

9202

Diag. Cht. No. 1287

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Ph-36(48)C Office No. T-9202

LOCALITY

State TEXAS

General locality LAGUNA MADRE

Locality LOS INDIOS RANCH

194 52

CHIEF OF PARTY

G.E. Morris, Jr. Chief of Field Party.

H.A. Paton, Baltimore Photogrammetric Office.

LIBRARY & ARCHIVES

DATE Dec 2 - 1953

9202

DATA RECORD

T -9202

Project No. (II): **Ph-36(48)C** Quadrangle Name (IV): **Sarita No 4, SE**
 Field Office (II): **Brownsville, Texas** Chief of Party: **George E. Morris, Jr.**
 Photogrammetric Office (III): **Baltimore, Md.** Officer-in-Charge: **Hubert A. Paton**

Instructions dated (II) (III): **14 February 1949**
 8 June 1949 Office compilation Assignment
 26 July 1949)
 28 July 1949) Supplement No. 2
 24 Feb. 1950 - Supplement No. 1

Copy filed in Division of
 Photogrammetry (IV)
office files

Method of Compilation (III): **Graphic**

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

Scale Factor (III): **none**

Date received in Washington Office (IV): **12-1-50** Date reported to Nautical Chart Branch (IV): **12-12-50**

Applied to Chart No. **894** Date: **Nov. 1951** Date registered (IV): **9-2-52**
895 **Dec. 1951**

Publication Scale (IV): **1:24,000**

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III):

Mean sea level except as follows:
 Elevations shown as (25) refer to mean high water
 Elevations shown as (5) refer to sounding datum
 i.e., mean low water or mean lower low water

Reference Station (III): **MILL, 1949**

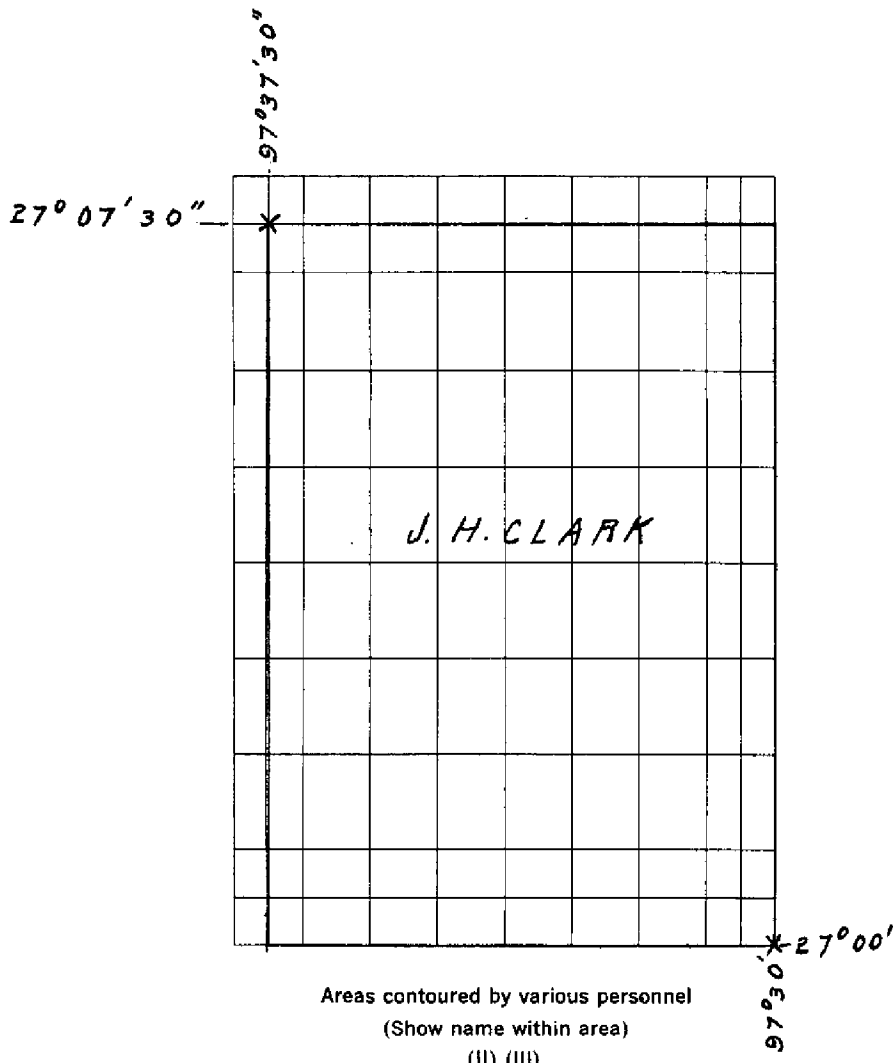
Lat.: **27° 00' 32.943" 1013.9 m** Long.: **97° 36' 21.457" 591.5 m** Adjusted
~~unadjusted~~

