**U. S. COAST AND GEODETIC SURVEY**
**DEPARTMENT OF COMMERCE**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric</th>
</tr>
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<tbody>
<tr>
<td>Field No.</td>
<td>Ph-90</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-9037</td>
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**LOCALITY**

<table>
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<td>General locality</td>
<td>Louisiana Coast</td>
</tr>
<tr>
<td>Locality</td>
<td>Lake De Cade to Carrion Crow Bayou</td>
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| Date          | July 31, 1959 |

**CHIEF OF PARTY**

E.H.Kirsch, Chief of Field Party
I.R.Rubottom, Tampa Photo Office

**LIBRARY & ARCHIVES**

|   |   |

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DATA RECORD

T - 9037

Project No. (II): 6090 (Ph-90)  Quadrangle Name (IV):

Field Office (II): Houma, Louisiana  Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa, Florida  Officer-in-Charge: Ira R. Rubottom

Instructions dated (II) (III): 5 September 1952
25 September 1952 (Supplement 1)
30 September 1952 (Supplement 2)

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000  Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): MAR 19 1956

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.  Date:  Date registered (IV): 12/6/56

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927  Vertical Datum (III): MHW

Elevations shown as (s) refer to mean high water i.e., mean low water or mean lower low water
Elevations shown (g) refer to sounding datum

Reference Station (III): COPASAW, 1934

Lat.: 29°29'25.453 (783.7 m.)  Long.: 90°57'17.860 (1811.1 m.)  Adjusted

Plane Coordinates (IV):  State: Zone:

Y=  X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
Areas contoured by various personnel
(Show name within area)
(ii) (iii)
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): B. F. Lampton, Jr.
C. H. Baldwin
Date: Oct. 1952
Date: Apr. 1953

Planetable contouring by (II): Inapplicable

Completion Surveys by (II):

Mean High Water Location (III) (State date and method of location): April 1953
Air Photo Compilation

Projection and Grids ruled by (IV): Joan Thuma (W.O.)
Date: 24 Aug. 1953

Projection and Grids checked by (IV):

Control plotted by (III): R. J. Pate

Control checked by (III): M. M. Slavney
Date: 14 Sept. 1954

Radial Plot or Stereoscopic Control Extension by (III): M. M. Slavney

Stereoscopic Instrument compilation (III): Inapplicable
Contours

Manuscript delineated by (III): R. A. Reece
Date: 16 Sept. 1955

Photogrammetric Office Review by (III): J. A. Giles
Date: 3 Oct. 1955

Elevations on Manuscript checked by (II) (III):
Inapplicable

Date:

3
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<td>10:56</td>
<td>1:20,000</td>
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<td>39576</td>
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Single-lens
MDA-23-012 to MDA-23-016 incl. 8 Mar. 1952 18:40

Reference Station: Inapplicable
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): J. J. Streitler
Final Drafting by (IV): Date: Sept. 58
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 60
Shoreline (More than 200 meters to opposite shore) (III): 36
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 5 Recovered: 5 Identified: 4
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
SUMMARY
TO ACCOMPANY PLANIOMETRIC MAP T-9037

This planimetric map is one of project PH-90 (6090). It covers Lake Fanchant and vicinity Southwest of Houma in the State of Louisiana near the Gulf of Mexico.

The land area is practically all marsh with some limited swamp and a few narrow strips of woodland along drainage beds. There are some oil wells and associated structures in the southeastern portion of subject area, however, less prominent than in other parts of this project. No roads are found within the limits of this quadrangle and the only means of access is by boat.

T-9037 was compiled graphically at the Tampa District Office in 1955 from 1952 photography and 1953 field inspection. 1956 single-lens photography was made available in 1957 and clearly defined deviations were applied to the original compilation by office interpretation only. The final reproduction medium to obtain good registration copy is the result of an adequately scribed sheet accomplished at the Tampa District Office. Only minor corrections and improvements were required during Washington Office Review.

A Cronar film positive at compilation manuscript scale of 1:20,000 and the Descriptive Report will be registered and filed in the Bureau Archives.

September 1958
2. AREAL FIELD INSPECTION

The area is all marsh and swamp land except for a narrow strip of heavy wooded, high ground along both sides of Bayou Mauvais Bois and scattered ridges of high ground.

