

# 9199

"ORIGINAL"

Diag. Cht. No. 1286-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. \_\_\_\_\_ Office No. T-9199  
Project Ph-36(48)C

### LOCALITY

State TEXAS

General locality BAFFIN BAY

Locality LA PARRA RANCH

1952

CHIEF OF PARTY      Field

George E. Morris, Jr., Chief of Party  
Hubert A. Paton, Baltimore Photo. Office

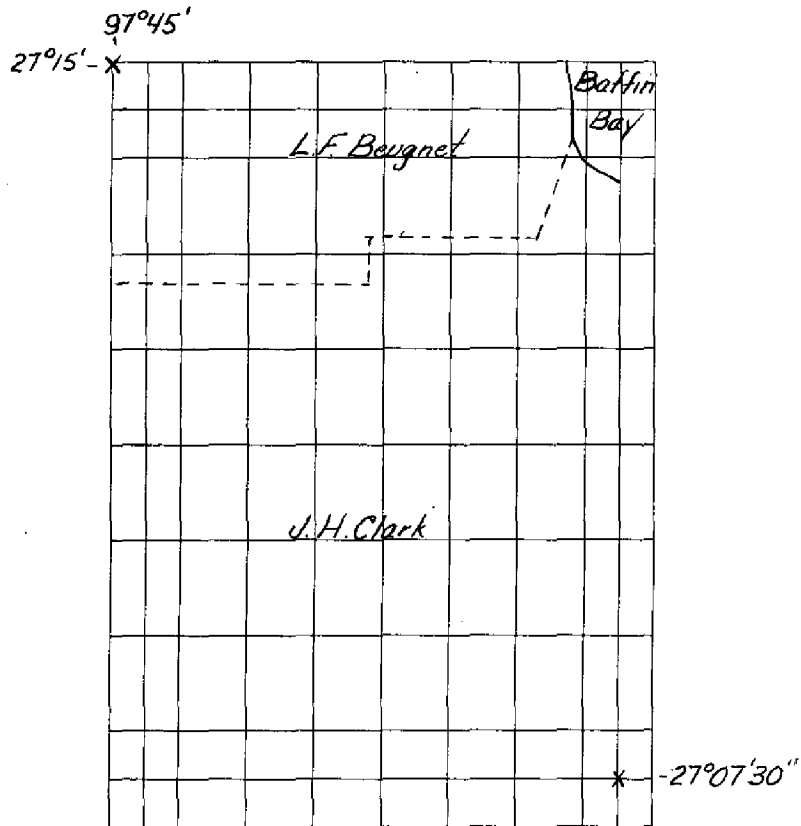
LIBRARY & ARCHIVES

DATE Apr. 5, 1955

B-1870-1 (1)

9199





Areas contoured by various personnel  
 (Show name within area)  
 (II) (III)

DATA RECORD

Field Inspection by (II): L. F. Beugnet  
J. H. Clark

Date: Oct to Dec 1949  
Dec 1949 to Mar 1950

Planetable contouring by (II): L. F. Beugnet  
J. H. Clark

Date: Oct to Dec 1949  
Dec 1949 to Mar 1950

Completion Surveys by (II): W. H. Shearouse

Date: 2-7-52

Mean High Water Location (III) (State date and method of location): Field Inspection, August 1949

Projection and Grids ruled by (IV): T.L.J.

Date: 4-16-50

Projection and Grids checked by (IV): H.D.W.

