

LOCATION OF STATE MONUMENTS ON SPILLMAN ISLAND.

STATE OF TEXAS
HARRIS COUNTY,

Field notes of a survey to determine and locate State concrete monuments No. 16, No. 17 and No. 18 on the north end of Spillman Island, placed by J. T. Robison Commissioner of the General Land Office of the State of Texas.

I began at a stake on the north shore of Spillman Island at waters edge and from which a triangular beacon on Hog Island bears North $3^{\circ}47'$ West, thence north $58^{\circ}15'$ West 238.6 varas along shore line to stake from which same beacon bears North $46^{\circ}25'$ East. Thence North 78° West 540.6 varas to stake at edge of water from which a square beacon on small island west of Hog Island bears North 40° East and round beacon on McKee Peninsula bears North $14^{\circ}58'$ West, this same beacon bears North $44^{\circ}53'$ West from the first course station and the square beacon off the west end of Hog Island bears North $37^{\circ}55'$ West from the same point. An artesian well bears South $77^{\circ}53'$ West 103.1 varas distant from the second course.

I then ran along shore line of Spillman Island North $83^{\circ}30'$ West 179.2 varas, South 89° West 159.7 varas to an iron pipe 5 feet south of water, and thence North $78^{\circ}30'$ West at 147 varas pass 1 varas to right of U.S.B.M. concrete monument, water 15 foot to right in all 733 varas to stake at waters edge, and from which a circular beacon on Spillman Island bears South $62^{\circ}45'$ East 422.7 varas and a triangular beacon on Spillman Island bears South $48^{\circ}57'$ West 325.6 varas. Thence North $80^{\circ}15'$ West 258.4 varas to waters edge from which point a square beacon bears North $65^{\circ}30'$ West 161.5 varas. Thence North $49^{\circ}30'$ West 386.2 varas to stake from which the United States Triangulation Station bears North $67^{\circ}37'$ West 128.3 varas, Thence North $49^{\circ}25'$ West 229 varas to a 2 inch pipe marked 154-400R at waters edge and on end of Spillman Island and from which a 2 inch pipe across the pass between Spillman Island and Government waste bank bears North $44^{\circ}05'$ West 113.6 varas. Thence South $54^{\circ}10'$ West 114.4 varas, South $44^{\circ}05'$ West 113.6 varas. Thence South $54^{\circ}10'$ West 114.4 varas, South 39° West 100 varas, South $24^{\circ}40'$ West 163 varas, to a square beacon

I then returned to the United States triangulation Station, here I found the round beacon on McKee peninsula to bear North $87^{\circ}48'$ East, and the square beacon just west of Hog Island to bear South $83^{\circ}21'$ East.

From Said triangulation Station I ran North $40^{\circ}30'$ West 97.2 varas to State Monument No. 16, Thence South $50^{\circ}36'$ West 212.76 varas to State Monument No. 17, Thence South $86^{\circ}18'$ East 42.84 varas to State Monument No. 18.

Surveyed December 9-10-11, 1920.

Variation $8^{\circ}45'$ East

Noble Wicklund and R. Poole Chainmen:

Recorded Jan 22, 1921 after receiving instructions from Land Commissioner. Map recorded Page 7, Vol. M.

I, J. S. Boyles County Surveyor of Harris County, Texas hereby certify that the foregoing survey was made on the ground according to law and that the limits boundaries and corners, natural and artificial are truly described in the foregoing plat and field notes, and that the field notes are recorded in my office in Vol. M page 6, and the map in Vol. M page 7.

Date Jan. 22, 1921.

J. S. Boyles
County Surveyor Harris County,
Texas

1M-10-21

PHONES:

OFFICE, PRESTON 1861
RESIDENCE, CAPITOL 440

5347

GENERAL ENGINEERING
SURVEYING
ROAD WORK
DRAINAGE
DRAFTING
CONSTRUCTION

OFFICE OF
J. STUART BOYLES
COUNTY SURVEYOR
HARRIS COUNTY
TEXAS

RECEIVED

HOUSTON, TEXAS, Feb. 8-1922

Hon. J. J. Robison
Austin Tex

FEB 9 1922

Referred to Comr.