Bayou Penchant, the largest bayou in this quadrangle, is a sluggish stream entering the area from the northwest. The southern portion of this bayou was filled with hyacinths at the time of photography but is periodically cleared to give access to Lake Penchant for sport fishermen.

An unusual feature of the area is several bayous which have filled with soft marsh until they are no longer streams. There is no mapping symbol provided for such "marsh within marsh"; however, the bayous are landmark features in an area of little detail and it may be desirable to show them in some manner. They have been shown previously on planimetric map T-5288 by an intermittent stream symbol.

The Lake Decade Field of the Superior Oil Company is located in the quadrangle. A sheet showing location data of the wells in the field was furnished the field party by the Superior Oil Company and is being submitted. Because of the type of information given on the sheet it is believed that the wells can be more accurately located by photogrammetric methods. All producing wells in the field have been identified on the photographs.

Field inspection was performed on Navy single-lens ratio prints MDA-23-013 and MDA-23-015, and nine-lens field photographs 39564 and 39566.

As photography was of a fairly recent date, little difficulty was encountered in interpretation. Field inspection is believed to be complete as of 14 April 1953 with no field work being deliberately left for completion surveys. However, the field editor should check closely the oil field mentioned above for any new wells or canals.

3. HORIZONTAL CONTROL

All existing horizontal control was searched for and recovered. All stations were identified except for TT 62F (USGS) as it was only 153.6 feet from station PIQUAMT 1934 which was identified.

4. VERTICAL CONTROL

There are no bench marks in this area and none were established.
5. **CONTOURS AND DRAINAGE**

Contouring was limited to revision of original Geological Survey contours as shown on the published Bayou du Large Quadrangle of standard fifteen-minute series. These contours were transferred to Navy single lens photographs by the Washington Office to facilitate field work. The entire area was closely checked for contour revisions at time of interior field and shoreline inspection. There were no original contours in the area covered by this report, but one small five foot contour was found around spoil which was pumped into the marsh as a base for an oil tank battery. This contour is shown on photograph 39565.

Drainage of this area is by bayous and canals and is adequately covered by photographs and field inspection notes, where necessary.

6. **WOODLAND COVER**

Adequately covered by photographs.

7. **SHORELINE AND ALONGSHORE FEATURES**

The mean high water line along the bayous and lakes is easily interpreted but has been indicated by symbol at intervals to aid the compiler.

The mean low water line is synonymous with the mean high water line.

All alongshore features are adequately covered by the photographs and shoreline inspection notes.

8. **OFFSHORE FEATURES**

There are none.

9. **LANDMARKS AND AIDS**

There are no landmarks or aids of any type within the area.

10. **BOUNDARIES, MONUMENTS AND LINES**

There are no political boundaries in the quadrangle.

See "Special Report, Public Land Lines, Project Ph-90."

11. **OTHER CONTROL**

None.
12. OTHER INTERIOR FEATURES

There are no roads or bridges within this area. The only buildings are a few trappers' cabins, one oil company house, and three buildings of a private fishing camp. The trappers' cabins are not of substantial construction but due to the lack of other cultural features it is recommended that they be mapped as Class 1 buildings.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-90."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA


Letter of Transmittal No. 90-8, "Special Report, Geographic Names, Project Ph-90", to be forwarded to Washington Office at a later date.

Letter of Transmittal (No number), Public Land Lines data, forwarded to Washington Office 28 January 1953.

1 sheet, Location of Wells, Lake Decade Field, Superior Oil Company.

Letter of Transmittal No. 90-18, Data, Quadrangle T-9037( ), forwarded to Washington Office

MAY 5 1953

Submitted
4 May 1953

Charles H. Baldwin
Cartographic Survey Aid

Approved & Forwarded
MAY 5 1953

E. H. Kirsch
Chief of Party
COMPILATION REPORT T-9037

PHOTOGRAMMETRIC PLOT REPORT

This report was submitted with T-9672.

31. Delineation

The graphic method of compilation was used.
The photographs were clear but only fair in scale.

32. Control

Reference Photogrammetric Plot Report.

33. Supplemental Data

None

34. Contours and Drainage

Reference Item 5.

No difficulty was encountered in the delineation of drainage.
Old bayou beds still visible on photographs have been shown with the intermittent stream symbol.