Date: 4-25-50

Control plotted by (III): F.J. Tarcza

Date: 5-31-50

Control checked by (III): M.F. Kirk

Date: 5-31-50

Radial Plot ~~of Stereoscopic~~  
~~Control extension~~ by (III): F.J. Tarcza

Date: 8-9-50

Stereoscopic Instrument compilation (II):  
Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): B. Kurs  
G.B. Torbert

Date: 10-5-50  
11-3-50

Photogrammetric Office Review by (III): R. Glaser

Date: 11-20-50

Elevations on Manuscript  
checked by (II) (III): R. Glaser

Date: 11-20-50

Camera (kind or source) (III): USC&GS single lens camera, focal length 6"

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
48-0-2125 thru 48-0-2128 incl	12-10-48	1105	1:20,000	No periodic tide
48-0-2168 thru 48-0-2170 incl	12-10-48	1140	1:20,000	
48-0-1711 thru 48-0-1714 incl	12-9-48	1216	1:20,000	

Tide (III)

Reference Station: *The mean range of tide in*  
 Subordinate Station: *Baffin Bay is less than 1/2 foot*  
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *G.B. Willey*

Date: *28 May 1952*

Final Drafting by (IV): *none*

Date:

Drafting verified for reproduction by (IV): *—*

Date:

Proof Edit by (IV): *H. Steifler*

Date: *9/10/52*

Land Area (Sq. Statute Miles) (III): *65*

Shoreline (More than 200 meters to opposite shore) (III): *1 mi*

Shoreline (Less than 200 meters to opposite shore) (III): *none*

Control Leveling - Miles (II): *90.0*

Number of Triangulation Stations searched for (II): *13* Recovered: *11* Identified: *10*

Number of BMs searched for (II): *\** *15* Recovered: *15* Identified: *15*

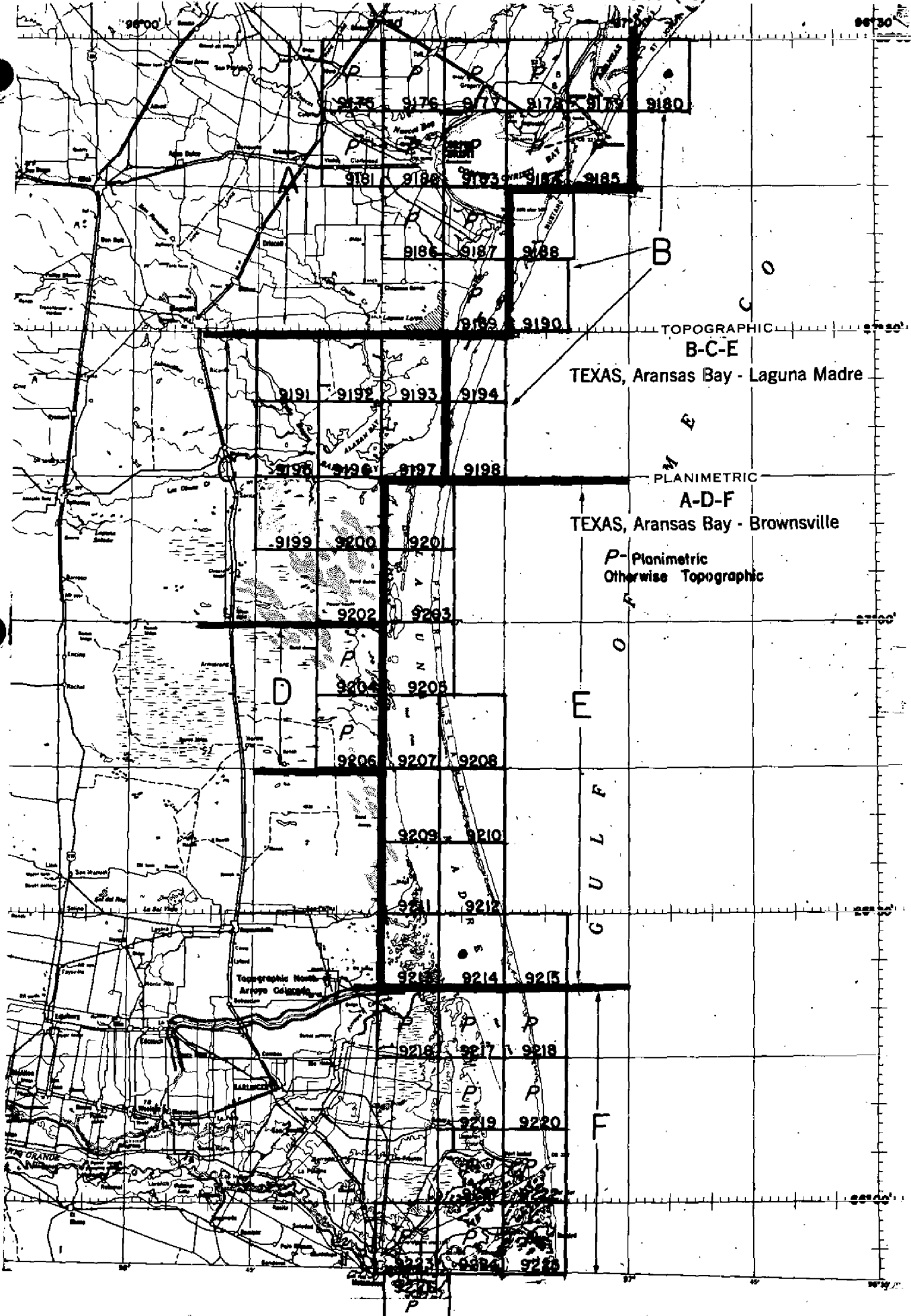
Number of Recoverable Photo Stations established (III): *2*

