1956 from 1:25 000 scale maps of Haddens, Fairdale, Wiergate, and Wiergate SE 7.5 minute quadrangles
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grids based on Texas coordinate system, central zone and Louisiana coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1969. Louisiana portion in cooperation with Louisiana Department of Public Works. This information not field checked

Woodland revised within Toledo Bend Reservoir

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
State Route

This map is part of a series of 1:24 000 scale maps of Haddens, Fairdale, Wiergate, and Wiergate SE 7.5 minute quadrangles, surveyed 1954

WIERGATE, TEX.—LA.
N3100—W9330/15
1954
PHOTOREVISED 1969
AMS 7246 II—SERIES V782

• INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970

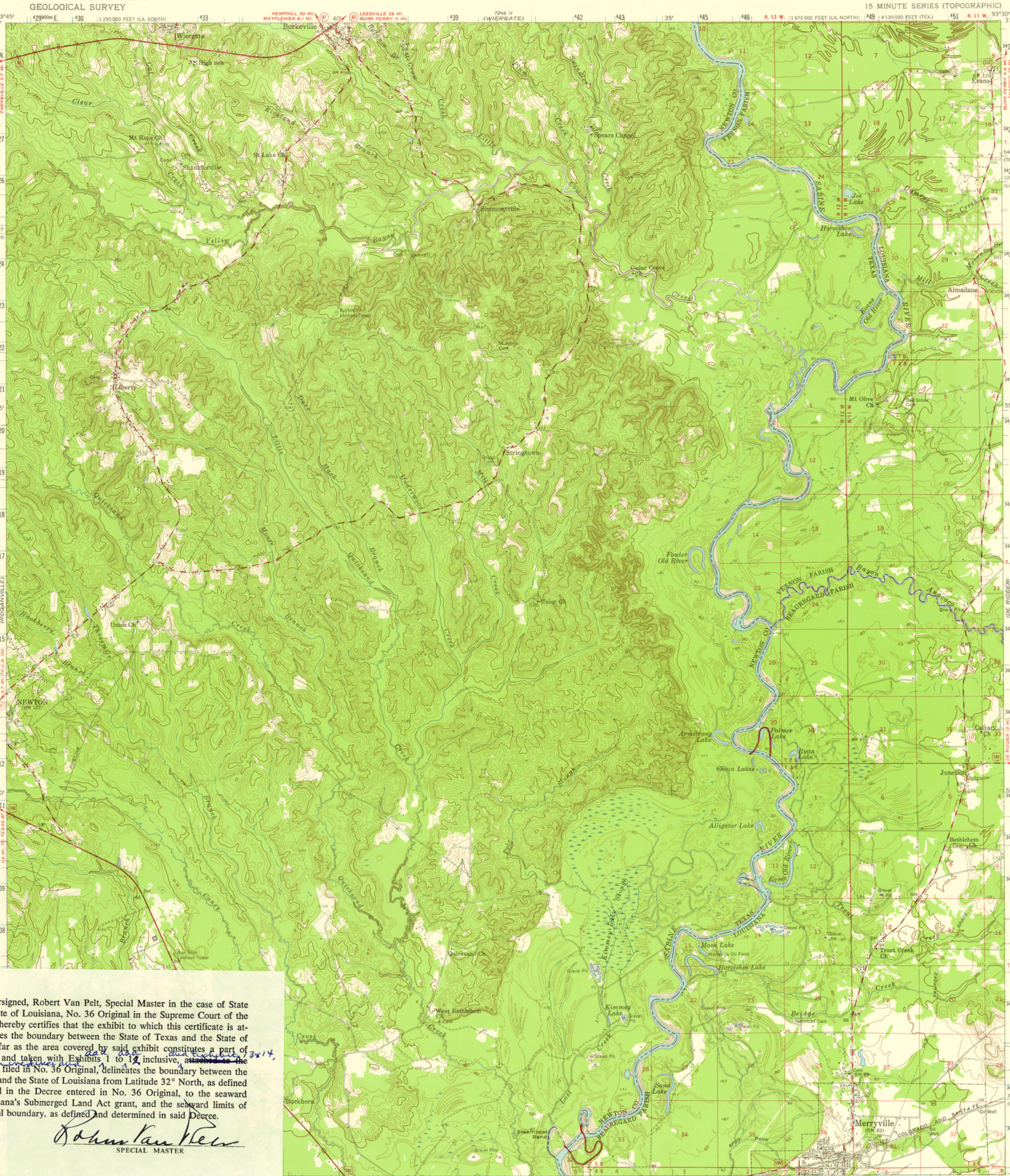
For Texas
5 April 1974
Herman H Forbes, Jr.

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
For Louisiana
5 March 1974
Harley D. Harrison, Jr.