35. Shoreline and Alongshore Details

Shoreline inspection was adequate. There are no low-water or shoal lines. Alongshore details were delineated without difficulty.

36. Offshore Details

None.

37. Landmarks and Aids

None.
38. **CONTROL FOR FUTURE SURVEYS**

None established.

39. **JUNCTIONS**

A satisfactory junction has been made with T-9028 on the north; T-9033 on the west; T-9672 on the east; and T-9860 on the south.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

41. **PUBLIC LAND LINES**

Drawings belonging to the Louisiana Land and Exploration Company and the United Gas Line Company were used to plot all section lines on the manuscript. Plane coordinate positions of section corners had been computed and lettered on the drawings. These newly established section lines are well placed and can probably be considered as fixed.

G. L. O. plats available in this office cover T-18-S; R-15-E and part of T-19-S; R-19 and 15-E. Except for sections 23, 24, 25 and 26 in T-19S R-15-E, the G. L. O. plats and the aforementioned drawings are in good agreement. Discrepancies have been noted on an osaid print of the manuscript.

42. **OIL WELLS**

Oil wells in the LAKE DECADE FIELD could not be located with a sufficient degree of accuracy since they were referenced to public land line corners. Reference Item 41. The field editor is requested to investigate and establish the true positions of the following:

<table>
<thead>
<tr>
<th>LEASE</th>
<th>WELL NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Decade - State &quot;A&quot;</td>
<td>1</td>
<td>1967 feet south and 1946 feet east of northwest corner of Section 27, T19S-R15E Terrebonne Parish</td>
</tr>
<tr>
<td>LaTerre Company #1</td>
<td>1</td>
<td>7260 feet north 0°47'27&quot; west and 5946.3 feet north 89°12' 33&quot; east from southeast corner of Section 32. Location being in Section 27, T19S-R15E Terrebonne Parish.</td>
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</tbody>
</table>
11. REMARKS

Slight discrepancies in the junction with T-9033(Pn-21) to the west were resolved by making minor adjustments in the detail.

All features altered were of minor importance.

<table>
<thead>
<tr>
<th>LEASE</th>
<th>WELL NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>LaTerre Company #2</td>
<td>2</td>
<td>7260 feet north 0°04'7&quot;27&quot; west and 4625.8 feet north 89°12'33&quot; east from southeast corner of Section 32. Location being in Section 28, T19S-R15E Terrebonne Parish.</td>
</tr>
<tr>
<td>LaTerre Company #2</td>
<td>3</td>
<td>7260 feet north 0°04'7&quot;27&quot; west and 8586.3 feet north 89°12'33&quot; east from southeast corner of Section 32. Location being in Section 27, T19S-R15E Terrebonne Parish.</td>
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<tr>
<td>LaTerre Company #4</td>
<td>4</td>
<td>9900 feet north 0°04'7&quot;27&quot; west and 9907.8 feet north 89°12'33&quot; east from southeast corner of Section 32. Location being in Section 27, T19S-R15E Terrebonne Parish.</td>
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<tr>
<td>LaTerre Company #5</td>
<td>5</td>
<td>5894.83 feet south and 3345 feet east of northwest corner of Section 27. Location being in Section 34, T19S-R15E Terrebonne Parish.</td>
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</table>

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U. S. Geological Survey Quadrangle BAYOU DU LARGE, scale 1:62,500, edition of 1944. Only changes that might be expected due to passage of time have taken place.

Comparison was also made with C&GS Survey T-5238, LAKE PENCHANT, scale 1:20,000, compiled from photographs taken in 1932.

The two surveys are in fair agreement.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with C&GS Chart No. 1050, scale 1:175,000, published Oct. 1939, first edition, corrected to 23 June 1952. There we no changes worthy of note.
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None