Number of Temporary Photo Hydro Stations established (III): *none*

Remarks:

\* Two of these BMs fall to the west of the project

TOPOGRAPHIC AND PLANIMETRIC MAPPING PROJECT PH-36 (48)



TOPOGRAPHIC  
B-C-E  
TEXAS, Aransas Bay - Laguna Madre

PLANIMETRIC  
A-D-F  
TEXAS, Aransas Bay - Brownsville

P - Planimetric  
Otherwise Topographic

G  
U  
L  
L  
F

Summary T-

Project Ph-36(48) consists of fifty-two quadrangles at 1:20,000, each 7.5 minutes in latitude and longitude, covering the Gulf Coast of Texas and the Intracoastal Waterway from Aransas Bay to Brownsville and the Mexican Border. Adjoining the project to the north is a series of shoreline surveys in Part IV of Project Ph-14(46).

Information concerning Ph-36(48) in its broader aspects will be included in a project completion report to be compiled at the conclusion of the review of all surveys in this project.

Twenty-six of the quadrangles in this project are topographic surveys and are to be published at 1:24,000 scale by the Geological Survey. The other twenty-six quadrangles are planimetric surveys. Of these, nineteen are to be used as bases by the Geological Survey for the compilation of 7.5 minute topographic quadrangles and will not be published as planimetric maps. The remaining seven, T-9175, T-9176, T-9177, T-9181, T-9189, T-9204, and T-9206, will be published as planimetric maps.

Cloth-backed lithographic prints of the original map manuscripts at compilation scale and the descriptive reports for all maps in this project will be filed in the Bureau archives. Cloth-backed copies of the published topographic quadrangles at 1:24,000 scale will also be filed.

All special reports except Geog. Names Report will be filed in the Project Completion Report.

## 2. AREAL FIELD INSPECTION

This quadrangle lies a few miles due east of the town of Sarita, Texas, and at the extreme southwest corner of Baffin Bay. It includes a portion of the Kenedy Ranch, along with the main group of buildings on the ranch. The quality of the photography showed some room for improvement, particularly where cloud formations were in evidence. Variable photographic scale necessitated some movement of contour elevations. The area was thoroughly covered by the field inspector. Field inspection was done on contact prints 48-0-1711 and 48-0-1712; ratio prints 48-0-2125 to 48-0-2128 inclusive, and 48-0-2168 to 48-0-2170 inclusive.