PLAINTIFF'S EXHIBIT
AAA-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MERRYVILLE QUADRANGLE
TEXAS—LOUISIANA
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 12 inclusive, ~~attached to the original Decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

received in evidence and add 2a, 2b, and exhibit 13 & 14,

Robert Van Pelt
SPECIAL MASTER

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Louisiana Geodetic Survey

Topography from aerial photographs by photogrammetric methods and by planetable surveys 1959. Aerial photographs taken 1954

Polyconic projection. 1927 North American datum
10,000-foot grids based on Texas coordinate system, central zone, and Louisiana coordinate system, south and north zones
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

UTM GRID AND 1959 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62 500

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966

QUADRANGLE LOCATION

U. S. Route
State Route

MERRYVILLE, TEX.—LA.
N3045—W9330/15
1959
AMS 7245 I—SERIES V782

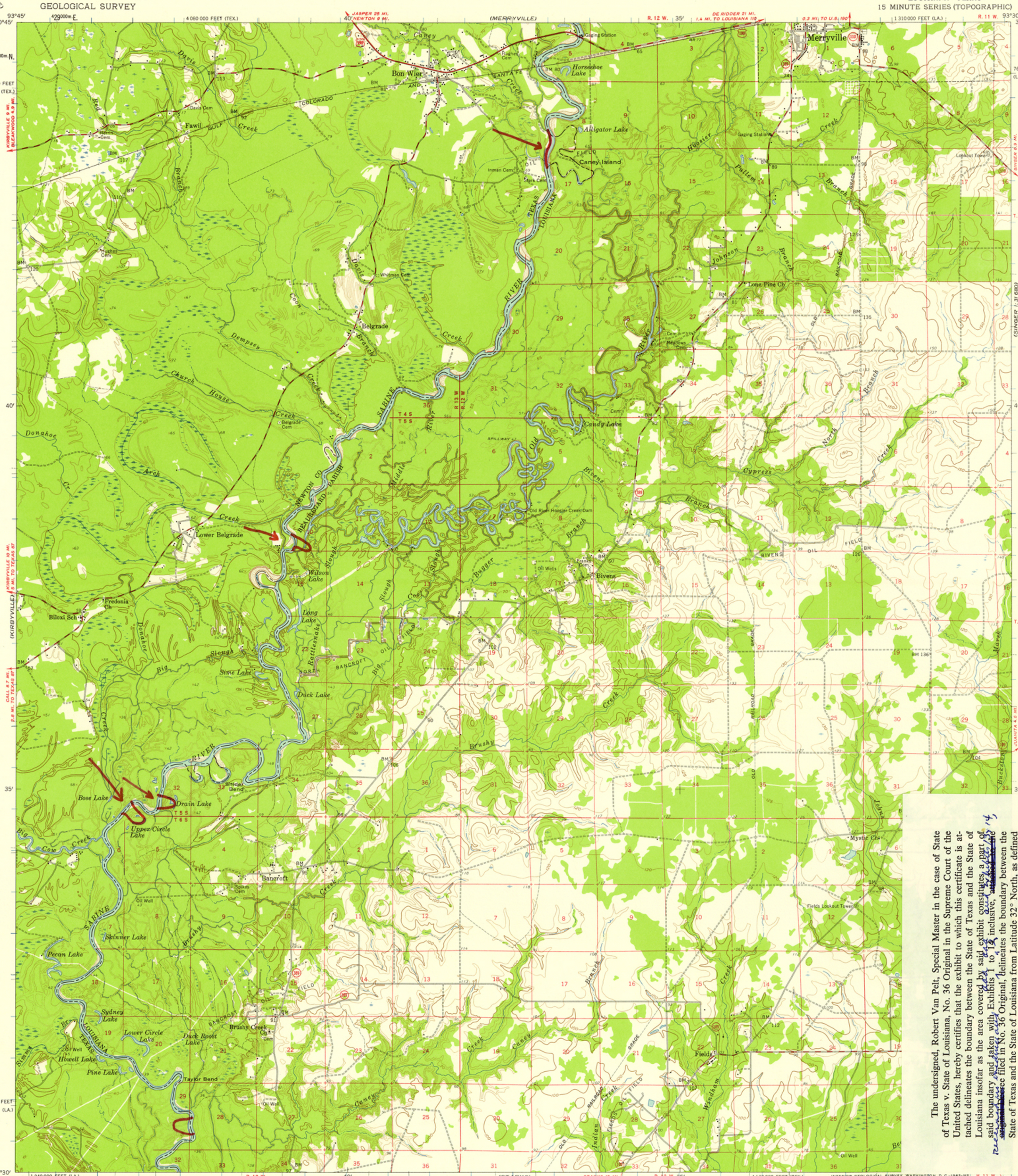
PLAINTIFF'S EXHIBIT
AAA-7

For Texas
2-20-1974
Herman H Forbes, Jr.

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
2-20-1974
FOR LOUISIANA
Shirley W Harrison, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BON WIER QUADRANGLE
LOUISIANA–TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Louisiana Geodetic Survey

Topography from aerial photographs by photogrammetric methods and by planetable surveys 1959. Aerial photographs taken 1954

Polyconic projection. 1927 North American datum
10,000-foot grids based on Louisiana coordinate system, south zone, and Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

2-20-1974
For Texas
Herman H Forbes, Jr.