Plane Coordinates (IV): State: **Texas** Zone: **South**

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)

DATA RECORD

Field Inspection by (II): **W. M. Reynolds**
J. H. Clark

Date: **March 1950**
April, May, & June 1950.

Planetable contouring by (II): **J. H. Clark**

Date: **April, May & June**
1950.

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

Date: **January 1952**

Mean High Water Location (III) (State date and method of location): **None**

Projection and Grids ruled by (IV): **TLJ**

Date: **4-20-50**

Projection and Grids checked by (IV): **HDW**

Date: **4-25-50**

Control plotted by (III): **M. F. Kirk**

Date: **6-27-50**

Control checked by (III): **J. Vonasek**

Date: **7-11-50**

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

Date: **8-7-50**

~~Stereoscopic instrument comparison~~
Planimetry
Contours

Date:

Date:

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

Date: **10-15-50**

Photogrammetric Office Review by (III): **M. F. Kirk**

Date: **6 Nov. 1950**

Elevations on Manuscript
checked by (II) (III): **M. F. Kirk**

Date: **6 Nov. 1950**

Camera (kind or source) (III): USC&GS single lens, type O, focal length 6 inches

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
48-0-1345	12-8-48	1304	1:20,000	Tide negligible
48-0-1346	"	1305	"	"
48-0-1347	"	1305	"	"
48-0-1405	"	1411	"	"
48-0-1407	"	1412	"	"
48-0-1408	"	1412	"	"
1902	12-9-49	1417	"	"
1903	"	1417	"	"
1904	"	1420	"	"
1905	"	1420	"	"

Tide (III)

Reference Station: ~~Tide negligible~~
Subordinate Station: The mean range of tide in
Subordinate Station: this area is less than 1/2 foot

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): K. N. Maki

Date: 6-5-52

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 66 sq. mi.