## 3. HORIZONTAL CONTROL

Considerable supplemental control was established in and near the area. See "Special Report, Supplemental Control and Aids to Navigation, Baffin Bay to Arroyo Colorado, Project Ph-36(48)." One station, KENEDY RANCH OIL WELL DERRICK 1913, was located very close to the north limit of this quadrangle as a topographic station and was identified on photograph submitted with quadrangle T-9195( ). The derrick is gone, eliminating itself as a triangulation station, but the casing remains and was established as the topographic station. Another station, AIRWAY BEACON SITE NO. 9 1931, was lost due to relocation of the aid. One station recently established, HUMBLE OIL CO KENEDY LEASE WELL NO. 35 1950, was not identified on the photographs due to the proximity of other stations already identified. Identification of horizontal control was done on contact print 48-0-1711, and on the following ratio prints: 48-0-2125, 48-0-2169, 48-0-2171, 48-0-2172, 48-0-2177, 48-0-2178, 48-0-2181, and 48-0-2182.

## 4. VERTICAL CONTROL

The following fifteen USC&GS bench marks were recovered and used in contouring the quadrangle: W 636, X 636, Y 636, Z 636, A 637, B 637, C 637, D 637, E 637, F 637, G 637, H 637, J 637, K 637, and L 637. Numerous supplemental elevations were established by wye leveling, these points being numbered consecutively from 99-01 to 99-125 inclusive. Closures were fairly good. One line was rerun, and the largest remaining closure for the area being 0.53 ft. Errors of closure of 0.30 ft. or more were prorated along the lines and elevations were adjusted accordingly.

## 5. CONTOURS AND DRAINAGE

All contouring was done directly on the following seven ratio prints: 48-0-2125 to 48-0-2128 inclusive, 48-0-2168 to 48-0-2170 inclusive.

A vertical accuracy check was run on photograph 48-0-2168 to check the work of the topographer. Check elevations and corrections to contours are shown in violet ink.



For contouring, this is the most difficult area yet encountered by this topographer. The more open areas were contoured normally, simultaneously with the field work of securing spot elevations. The entire area was examined carefully with the stereoscope, both before and after field operations. A few hand level elevations were used in strategic locations. A few areas of shifting sand were not fully contoured, although numerous elevations were taken. Other areas of former shifting sand were being held in place by grass and trees, and after carefully checking the photographic position, were fully contoured. Not all elevations taken are shown on the photographs due to the lack of area for legibility. In fact, in such minutely rough terrain as this, it might be advantageous to have a larger working scale of photograph.

In the northeast part of the quadrangle it might be interesting to note a depression zero contour, and a depression five foot contour. This is an extremely low area, sealed off from Baffin Bay, in which evaporation action keeps the water level actually below sea level. There is no real drainage pattern in the area. Over much of the quadrangle there will be found innumerable small ridges, running from northwest to southeast.

*This area shown as an Intermittent Pond.*

#### 6. WOODLAND COVER

The major part of the area is covered with live oak trees. These show up fairly dark on the photographs, are to be noted in the higher areas, and along the top portion of the ridges. There is also a dense live-oak scrub, varying in height from knee-high on up to the height of the full fledged trees. These areas show on the photographs as somewhat lighter in tone than the trees. In the lower areas, and in the small valleys between the ridges, will be found the deciduous mesquite scrub, in varying density, and is characterized by a mottled gray appearance. Any smooth areas in the midst of the mesquite scrub are grass, and can be classified as "open". Representative areas have been classified in red ink, "T" for trees, "S" for scrub, and occasionally even open areas have been labeled for clarification.

#### 7. SHORELINE AND ALONGSHORE FEATURES

The one mile of shoreline inspection in this quadrangle is shown on contact print 48-0-1714. The mean high water line is indicated and shows sharply on the photograph. The mean low water line and also the storm water line have not been indicated on the photograph since both are parallel and very close to the mean high water line. A fence extending out into the water of Baffin Bay has been indicated on the photograph.

#### 8. OFFSHORE FEATURES

There are no offshore features worthy of note in this area.

#### 9. LANDMARKS AND AIDS

There are no aids to navigation within the area. There is, however, one landmark worthy of note since it is visible from the entire western portion of

Baffin Bay. This is the Kenedy Ranch Water Tank, which has a position established in 1931. Form 567 is submitted for this tank.