PLAINTIFF'S EXHIBIT
PENGAD-Bayonne, N.J.
AAA 8

SCALE 1:62 500

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1959

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE 4, LOUISIANA
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Medium-duty — Unimproved dirt
U. S. Route — State Route

LOUISIANA
QUADRANGLE LOCATION

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
2-20-1974
For Louisiana
Shirley M Harrison Jr

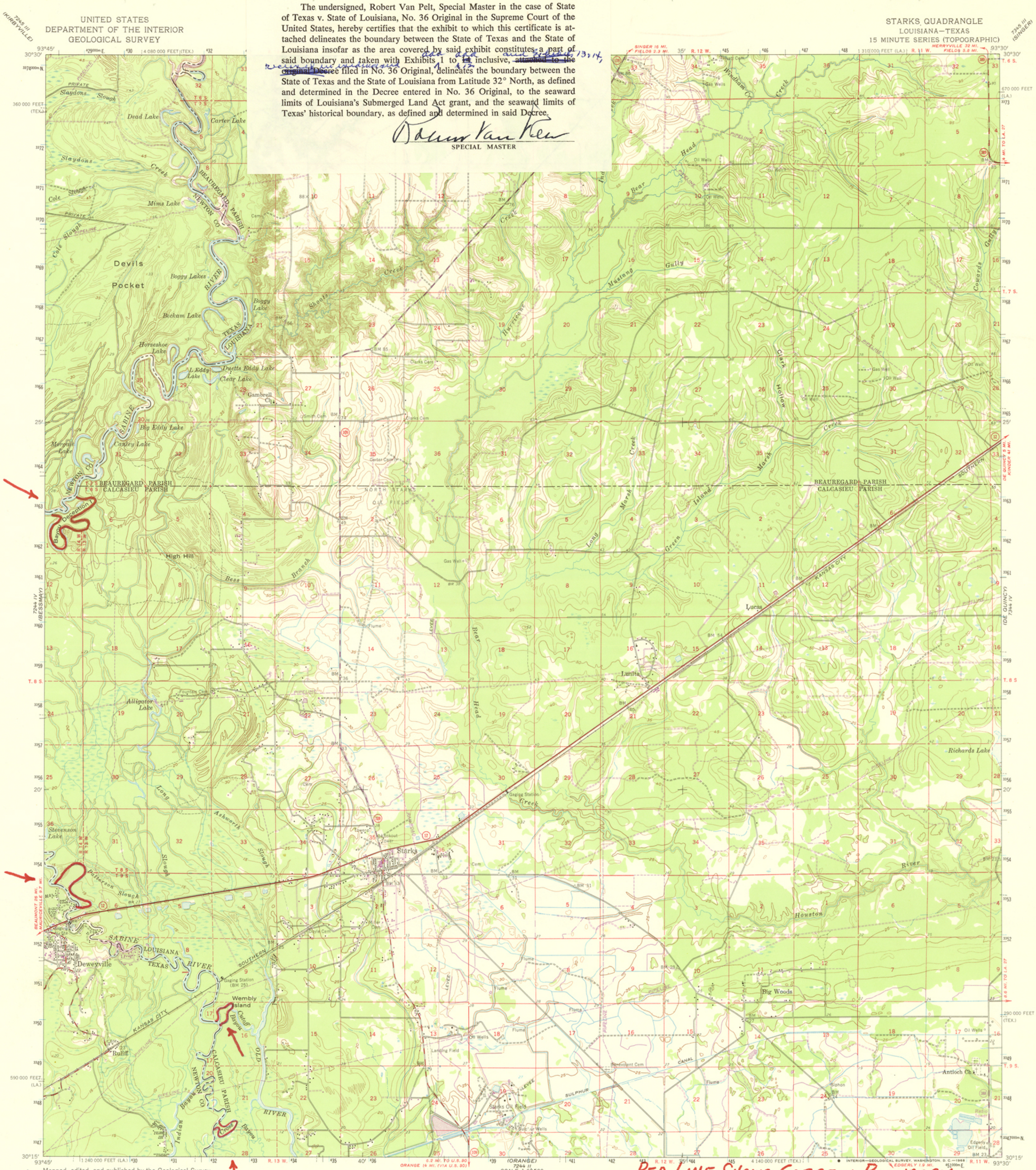
The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14, inclusive, ~~[illegible]~~ the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER

BON WIER, LA.–TEX.
N3030—W9330/15
1959

The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to ~~14~~ 13, 14, and data and exhibits inclusive, ~~attached to the original Decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER



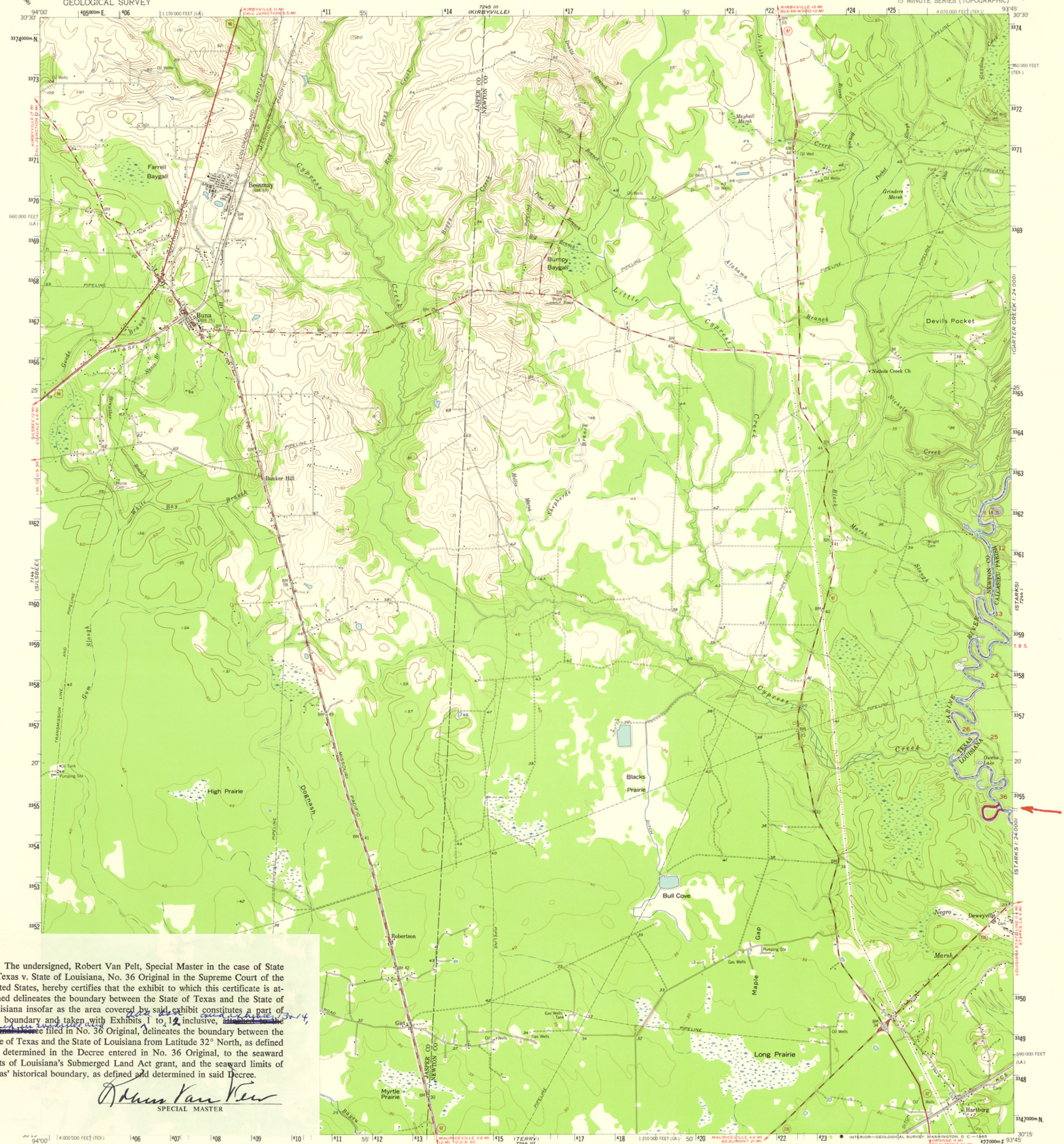
2-20-1974
For Texas
Herman H Forbes Jr.

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
2-20-1974
FOR LOUISIANA
Shirley W Morrison Jr

PLAINTIFF'S EXHIBIT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BESSMAY QUADRANGLE
TEXAS–LOUISIANA
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 12 inclusive, ~~attached to the original Decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

received in evidence and 1 [illegible] 3 & 4,

Robert Van Pelt
SPECIAL MASTER

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1952. Topography by planetable surveys 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, central zone and Louisiana coordinate system, south zone

Dashed land lines indicate approximate locations

1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

PLAINTIFF'S EXHIBIT
AAA-10

2-20-1974
For Texas
Herman H Forbes, Jr.

SCALE 1:62500

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1955 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