Shoreline (More than 200 meters to opposite shore) (III): 0

Shoreline (Less than 200 meters to opposite shore) (III): 0

Control Leveling - Miles (II): 41.4

Number of Triangulation Stations searched for (II): 5 Recovered: 5 Identified: 5

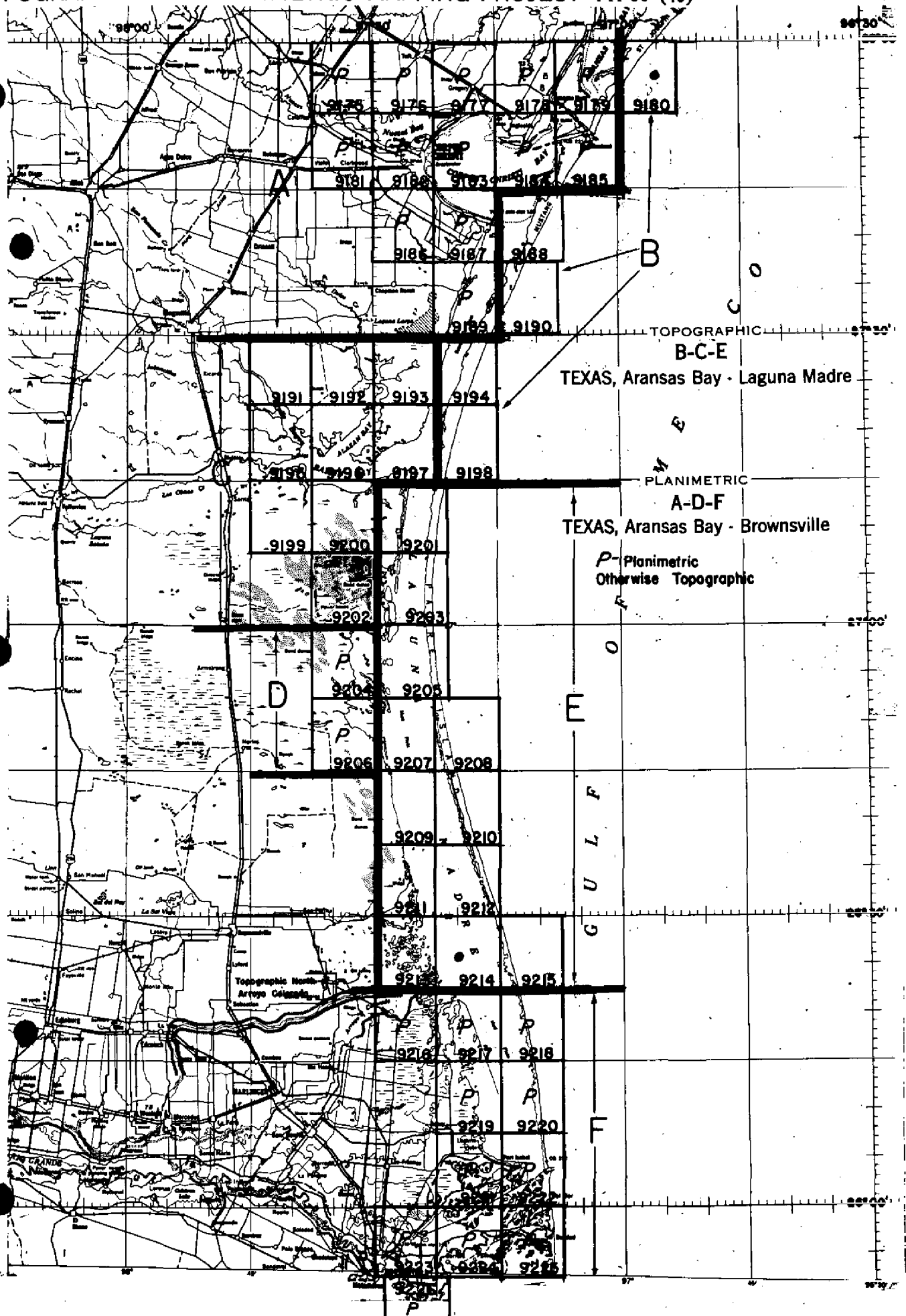
Number of BMs searched for (II): 4 Recovered: 4 Identified: 3

Number of Recoverable Photo Stations established (III): 1

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

Remarks:

TOPOGRAPHIC AND PLANIMETRIC MAPPING PROJECT PH-36 (48)



SUMMARY T-9202

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

The only water areas are small ponds, ^{and a small area that floods from the Laguna Madre in the SE corner of this quad.} Approximately fifteen per cent of the area is covered by shifting sand. Since the prevailing winds are southeasterly, this sand is moving in a northwestwardly direction. The movement of the sand has been measured and is 100 feet or more, per year. This varies, of course, depending on location of the sand, terrain features, and the amount of wind in any one year. The balance of the area is used for the grazing of cattle.

The quality of photography is good, showing all necessary features. All field inspection was accomplished simultaneously with contouring, and is to be found on the following photographs: 48-0-1405 through 48-0-1408, and 48-0-1345 through 48-0-1347.

3. HORIZONTAL CONTROL

Additional horizontal control was established in and adjoining this area; see "Special Report, Supplemental Third Order Control and Aids to Navigation, Project Ph-36(48), Baffin Bay to Arroyo Colorado."

Horizontal control was identified on the following photographs: 48-0-1347, 48-0-1406, 48-0-1408, 48-0-2122, 48-0-2123, 48-0-2175, and 48-0-2176. Of the first three photographs mentioned, 48-0-1347, 48-0-1406, and 48-0-1408, duplicate prints were used to facilitate early forwarding of control data for the radial plot. Two stations, HUMBLE OIL CO HUB NO 3 1950 and HUMBLE OIL CAMP RADIO ANTENNA POLE 1950, were identified on photographs submitted with quadrangle T-9204(). All stations immediately west of the area were also identified.