*Chart Letter 921 (SP)*

10. BOUNDARIES, MONUMENTS, AND LINES

See "Special Report, Boundaries, Baffin Bay to the Rio Grande, Project Ph-36(48)."

11. OTHER CONTROL

Bench mark L 637 1942 has been identified on contact print 48-0-1714 for a topographic station.

12. OTHER INTERIOR FEATURES

All roads in the area have been classified according to Photogrammetry Instructions No. 10, dated 14 April 1947. All roads are private.

Buildings have been classified according to Photogrammetry Instructions No. 29, dated 1 October 1948. Both Class I and Class II buildings have been designated due to the relatively few buildings in the area. There is one very small area cleared as a private airplane landing strip, shown on ratio print 48-0-2169. However, this small strip has not been used by aircraft for some time. Due to the scarcity of other topographic features, fences in the quadrangle have been designated by the field inspector. For the same reason the survey lines indicated on the photographs should be shown. A road 8 symbol is suggested. These lines are shown on photographs 48-0-2125, 48-0-2126, 48-0-2127, and 48-0-2170.

All windmills and flowing wells in the area have been designated. Cabillos Windmill and Well are abandoned at present, being dry. Erebia Windmill is still standing, but is disconnected from the flowing well. Otherwise, throughout the area the term "windmill" includes a well which requires pumping. All well and windmill names have been verified with Mr. Francis French, of the Kenedy Ranch Office, and are given on the photographs.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-36(48), Baffin Bay to Port Mansfield (Red Fish Landing)."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

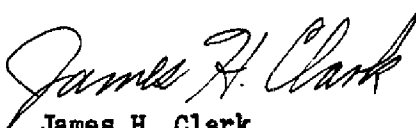
"Special Report, Supplemental Third Order Control and Aids to Navigation, Project Ph-36(48), Baffin Bay to Arroyo Colorado," forwarded to Washington Office 13 March 1950.

"Special Report, Boundaries, Project Ph-36(48), Baffin Bay to the Rio Grande," to be submitted at a later date.

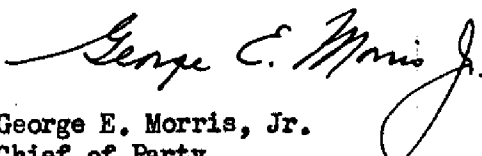
"Special Report, Geographic Names, Project Ph-36(48), Baffin Bay to Port Mansfield (Red Fish Landing)," forwarded to Washington Office 6 December 1949.

Data, Quadrangle T-9199( ), letter of transmittal Ph-36 Field 60, forwarded to Baltimore Office 21 April 1950.

Submitted  
14 April 1950

  
James H. Clark  
Cartographic Survey Aid

Approved  
21 April 1950

  
George E. Morris, Jr.  
Chief of Party

MAP T-9199

PROJECT NO Ph-36(48)C

SCALE OF MAP 1:20,000

SCALE FACTOR None.

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
					FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
LOS OLMOS, 1949	Texas IV P. 516	N.A. 1927	27 13	20.693	Off project			639.9	1209.8		
SUB STATION, LOS OLMOS, 1949			97 47	20.148				554.4	1096.6		
KENEDY RANCH WATER TANK, 1931	G7Z G-755 P.40	N.A. 1927	27 13	00.752				23.1	1823.6		
SUB STATION, KENEDY RANCH WATER TANK, 1931			97 41	41.574				1144.0	507.1		
			Not pricked								
MIFFLIN, 1950	Texas IV P.514	"	27 05	40.484	Off Project			1246.0	600.7		
SUB STATION MIFFLIN, 1950			97 47	25.106				691.6	961.3		
SARITA, 1913	G-167 P 14	"	27 09	20.521				631.6	1215.1		
SUB. STATION SARITA, 1913			97 43	57.442				1581.6	70.4		
CORVA SACATE WINDMILL, 1950	Texas IV P. 521	"	27 09					402.5	(1444.2)		
HUMBLE OIL CO. KENEDY LEASE WELL No. 35, 1950	Texas IV P.521	"	97 43					1000.1	(651.9)		
KENEDY RANCH WINDMILL NEAR WHITE TANK, 1950	Texas IV P.521	"	27 05	57.642				1774.1	72.6		
			97 45	10.190				280.7	1372.1		
			27 05	54.461	Off Project			1676.2	170.5		
			97 46	38.885				1071.2	581.6		
			27 13	13.921	This position in error. This station deleted.			428.4	1418.3		
			97 41	37.334				1027.2	623.8		
SUB STATION, KENEDY RANCH, WINDMILL NEAR WHITE TANK, 1950			Plotted graphically								