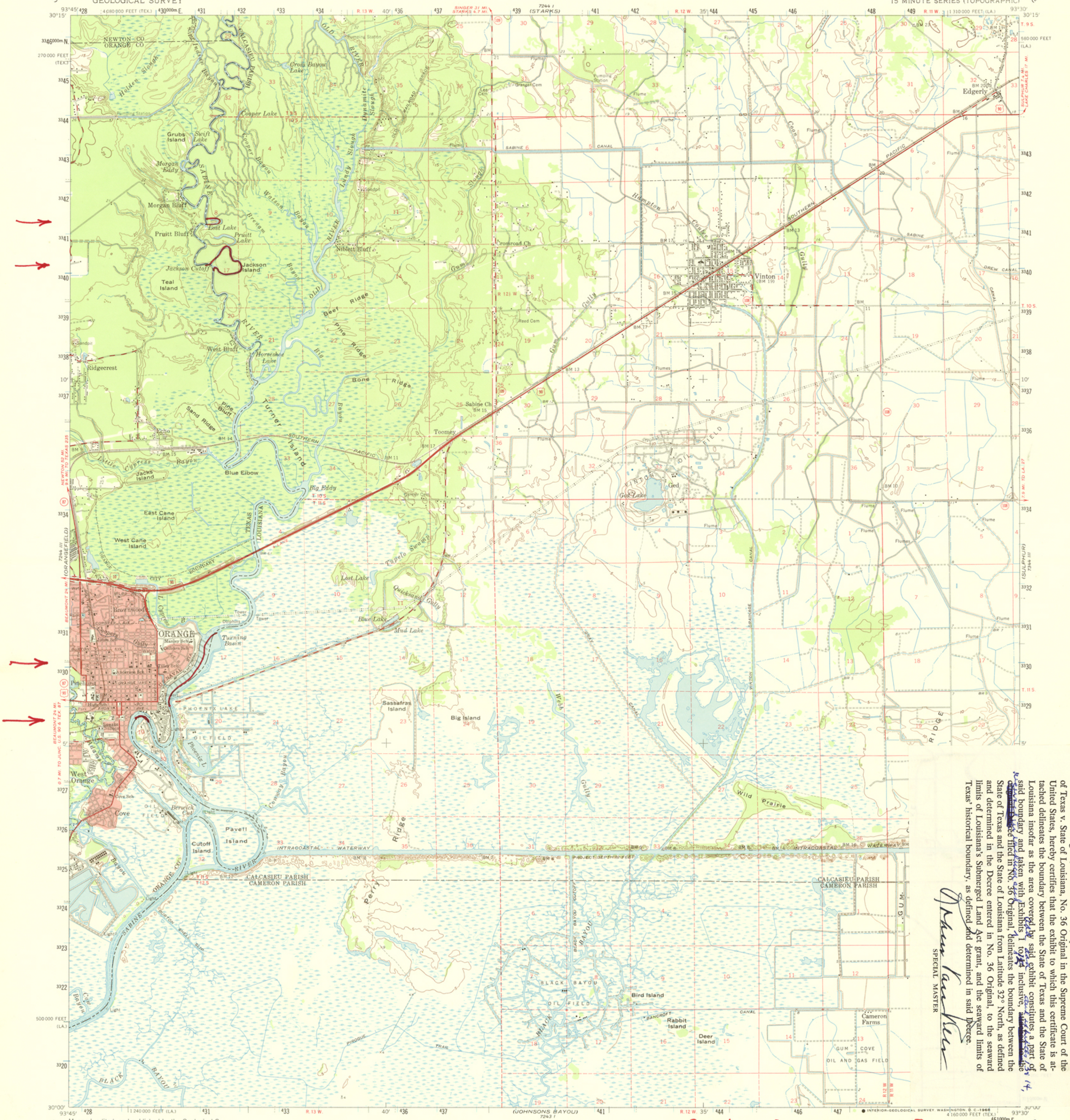
RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
2-20-1974
FOR LOUISIANA
Hartley W Harrison Jr

ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U. S. Route
State Route

BESSMAY, TEX.–LA.
N3015—W9345/15
1955
AMS 7244 IV—SERIES V782

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORANGE QUADRANGLE
LOUISIANA–TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)



The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14 inclusive, [illegible] filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Louisiana Geodetic Survey

Compiled in 1961 from 1:24 000-scale maps of Vinton, Echo, Orange, and Cameron Farms 7.5 minute quadrangles
Culture and drainage in part compiled from aerial photographs taken 1959. Topography by planetable surveys 1955. Revised 1960
Hydrography compiled from USC&GS chart 884 (1955)

Polyconic projection. 1927 North American datum
10,000-foot grids based on Louisiana coordinate system, south zone, and Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Red tint indicates areas in which only landmark buildings are shown
Dashed land lines indicate appoximate locations
Dotted land lines established by private survey for the State of Louisiana
Land lines unsurveyed in T. 12 S.–R. 13 W.

SCALE 1:62 500

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER

UTM GRID AND 1960 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Heavy-duty — Light-duty
Interstate Route — U. S. Route — State Route

QUADRANGLE LOCATION

ORANGE, LA.—TEX.
N3000—W9330/15
1960
AMS 7244 II—SERIES V785

For Texas
May 20, 1974
Herman H Forbes, Jr.

RED LINE SHOWS CORRECT BOUNDARY
USE FEDERAL LINE AS BOUNDARY ELSEWHERE
For Louisiana
29 March 1974
Harley O. Hansen Jr.

PLAINTIFF'S EXHIBIT
PENGAD-Bayonne, N.J.