4. VERTICAL CONTROL

BM 10 USE and BM 11 USE are shown on contact print No. 48-0-1936. BM P 638 1942 is shown on ratio print No. 48-0-2121. TBM NAIL (H.O. & REF CO) is shown on ratio print 48-0-1408. TBM SUE (H.O. & REF CO) is shown on ratio print 48-0-1345. These two temporary bench marks, along with one fly level point established in quadrangle T-9199(), and another in quadrangle T-9201(), form the basis of all levels run in this area. Fly level points are numbered consecutively from 02-01 to 02-38 inclusive. Closures were good, the greatest being 0.55 foot. All errors of closure above 0.30 foot were adjusted

BM N 638 1942 was not identified.

5. CONTOURS AND DRAINAGE

All contouring was done directly on the following ratio prints: 48-0-1405 through 48-0-1408, 48-0-1345 through 48-0-1347. Standard plane-table methods were employed.

Detailed planetable traverses were run along the line marking the west project limits, and along the southern boundary of the quadrangle. No large vertical closures of planetable traverse were encountered throughout the area. Use of the stereoscope both before and after field contouring facilitated the work considerably. Because of the minute ridge patterns found, and because of considerable variance in photographic scale, the stereoscope proved to be almost indispensable. Because of the temporary location and shapes of the shifting sand, contours are not shown in these areas. Numerous elevations on sand were taken, however, to afford information of their conformation.

There is no definite drainage pattern.

6. WOODLAND COVER

Representative areas of live oak trees, live oak scrub, and mesquite scrub, are indicated. Small isolated groups of oak trees, or "motts", are also classified.

7. SHORELINE AND ALONGSHORE FEATURES

See Review Report # 67

A very small portion of the storm water line of Laguna Madre falls on the eastern edge of this quadrangle. See "Special Report, Identification and Delineation of the Shoreline of Laguna Madre, Project Ph-36(48)."

8. OFFSHORE FEATURES

Not applicable.

9. LANDMARKS AND AIDS

There are no landmarks or aids to navigation within the area.

10. BOUNDARIES, MONUMENTS AND LINES

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

11. OTHER CONTROL

BM 11 USE was identified on contact print 48-0-1936 as the only topographic station in the area.

12. OTHER INTERIOR FEATURES

All roads in the area are unimproved, single lane field roads, and are private since the entire area lies within the Kenedy Ranch. Three buildings, all Class I, (Photogrammetry Instructions No. 29, dated 1 October 1948) were found in the area.

Due to lack of other topographic detail, all fences in the area were indicated. All windmills and artesian wells in the area are designated.

13. GEOGRAPHIC NAMES

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

Mr. Edward Turcotte of Sarita, Texas, was consulted concerning names of wells not shown on Name Sheet No. 10 of the above mentioned Special Report. It is recommended that the name PALMITO RANCH be deleted as the area has been covered with shifting sand and there remains only a watering trough receiving water piped from Palmito Artesian Well. EL TORO WINDMILL and WELL, and EL TORO ARTESIAN WELL are now also covered by shifting sand and recommended to be deleted.

The name SANTA ELENA TRAP is well known as a half-mile square area enclosed by fence, and including the Santa Elena Artesian Well, and it is recommended. SALINA WINDMILL, located as an intersection station, bears the recommended name of AGUJON WINDMILL. The Salinas Wells are now dry, showing the ruins of two fallen windmill towers located approximately 2.7 miles northeast of Agujon Windmill. Two additional flowing wells were found in the area: NORIA DE LA COMPANIA ARTESIAN WELL, and EL CHICHA RON ARTESIAN WELL. The latter is sometimes known also as the Humble Artesian Well, although the name EL CHICHA RON is recommended. The name HUMBLE OIL CAMP is also recommended as a feature becoming well known.

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", forwarded to Washington Office 8 June 1950.

"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-9202(), letter of transmittal Ph-36 Field 69, forwarded to Baltimore Office 13 July 1950.

** Special reports on file in Div. Photogrammetry
general files except Geogr. Names Report filed
in Geogr. Names Section, Div. of Charts.*

Horizontal Control (partial), quadrangle T-9202(), letter of
transmittal Ph-36 Field 67, forwarded to Baltimore Office 14 June 1950.