MAP T. 9199

PROJECT NO. Ph-36(48)C

SCALE OF MAP 1:20,000

SCALE FACTOR

None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
MIFFLIN PENS WINDMILL, 1950	Texas IV P.521	N.A. 1927	27 06	06.82	Off project			209.9	1636.8	
SUB STATION MIFFLIN PENS WINDMILL, 1950			97 47	37.41				1030.5	622.3	
RISKEN LOOKOUT TOWER, 1950	Texas IV P.521	N.A. 1927	27 09	59.307				1825.4	21.3	
HUMBLE OIL CO. HUB NO. 1, 1950	Texas IV P.518	"	97 41	24.789				682.5	969.3	
SUB STATION HUMBLE OIL CO. HUB NO. 1, 1950			27 06	16.94				521.4	1325.3	
SARITA WATER TANK, MUNICIPAL, 1931	GTZ- G-755 P.40	"	97 43	33.17				913.7	739.1	
KENNEDY RANCH OIL WELL DERRICK, 1913	G167 P.37	"	27 06					521.4	(1325.3)	
			97 43					959.4	(693.4)	
			27 13	25.505				785.0	1061.7	
			97 47	34.006				935.7	715.3	
			27 14	44.63				1373.6	473.1	
			97 42	49.96				1374.4	276.2	

COMPILATION REPORT

T-9199

The photogrammetric plot report covering the area of which this manuscript is a part, has been submitted with the descriptive report for Survey T-9200.

31. DELINEATION

This manuscript was compiled graphically.

Due to the density of contours and the coincidence of the tree lines with these contours, it was considered advisable to compile the tree lines on a separate sheet of acetate for clarity. Projection line intersections around the edge of the survey, photo centers, pass points, and detail points were transferred to the acetate sheeting for registration purposes before the woodland symbols were compiled.

32. CONTROL

The identification of KENEDY RANCH WINDMILL NEAR WHITE TANK, 1950, does not agree with the geographic position for this station. (See radial plot report, item No. 23). *See Field Edit Report*

The density and placement of horizontal control was satisfactory.

33. SUPPLEMENTAL DATA

The following data was used to supplement the photographs during the compilation of this survey.

1. C of E Sarita quadrangle—used for geographic names and for comparison with existing maps.
2. General land office Kenedy County map - used for precinct boundary data.

34. CONTOURS AND DRAINAGE

The project instructions require no contours to be shown in areas of shifting sand dunes. Since several small areas of shifting sand dunes have been contoured however, the contours have been compiled and are subject to deletion by the Washington Office Review Section.

*Deleted during Review*

35. SHORELINE AND ALONGSHORE DETAILS

No comment.

36. OFFSHORE DETAILS

No comment

37. LANDMARKS AND AIDS

Form 567 for one landmark for charts is being forwarded with this report.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 for two recoverable topographic stations are being forwarded with this report. These stations are listed in item No. 49.

39. JUNCTIONS

This survey joins T-9195 on the north and T-9200 on the east. The junctions are in agreement

There are no contemporary surveys to the south and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

Inapplicable.


46. COMPARISON WITH EXISTING MAPS

Comparison was made with the C. of E. Sarita quadrangle, scale 1:125,000, dated 1920-R-1928. Worthy of note is the difference in the location of the shoreline of Baffin Bay and Laguna Saluda directly south of the Kleberg-Kenedy County boundary.