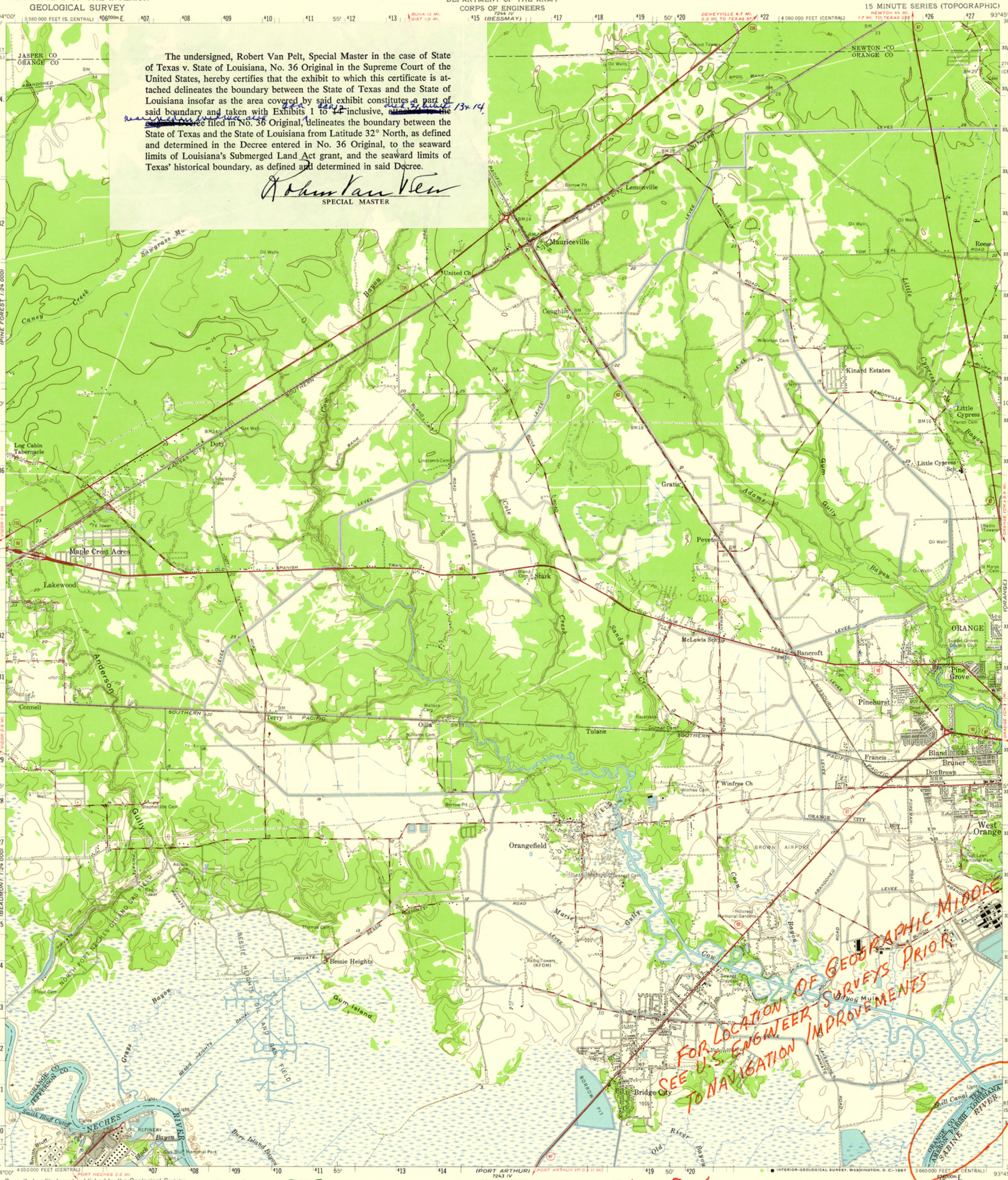
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

ORANGEFIELD QUADRANGLE
TEXAS—LOUISIANA
15 MINUTE SERIES (TOPOGRAPHIC)

The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to ~~14~~ 13 & 14 inclusive, ~~attached to the original Decree~~ filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER



Compiled, edited, and published by the Geological Survey

Control by USC&GS, USCE, and TVA

Compiled in 1957 from the Mauriceville, Texla, Terry, and Orangefield 7.5 minute, Army Map Service quadrangles.
Culture and drainage in part compiled from aerial photographs taken 1942
Topography by planetable surveys 1926. Contour revision 1943
Culture revised by the Geological Survey from aerial photographs taken 1956. Field check 1957

Hydrography compiled from USC&GS charts 533 (1955) and 884 (1955)

Polyconic projection. 1927 North American datum
10,000-foot grids based on Texas coordinate system, central and south central zones
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

2-20-1974
For Texas
Herman H Forbes, Jr.

2-20-1974
For Louisiana
Jeffrey N Harrison, Jr.

SCALE 1:62500

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS LESS THAN ½ FOOT

UTM GRID AND 1957 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

PLAINTIFF'S EXHIBIT
AAA-12

This area also covered by 1:24 000 scale maps of Mauriceville, Texla, Terry, and Orangefield 7.5 minute quadrangles, surveyed 1957

ORANGEFIELD, TEX.—LA.
N3000—W9345/15
1957

AMS 7244 III—SERIES V782

STATE OF LOUISIANA

DEPARTMENT OF PUBLIC WORKS

NOTE 1 – Base map compiled from U.S. Geological Survey Quadrangles scale 1/24,000 as follows: West of Greens Bayou, Tex.-La. 1957; Port Arthur North, Tex. 1957; Port Arthur South, Tex.-La. 1957; West of Johnsons Bayou, La.-Tex. 1957; Sabine Pass, Tex.-La. 1957; and Texas Point, La.-Tex. 1957 Photorevised 1970.

NOTE 2 – The mean high water line superimposed on the composite map and shown thus — — — was taken from U.S. Coast and Geodetic Survey Chart No. 517, Sabine Pass and Lake, 1st edition January 1901, and from Register No. 1646-a dated 1885 Hydrography of Sabine Pass and Lake, also by the U.S. Coast and Geodetic Survey.