Submitted
14 July 1950

James H. Clark
James H. Clark
Cartographic Survey Aid

Approved
13 July 1950

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party

MAP T. 9202

PROJECT NO. Ph-36(48)C

SCALE OF MAP 1:20,000

SCALE FACTOR 1,000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR α -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)	
✓ CHAPARRAL WINDMILL 1949	Texas IV P. 520	N.A. 1927	27 04	30.80				948.0	898.7	
SUB. PT. CHAPARRAL WINDMILL, 1950		"	97 34	27.90				768.8	884.4	
			27 04					989.8	856.9	
			97 34					712.9	940.3	
✓ HUMBLE OIL CO. KENEDY LEASE WELL NO. 1, 1950	Texas IV P. 520	"	27 03	47.467	<i>West of map limits</i>			1460.9	385.8	
SUB. PT. HUMBLE OIL CO., KENEDY LEASE WELL NO. 1, 1950		"	97 38	09.984				275.1	1378.2	
✓ MILL, 1949	Texas IV P. 514	"	27 03					1474.9	371.8	
		"	97 38					138.2	1515.1	
		"	27 00	32.943				1013.9	832.7	
SUB. PT. MILL, 1949		"	97 36	21.457				591.5	1062.6	
		"	27 00					1193.2	653.4	
✓ LOS INDIOS WIND- MILL, 1950	Texas IV P. 520	"	97 36					548.2	1105.9	
		"	27 01	43.552				1340.4	506.2	
SUB. PT. LOS INDIOS WINDMILL, 1950		"	97 37	01.414				39.0	1614.9	
		"	27 01					1361.7	484.9	
✓ HUMBLE OIL CO. HUB NO. 2, 1950	Texas IV P. 518	"	97 37					100.6	1553.3	
		"	27 06	21.276				654.8	1191.9	
SUB. PT. HUMBLE OIL CO., HUB NO. 2, 1950		"	97 32	52.274				1439.9	212.8	
		"	27 06					390.5	1456.1	
✓ SALINA WINDMILL 1950	Texas IV P. 521	"	97 32					1456.7	196.0	
		"	27 04	51.518				1585.6	261.1	
SUB. PT. SALINE WINDMILL, 1950		"	97 33	32.962				908.2	744.9	
		"	27 04					1461.4	384.3	
		"	97 33					975.4	677.7	

1 FT. = 3048006 METER
COMPUTED BY: H.R. Rudolph
DATE: 23 June 1950
CHECKED BY: M.F. Kirk
DATE: 27 June 1950
M. 2388-12

MAP T. 9202 PROJECT NO. Ph-36(48)C SCALE OF MAP 1:20,000 SCALE FACTOR 1,000

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)	
HUMBLE OIL CO. HUB NO. 3, 1950	Texas IV P. 518	N.A. 1927	27 00	15.763				485.1	1361.5	
			97 32	46.656				1286.3	367.9	
MARTIN, 1950	Texas IV P. 514	"	27 05	02.543	<i>West of map limits</i>			78.3	1768.4	
			97 40	19.240				530.1	1123.0	
SUB PT. MARTIN, 1950			27 04					859.4	987.3	
			97 40					858.0	795.1	
MARANA WINDMILL, 1950	Texas IV P. 520	"	27 01	31.92	<i>West of map limits</i>			982.4	864.2	
			97 39	56.35				1553.3	100.6	
SUB PT. MARANA WINDMILL, 1950			27 01					967.6	879.0	
			97 39					1612.8	41.1	
HUMBLE OIL CO. X RADIO ANTENNA POLE, 1950	Texas IV P. 518	"	27 00	42.326	<i>Destroyed</i>			1302.7	544.0	
			97 33	14.084				388.3	1265.8	
SUB PT. HUMBLE OIL CO., RADIO ANTENNA POLE, 1950			27 00					1318.6	528.1	
			97 33					398.5	1255.6	
LOLA WINDMILL, X 1950	Texas IV P. 520	"	27 00	01.505	<i>West of map limits</i>			46.3	1800.3	
			97 37	53.106				1464.2	190.1	

1 FT. = 3048006 METER
COMPUTED BY: H.R. Rudolph DATE 23 June 1950
CHECKED BY: M.F. Kirk DATE 27 June 1950
M-2388-12

COMPILATION REPORT

T-9202

PHOTOGRAMMETRIC PLOT REPORT

Refer to radial plot report for this area which is bound with the descriptive report for T-9200

31. DELINEATION

This survey was delineated by graphic methods only.

In the areas of the large sand dunes where contouring was performed on one photograph and field inspection on another photograph (48-0-1405 through 48-0-1408) the limits of the sand dunes did not conform with the contours.

A discrepancy overlay has been prepared and is being submitted with the manuscript.