47. COMPARISON WITH NAUTICAL CHARTS

The only charts covering this area are very small scale sailing charts which have no common detail with the manuscript for comparison.

Respectfully submitted  
20 November 1950

  
Raymond Glaser  
Cartographic Aid

Approved and forwarded  
November 1950

  
Hubert A. Paton, Comdr., C&GS  
Officer in Charge

48. GEOGRAPHIC NAME LIST

\* Alto de la Cruz (Hill)  
Atravesada Artesian Well

Baffin Bay  
Bordas Artesian Well

\* Cabillos Windmill (abandoned)  
Commissioner Precinct 1  
Commissioner Precinct 2  
~~Cosas Well~~ (\* Cobas Windmill) Well

\* ~~Eberia Windmill and Well~~ (Windmill)  
Kenedy County

Labores Windmill Well  
La Parra Ranch  
La Parra School (name o.k. if it exists)

\* Lps Flores Artesian Well  
\* Mesquite Cattle Pens  
Miralejos Well Artesian

\* Padre Alejos Artesian Well  
Pete Artesian Well

Riskin Well and Windmill (RISKEN)

\* Tecolote Artesian Well  
Tomas Artesian Well (Windmill)

\* Names from field inspection photographs

The following names are applied to the area of this survey on the geographic names standard, but could not be located on the manuscript:

Mistle Well  
Mota Redonda Well  
Prieta Well

Names underlined in  
red are approved  
5-28-57. L. Heck  
5-27-52 a. field.



T-9199

49. NOTES FOR THE HYDROGRAPHER

Forms 524 have been submitted for the following recoverable topographic stations:

KENEDY RANCH OIL WELL DERRICK, 1913  
BM L 637, 1942

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**TO BE CHARTED**  
~~TO BE CHARTED~~

STRIKE OUT ONE

Brownsville, Texas

27 March 1950

I recommend that the following objects which have ~~(insert)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(insert)~~ the charts indicated.

The positions given have been checked after listing by

James H. Clark

STATE	TEXAS	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION					DATE OF LOCATION	METHOD OF LOCATION AND SURVEY	HARBOR CHART	NEAR SHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE		LONGITUDE		DATUM						
					°	'	°	'							
		TANK	Kenedy Ranch Water Tank (70 ft. above ground.) (103 ft. above MHW)		27 13	23.1	97 41	1144.1	N.A. 1927	Triangulation				3286	
														3267	

George E. Morris, Jr. Chief of Party

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by

50-

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9199

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

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

- 20. Water features h
- 21. Natural ground cover h
- 22. Planetable contours h
- 23. ~~Stereoscopic instrument contours~~ \_\_\_\_\_
- 24. Contours in general h
- 25. Spot elevations h
- 26. Other physical features h

CULTURAL FEATURES

- 27. Roads h
- 28. Buildings h
- 29. ~~Railroads~~ \_\_\_\_\_
- 30. Other cultural features h

BOUNDARIES

- 31. Boundary lines h
- 32. ~~Public land lines~~ \_\_\_\_\_

MISCELLANEOUS

- 33. Geographic names h
- 34. Junctions h
- 35. Legibility of the manuscript h
- 36. Discrepancy overlay h
- 37. Descriptive Report h
- 38. Field inspection photographs h
- 39. Forms h
- 40. Raymond Blaw Reviewer      Joseph Steinberg 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:

## Field Edit Report, T-9199

51. Methods.--The Jeep was used to ride out all roads, trails and fence lines. The shoreline was walked over and a thorough investigation of the storm water line made. Limits of woodland cover, as delineated on the acetate overlay, were checked visually. These methods enabled the field editor to inspect all topographic and planimetric details and answer questions asked by the reviewer.

Violet ink was used for additions and corrections, and green for deletions.

Field edit information will be found on Field Edit Sheets No. 1 and 2, the Discrepancy Print and the following photographs: 48-O-2125, 2127 and 2128.

52. Adequacy of compilation.--The compilation of map details is adequate and will be complete after application of field edit information.