NOTE 3 – The geographic middle of Sabine Lake and Pass is a median line based on the mean high water line constructed in accordance with the method described in Volume 1, Shore and Sea Boundaries by Aaron L. Shalowitz published by the U.S. Department of Commerce, Coast and Geodetic Survey.

NOTE 4 – Polyconic projection, 1927 North American Datum with Texas and Louisiana State Plane Coordinate Systems superimposed thereon.

NOTE 5 – Coordinates of centerline Sabine Pass Jetties, inner end from Map No. 41 of 41, Louisiana Coast prepared by the U.S. Coast and Geodetic Survey for the Bureau of Land Management and the State of Louisiana; outer and West Jetty based on same map and "Supplemental Decree U.S. Supreme Court 20 December 1971, United States of America vs. State of Louisiana, et al No.9 Original, outer end East Jetty from survey of 7 May 1974 by State of Louisiana, Department of Public Works.

NOTE 6 – All latitudes shown are Latitudes North and all longitudes are Longitudes West.

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET: DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

The undersigned, Robert Van Pelt, Special Master in the case of State of Texas v. State of Louisiana, No. 36 Original in the Supreme Court of the United States, hereby certifies that the exhibit to which this certificate is attached delineates the boundary between the State of Texas and the State of Louisiana insofar as the area covered by said exhibit constitutes a part of said boundary and taken with Exhibits 1 to 14 inclusive, [illegible] filed in No. 36 Original, delineates the boundary between the State of Texas and the State of Louisiana from Latitude 32° North, as defined and determined in the Decree entered in No. 36 Original, to the seaward limits of Louisiana's Submerged Land Act grant, and the seaward limits of Texas' historical boundary, as defined and determined in said Decree.

Robert Van Pelt
SPECIAL MASTER

COURTROOM EXHIBIT 13

EXHIBIT 13

(LA. EXHIBIT DDD REVISED)

STATE OF LOUISIANA
GEOGRAPHIC MIDDLE
SABINE LAKE & PASS
TEXAS AND LOUISIANA

PREPARED BY LOUISIANA DEPARTMENT OF PUBLIC WORKS
BATON ROUGE, LA.

SUBMITTED BY Bethley N. Harris Jr. CHIEF, LANDS & SURVEYS

APPROVED BY [illegible] DIRECTOR

DATED FEBRUARY, 1974

12-2-76	Revision to Middle Pass of river and center line of Sabine Lake and Pass. Shoreline and land data, based on map of same land data.	D.C.A.
5-14-74		L.J.D.

REVISIONS

FIELD BOOK Nº

DRAWN BY R.M.A.	TRACED R.M.A.	APPROVED H.N.H., Jr.
CHECKED L.J.D.	CHECKED	SHEET 1 OF 1 SHEETS

FILE Nº LS 27-2B-1

SOUNDINGS IN FEET

(CONTINUED ON CHART 11331) (formerly 885-SC)

NEW CHART NUMBERING SYSTEM

The National Ocean Survey, in cooperation with the Defense Mapping Agency Hydrographic Center, is in the process of adopting a new national chart numbering system. See Notice to Mariners No. 19, May 11, 1974, or Nautical Chart Catalog for cross references of old and new chart numbers.

Chart Number New System	Old System
11342	517
11343	533
11344	1278
11347	651-SC

NOTE A

Navigation regulations are published in Chapter 2, U. S. Coast Pilot 5, er weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in New Orleans, La.

Anchorage regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La.

Refer to section numbers shown with area designation.

LORAN-A

GENERAL EXPLANATION

FREQUENCY CHANNELS (preceding H)
3 ..... 1900 kHz

BASIC PULSE RECURRENCE RATES
H (high) ..... 33 ½ pulses per second

SPECIFIC RECURRENCE RATES assigned for station identification (following H)
0, 2, 3.

EXAMPLE: 3H0

RATES ON THIS CHART
3H0 3H2 3H3

Skywave corrections for all H (high) recurrence rates are indicated by *ITALIC* numerals.

The numerical exponent with the skywave correction indicates the recurrence rate to which it applies.

EXAMPLE: *+17⁰*

LORAN LINEAR INTERPOLATOR

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Hydrographic Center Publication 117 (A&B).

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

⊙ (Accurate location)
o (Approximate location)

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOAA

NATIONAL OCEAN SURVEY

UNITED STATES - GULF COAST

LOUISIANA - TEXAS

CALCASIEU PASS TO SABINE PASS

Mercator Projection
Scale 1:80,000 at Lat. 29°37'

SOUNDINGS IN FEET
AT MEAN LOW WATER

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

Nautical Miles

Yards

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
	Mean High Water	Mean Tide Level	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Calcasieu Pass	2.0	1.0	0.0	−2.5
Sabine Pass	1.9	1.0	0.0	−2.5

(176)

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

VHF WEATHER BROADCASTS FOR MARINERS

FM Station with frequency of 162.55 megahertz and range approximately 40 miles, is in continuous operation 24 hours da'y broadcasting weather warnings, forecasts and reports from the NATIONAL WEATHER SERVICE Office as follows:
KHB-42 Lake Charles, La.