[Signature]
Richard A. Reese
Carto Photo Aid

APPROVED AND FORWARDED

Ira R. Rubottom, Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR U-COORDINATE</th>
<th>LONGITUDE OR V-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>SCALE OF MAP 1:20,000</th>
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<tr>
<td>Carrion, 1934</td>
<td>G.2386 P.83</td>
<td>29 24</td>
<td>20.727</td>
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<td>638.1 (1209.2)</td>
<td>1511.5 (1061)</td>
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<td>Copasaw, 1934</td>
<td>P. 82</td>
<td>29 29</td>
<td>25.458</td>
<td></td>
<td>783.7 (1063.6)</td>
<td>481.1 (1135)</td>
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<tr>
<td>Decadba, 1934</td>
<td>&quot;</td>
<td>29 22</td>
<td>45.952</td>
<td></td>
<td>1414.8 (432.8)</td>
<td>341.1 (1276)</td>
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<tr>
<td>Piquant, 1934</td>
<td>USGS &quot;</td>
<td>29 30</td>
<td>51.037</td>
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<td>1571.4 (275.9)</td>
<td>819.4 (796.5)</td>
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<td>TT 63F (USGS) 1932</td>
<td>USGS TERRIBONE PARISH</td>
<td>29 30</td>
<td>50.93</td>
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<td>1568.1 (279.2)</td>
<td>777.5 (838.4)</td>
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<td>Sub. Pt. Piquant, 1934</td>
<td>Computed</td>
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<td>1571.0 (276.3)</td>
<td>814.5 (801.4)</td>
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<td>Sub. Pt. Decadba, 1934</td>
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<td>29 22</td>
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<td>1422.8 (424.5)</td>
<td>347.9 (1270)</td>
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T-9037

Geographic Names

Bayou Copasav
Bayou de Cade...
Bayou de Loutra
Bayou Mauvais Bois
Bayou Panchant
Brady Canal

Carrion Crow Bayou

Lake de Cade
Lake Panchant
Little Carrion Crow Bayou
Louisiana

Mauvais Bois Ridge

Peoples Canal

Superior Canal

Terrebonne Parish
Turtle Bayou

Names approved 11-28-56

L. Heck
L. Heck

JUG LAKE
PHOTOGRAMMETRIC OFFICE REVIEW
T-9037

1. Projection and grids  
2. Title  
3. Manuscript numbers  
4. Manuscript size  

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy  
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)  
7. Photo hydro stations  
8. Bench marks  
9. Plotting of sextant fixes  
10. Photogrammetric plot report  
11. Detail points  

ALONGSHORE AREAS
(Nautical Chart Data)

12. Shoreline  
13. Low-water line  
14. Rocks, shoals, etc.  
15. Bridges  
16. Aids to navigation  
17. Landmarks  
18. Other alongshore physical features  
19. Other alongshore cultural features  

PHYSICAL FEATURES

20. Water features  
21. Natural ground cover  
22. Planetary contours  
23. Stereoscopic instrument contours  
24. Contours in general  
25. Spot elevations  
26. Other physical features  

CULTURAL FEATURES

27. Roads  
28. Buildings  
29. Railroads  
30. Other cultural features  

BOUNDARIES

31. Boundary lines  
32. Public land lines  

MISCELLANEOUS

33. Geographic names  
34. Junctions  
35. Legibility of the manuscript  
36. Discrepancy overlay  
37. Descriptive Report  
38. Field inspection photographs  
39. Forms  
40. Jesse A. [Signature]  

Reviewer

William A. Rasure

Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:
62. Comparison with Registered Topographic Surveys

T-5288  1:20,000  1934

In the exploration and development of oil, additional waterways have been dredged since 1934. Otherwise only minor differences exist between these surveys. The subject survey is to supersede the survey of 1934 of common areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies


Differences listed under item 62 apply to this 15 minute quadrangle also.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

1050  1:175,000  Revised to 58 5/12

There are some prominent canals, recently dredged within the limits of subject survey, that could be added to nautical chart 1050 at some future time. The lack of these features on the present chart do not make it inadequate in consideration of the scale of 1:175,000.

66. Adequacy of Results and Future Surveys

The application of changes to the original compilation as clearly indicated on 1956 photography by office interpretation only, appears sufficiently adequate in this case. The lack of an additional field inspection or of a completion survey do not necessarily indicate deficiencies in adequacy or accuracy.

Reviewed by

Josef J. Streifler
Le Laude  
Chief, Review and Drafting Sec.  
Photogrammetry Division  

Mayo  
Chief, Nautical Charts  
Branch  
Chart Division  

Paul Sencer  
Chief, Photogrammetry Division  
2 July 59  

Chief, Coastal Surveys
# NAUTICAL CHARTS BRANCH

**SURVEY NO. T-9037**

Record of Application to Charts

<table>
<thead>
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<th>DATE</th>
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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under “Comparison with Charts” in the Review.