53. Map accuracy.--No horizontal accuracy test was specified, but from visual inspection and points tested by planetable method, such as fence and road intersections used while locating new roads and testing contours, the accuracy appears good.

Field edit instructions on the Discrepancy Print called for "several short vertical accuracy tests". After it was discovered that a new road extended across the quadrangle from east to west near the center of the south half, it was decided to test the contours while locating the road. Fifty-two points were tested from the east side approximately two-thirds across the quadrangle by standard planetable methods. The test began and ended vertically at fly-level points. Error of closure was 0.3 foot. No adjustment was made. It began horizontally at the centerline of fence and road and ended at the centerline intersection of a fence and road. Error of closure was negligible. The test proved the contours to be well within standard accuracy requirements. A few corrections have been made on the Field Edit Sheet.

54. Recommendations.--A glossy double weight matte print was furnished for field edit purposes. It is believed the glossy print was sent in error as it does not take ink well. The dull finish is more practical and is recommended.

55. Examination of proof copy.--It is recommended that the proof copy of the map be sent to Mr. Francis G. French, Sarita, Texas, for examination. He is Kenedy County Surveyor and a Kenedy Ranch employee. He has agreed to make the examination.

Geographic names.--A discrepancy in the spelling and location of a geographic name was noted. EREBIA WINDMILL should be EBERIA WINDMILL.

It is located at approximate latitude 27 degrees 14.9 minutes, longitude 97 degrees, 41.7 minutes and not at the location shown on the map manuscript.

The name of the windmill shown as EREBIA on the map manuscript at latitude 27 degrees, 13.8 minutes, longitude 97 degrees, 42.9 minutes should be TOMAS WINDMILL.

56. Horizontal control.--KENEDY RANCH WINDMILL NEAR WHITE TANK, 1950, is plotted at the wrong location. Mr. W. M. Reynolds, Cartographic Survey Aid, now on this field edit party, did the observing and says only two cuts were taken. As the error in its position is so great, it is recommended it be deleted from the geodetic records and the name and symbol removed from the map manuscript.

Respectfully submitted,  
7 February 1952

*William H. Shearouse*

William H. Shearouse,  
Cartographer

20

REVIEW REPORT T-9199  
Topographic Map  
28 May 1952

62. Comparison with Registered Topographic Surveys:

T-1624                                  1:20,000                                  1881

T-9195 supersedes this survey for nautical charting purposes.

For a discussion of the special treatment of shoreline interpretation and delineation by this survey as compared to the above survey, see item 66 below.

Minor shoreline erosion is in evidence from a comparison with this survey.

63. Comparison with Maps of Other Agencies:

Sarita, Tex. (U.S.E.)                  1:125,000                  1909 Revised 1928

No significant differences are to be noted.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

Chart 1117                  1:460,732                  5 Edition (1941)                  52-1/17.

See Item 66 below for a discussion of the special treatment of shoreline interpretation and delineation in this area.

66. Shoreline Interpretation and delineation: Water stages in this area vary widely with meteorological conditions. The high-water line has been omitted where it is indefinite and is not marked by visible evidence on the ground. The broken line indicates the approximate inshore limits of areas subject to inundation. The dotted line represents the approximate low-water line. *See Review Report 9192*

67. Adequacy of Manuscript: This topographic map complies with Bureau standards, project instructions and with National Map Accuracy standards.

Reviewed by:

*Gordon B. Willey*  
\_\_\_\_\_  
Gordon B. Willey

T-9199  
Page 2

Approved:

L. C. Laude 27 Dec 1954  
Chief, Review Section  
Division of Photogrammetry

J. H. Edmister  
Chief, Nautical Chart Branch  
Division of Charts <sup>645</sup>

Chief, Div. of Photogrammetry

Carl O. Henton B  
Chief, Div. of Coastal Surveys

# NAUTICAL CHARTS BRANCH

SURVEY NO. T. 9199

## Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
<i>11/51</i>	<i>1117</i>	<i>Pregeri</i>	Before <del>After</del> Verification and Review
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M-2168-1

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.