CAUTION

SUBMERGED PIPELINES AND CABLES

A selection of the large-submerged pipelines are shown thus: ——— ——— ———

Uncharted submerged pipelines and cables may exist in the vicinity of oil well structures, and between such structures and the shoreline. Mariners should use caution when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Lights (Lights are white unless otherwise indicated.)

F. fixed	Mo. (A) morse code	OBSC. obscured	Rot. rotating	
Fl. flashing	Occ. occulting	WHIS. whistle	SEC. sector	
Qk. quick	Alt. alternating	DIA. diaphone	m. minutes	
Gp. group	I. Qk. interrupted quick	M. nautical miles	sec. seconds	
E. Int. equal interval				

Buoys: T.B. temporary buoy; N. nun; B. black; Or. orange; W. white; C. can; S. spar; R. red; G. green; Y. yellow

Bottom characteristics:

Cl. clay	M. mud	hrd. hard	bk. black	gy. gray
Co. coral	Rk. rock	rky. rocky	br. brown	rd. red
G. gravel	S. sand	sft. soft	bu. blue	wh. white
Grs. grass	Sh. shells	stk. sticky	gn. green	yl. yellow

31 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

AERO. aeronautical; R Bn. radiobeacon; C. G. Coast Guard station
Bn. daybeacon; R. TR. radio tower; D.F.S. distance finding station

AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful.

HEIGHTS

Heights in feet above Mean High Water

AUTHORITIES

Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers, Geological Survey and U.S. Coast Guard.

STORM WARNINGS

The National Weather Service displays storm warnings at the following approximate location:
Cameron La. (29°46.7'-93°20.5')

CALCASIEU PASS AND RIVER

The project depth is 42-40 feet to Lake Charles. For controlling depths use charts 11344, and 11347.

SABINE PASS CHANNEL DEPTHS

FROM A REPORT BY THE CORPS OF ENGINEERS OF OCT., 1, 1975

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW WATER (MLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT QUARTER OUTSIDE	LEFT QUARTER INSIDE	RIGHT QUARTER INSIDE	RIGHT QUARTER OUTSIDE	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH (FEET)
SABINE BANK CHANNEL	43	43	42	43	9-75	800	12.8	42
SEA RIM CHANNEL	40	41	41	40	9-75	800	3.0	42
JETTY CHANNEL	41	42	42	41	12-74	900-500	3.5	40

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

PRODUCED BY COMPUTER ASSISTED METHODS

SABINE LAKE
PORT ARTHUR
SABINE PASS
SABINE
LOUISIANA PT.
TEXAS PT.
Blue Buck Pt.
Buck Ridge
Hackberry Ridge
Johnsons Bayou
Peveto Beach
Holly Beach
Cameron
CALCASIEU PASS
CALCASIEU LAKE
WEST COVE
Rabbit I.
St. Johns I.
Hackberry
Shell I.
Sabine I.
Pleasure Island
Keith Lake
Knight Lake
Mud Lake
Long Pt.
Long Pt. Bayou
Long Pt. Lake
Sabine Bank Channel
Calcasieu Pass
Sabine Pass
Sabine Bank Chan.
Sabine Pass Channel
Jetty Channel
Sabine Bank Light
Pilot Sta.
Spoil Area
Platforms (lighted) HORNS
Platform (lighted) HORN
Platform (lighted) HORNS
Platforms (lighted) HORNS
Platform (lighted) HORN
Platform (lighted) HORN
Platforms (lighted) HORNS
Platforms (lighted) HORNS
Platforms (lighted) HORNS

UNITED STATES - GULF COAST
LOUISIANA - TEXAS
CALCASIEU PASS TO SABINE PASS
Mercator Projection
Scale 1:80,000 at Lat. 29°37'
SOUNDINGS IN FEET
AT MEAN LOW WATER
NEW CHART NUMBERING SYSTEM
LORAN-C
GENERAL EXPLANATION
RATES ON THIS CHART
LORAN LINEAR INTERPOLATOR
SABINE LAKE
CALCASIEU LAKE
PORT ARTHUR
SABINE PASS
CALCASIEU PASS
TEXAS PT.
LOUISIANA PT.
Blue Buck Pt.
Hackberry Ridge
Johnsons Bayou
Peveto Beach
Holly Beach
Cameron
WEST COVE
Rabbit I.
St. Johns I.
Shell I.
Sabine Bank Channel
Sabine Bank Lighted Buoy
Prohibited Dumping Ground
205.80 (see note A)
Fairway Anchorage
Safety Fairway
Use Inland Rules of the Road
Limit of Prohibited Dumping Ground
Spoil Area
GULF OF MEXICO
SABINE BANK
Nautical Miles
Yards
TIDAL INFORMATION
SUPPLEMENTAL INFORMATION
CAUTION
VHF WEATHER BROADCASTS FOR MARINERS
CAUTION
SUBMERGED PIPELINES AND CABLES
ABBREVIATIONS
HEIGHTS
AUTHORITIES
STORM WARNINGS
AIDS TO NAVIGATION
WARNING
CALCASIEU PASS AND RIVER
NOAA