32. CONTROL

The identification, density and placement of the horizontal control was satisfactory. Please refer to item (3) of this report, to the radial plot report and "Special Report, Supplemental Third Order Control and Aid to Navigation, Project Ph-36(48), Baffin Bay to Arroyo Colorado".

SALINA WINDMILL, 1950, located as an intersection station should bear the name AGUJON WINDMILL as recommended by the field inspector.

33. SUPPLEMENTAL DATA

In addition to special reports and records listed in Section 14 on the field report the following items of supplemental data were used during compilation of this survey:

- (1) List of Directions (Theodolite angles) Forms 24A
- (2) Boundary Sheet No. 7, Kenedy County Map
- (3) Geographic name sheet No. 10. 1-13-50

34. CONTOURS AND DRAINAGE

Refer to paragraph 5 of field report.

A strip of approximately 800 to 1000 feet along the south edge was not contoured. This quadrangle joins a planimetric quadrangle to the south and it will therefore be necessary for the field editor to complete this survey. *Done. See item 53*

35. SHORELINE AND ALONGSHORE DETAILS

Refer to paragraph 7 of field report.

36. OFFSHORE DETAILS

Not applicable

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

One form 524 is submitted with this report. ~~This information is noted in paragraph 49.~~ *Topo. sta.: BM 11 (USE) 1950. Filed in Div. Photogr. general files.*

39. JUNCTIONS

A satisfactory junction has been made with quadrangle T-9200 to the north. Junctions with T-9203 on the east and T-9204 on the south will be made when these surveys are completed. There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

Not applicable.

46. COMPARISON WITH EXISTING MAPS

A comparison with Corps of Engineers Survey Sarita, Texas, quadrangle, scale 1:125,000, surveyed in 1909 reprinted 1928 has been made.

47. COMPARISON WITH NAUTICAL CHARTS

This quadrangle does not appear on any nautical chart.

Respectfully submitted

Grover B. Torbert
Grover B. Torbert
Carto. Photo. Aid

Approved and forwarded

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

48. GEOGRAPHIC NAMES

~~On Name Standard - On Manuscript~~

- ~~— ✓ Agua Negro (Well).~~
- ~~— ✓ Escribano (Well).~~
- ~~— ✓ Los Indios Ranch.~~
- ~~— ✓ Mestena (Well).~~
- ~~— ✓ Nepal (Windmill).~~
- ~~— ✓ Palmito (Well).~~
- ~~— Palmito Ranch (Field man reports this feature completely covered by shifting sand)~~
- ~~— ✓ San Juan (Well).~~
- ~~— ✓ Santa Elena (Well).~~

~~On Name Standard - Not on Manuscript
(No definite location indicated for these features)~~

- ~~— ✓ Ramirez (Well)~~
- ~~— ✓ Marcello~~
- ~~— ✓ Telefone (Well)~~
- ~~— ✓ Toro (Well)~~
- ~~— ✓ Tio Colas (Well)~~

~~Not on Name Standard - On Manuscript
(Location and name taken from field inspection photos)~~

- ~~— ✓ Agujon (windmill) **.~~
- ~~× Burros (Windmill, aband.)~~
- ~~× ✓ Chaparral (Windmill, aband.).~~
- ~~× Commissioner Precinct I. — no shown~~
- ~~— ✓ El Chicho Ron (Humble Well).~~
- ~~— ✓ El Reparo (Well).~~
- ~~× Humble Oil Camp~~
- ~~— ✓ Noria de la Compania (Well).~~
- ~~— ✓ Palmito (Water Trough).~~
- ~~— ✓ Ramirez (Well).~~
- ~~× ✓ Salinas (Windmill, aband.).~~
- ~~— ✓ Santa Elena Trap.~~
- ~~— ✓ Sarita (Well).~~

~~** Recommended name by field inspector - present name Salina Windmill~~

Re-checked 5-29-52
L.H.

Names approved
5-28-51
a.j.w.

(Subject to Field Ed.)

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9202

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

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy MTEK
- 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) MTEK
- 7. Photo-hydro stations MTEK
- 8. Bench marks MTEK
- 9. Plotting of sextant fixes None
- 10. Photogrammetric plot report MTEK
- 11. Detail points MTEK

ALONGSHORE AREAS

(Nautical Chart Data)

- 12. Shoreline None
- 13. Low-water line None
- 14. Rocks, shoals, etc. None
- 15. Bridges None
- 16. Aids to navigation None
- 17. Landmarks None
- 18. Other alongshore physical features None
- 19. Other along-shore cultural features None

PHYSICAL FEATURES

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

CULTURAL FEATURES

- 27. Roads MTEK
- 28. Buildings MTEK
- 29. Railroads None
- 30. Other cultural features None

BOUNDARIES

- 31. Boundary lines None
- 32. Public land lines None

MISCELLANEOUS

- 33. Geographic names MTEK
- 34. Junctions MTEK
- 35. Legibility of the manuscript MTEK
- 36. Discrepancy overlay MTEK
- 37. Descriptive Report MTEK
- 38. Field inspection photographs MTEK
- 39. Forms MTEK

40. [Signature]
 Reviewer

Joseph Stumberg
 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-9202

51. Methods.--Field edit was accomplished by riding out all roads to check their classification and at the same time, questions raised by the reviewer were answered after the necessary investigation or study of the feature was made.

Deletions, additions and corrections were made on the Field Edit Sheet or the photographs. Where made on the photographs, reference to the photograph number was noted on the Discrepancy Print. Photographs used were: 48-O-1345, 1346, 1408.

52. Adequacy of compilation.--The compilation appears to be very accurate and will be adequate after application of field edit information.

53. Map accuracy.--From points used to take-off and tie-in with the planetable, the horizontal accuracy appears excellent.

Contours were tested at three places by standard planetable methods. These tests began and ended vertically at fly level points. Horizontal origin in two instances was at fence intersections and one was at a road intersection. A few changes in contours were necessary but it is believed the contours are well within accuracy requirements.

An area approximately 1,000 feet wide was contoured across the south border of the quadrangle and all contour junctions were good. This contouring was necessary as the original contouring failed to reach the southern limit.

54. Recommendations.--No recommendations are offered.

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 the Kenedy County Surveyor and an employee of the Kenedy Ranch. He has agreed to make the examination.

Geographic names.--No evidence remains of the SALINAS WINDMILL at approximate latitude $27^{\circ}06.2'$, longitude $97^{\circ}31.7'$. It is recommended the name be removed from the map manuscript.

✓ The HUMBLE OIL CAMP formerly located at approximate latitude $27^{\circ}00.7'$, longitude $97^{\circ}33.4'$ has been razed and special care taken to see that no evidence of its existence remains. It is recommended the name be removed from the map manuscript.

✓ NORIA DE LA COMPANIA is now a windmill instead of a flowing well.

Respectfully submitted,
5 January 1952
William H. Shearouse
William H. Shearouse,
Cartographer

REVIEW REPORT T-9202
Topographic Map
5 June 1952

62. Comparison with Topographic Surveys:

None.

63. Comparison with Maps of Other Agencies:

Sarita, U.S.E., 30 minute quadrangle, 1:125,000 1909

T-9202 is in Kenedy County whereas on the U.S.E. quadrangle it falls in Cameron County.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

895, 1:40,000, 1st edition, May 1952
1287, 1:80,000, latest print date 3/5/51

There are no significant differences between the map and the charts.

66. Adequacy of Results and Future Surveys:

This map complies with national map accuracy standards. It is adequate as a base for construction of nautical charts.

67. Shoreline Interpretation and Delineation:

Due to the fact that water stages in this area vary widely with meteorological conditions special methods of representing the shoreline on the map have been adopted. A complete discussion of these methods and reasons for them can be found in the correspondence attached to descriptive report T-9180 on the subject of shoreline mapping in Laguna Madre.

Shoreline on this map is restricted to small areas of storm high water line reaching in from Laguna Madre to the east.

Reviewed by:

K. N. Maki

K. N. Maki

Approved:

S. V. Griffith

Chief, Review Section
Division of Photogrammetry

W. B. Johnston

Chief, Nautical Chart Branch
Division of Charts

O. S. Reading

Chief, Div. of Photogrammetry

Carl O. Heston

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 9202

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
20 Nov 57	894	W. MacEwen	Before After Verification and Review
12 Dec 57	895	W. MacEwen	Before After Verification and Review
8/7/91	11304	L. Arpin	Before After Verification and Review SS by BP 143 754 - 759
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			Before After Verification and Review

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.