Dear Sir:

Here with map showing connections
of Hog Island monuments and Opillman
Island monuments as per your request
This is recorded in my office in vol'm page 7-
Sent as per your request
Sincerely -

J. Stuart Boyles -

Please see that this reaches
J. J. Robison personally.

counter 25481

SKETCH FILE ^{59,}

Harris County-

Showing Monuments
Placed by State on Hogg
Island and Connections
to Spilman Island

Dated Dec. 30, 1920;

PHONES:

OFFICE, PRESTON 1861
RESIDENCE, CAPITOL 440

OFFICE OF
J. STUART BOYLES
COUNTY SURVEYOR
HARRIS COUNTY
TEXAS

2896

GENERAL ENGINEERING
SURVEYING
ROAD WORK
DRAINAGE
DRAFTING
CONSTRUCTION

HOUSTON, TEXAS. Dec. 30, 1920.

Hon. J. T. Robison,
Austin, Texas.

Dear Sir and Friend:-

Am sending you herewith report of survey on Hog Island as per your request, would have rushed the matter but you advised that so long as we did the actual work on the ground you were in no rush and I as usual have been very busy and somewhat negligent in your affairs.

The report I am sending you I have not put of record as I was not quite sure of the form, and will await your advise in this matter before recording the same.

I tied in the monuments on Spillman Island to those on Hog Island and will send you map of the same in few days.

Awaiting your pleasure and wishing you and yours a most prosperous and Happy 1921, I am,

Your friend,

J. Stuart Boyles
County Surveyor Harris Co., Tex

RECEIVED

DEC 31 1920

Referred to Map

Houston, Texas, December 28, 1920.

Hon. J. T. Robinson,
Austin, Texas.

Dear Sir:-

Herewith I hand you report of survey made on Hog Island in San Jacinto Bay, lying north of the Houston Ship Channel, South of Tabbs or Goose Creek Bay, and being owned by the Humble Oil and Refining Company.

Said survey made in conjunction with the Humble Oil and Refining Company Engineer Mr. C. Woods, and under the direction of the Commissioner of the General Land Office of the State of Texas.

Beginning at a concrete monument marked on top State No. 1, and which said monument is 150 feet west of the iron pipe and iron bar located on the extreme east end of the said Hog Island as surveyed by I. Austin Miller in 1913 and by J. S. Boyles in 1916 both of the above being County Surveyors of Harris County, Texas. The shore line bears south 157.7 feet from the said Monument No. 1.

Thence South $65^{\circ}25'$ West at 200 feet the shore line is left 43 feet, at 335 feet the shore line is left 74 feet and along shore to a point 143 feet left, at 400 feet the shore line is left 179 feet, at 600 feet the shore line is 167 feet left, at 700 feet the shore line is 120 feet to the left and at 850 feet set up Concrete Monument Marked State No. 2, on the top of a shell bank, and turned angle of $55^{\circ}12'$ left to the abandoned Humble well in the Bay, the edge of shore on this course is 99 feet distant.

Thence North $80^{\circ}50'$ West at 200 feet shore line 135 to left, at 500 feet shore line 196 feet to left, at 700 feet shore line 131 feet to left at 937 feet shore line 57 feet to left, at 959 feet shore line 31 feet to left, at 1006 feet shore line 6 feet to left, at 1100 feet shore line 15 feet to left, at 1200 feet shore line 12 feet to left, at 1250 feet shore line 36 feet to left, at 1300 feet shore line 6 feet to left, at 1400 feet shore line 31 feet to left, at 1500 feet shore line 36 feet to the left, at 1575 feet set up Concrete Monument No. 3 on shell bank, the shore is 38 feet to left.

Thence North $62^{\circ}20'$ West at 100 feet shore line 40 feet to left at 200 feet shore line 27 feet to left, at 300 feet shore line 26 feet to left, at 390 feet intersect the shore line, at 425 shore line 19 feet to the right, at 449 feet intersect the shore line, at 500 feet shore line 15 feet to left, at 600 feet shore line 22 feet to left, at 700 feet shore line 34 feet to left, at 800 feet shore line 23 feet to left, at 900 feet shore line 27 feet left, at 976 feet pass a one inch pipe which is 4.9 feet to the right, at 1000 feet shore line 24 feet to left, at 1047 feet shore line 78 feet to left, at 1100 feet shore line 88 feet to left, at 1200 feet shore line 90 feet to left, at 1300 feet shore line 68 feet to left, at 1420 feet set up concrete Monument Marked State No. 4 shore line 68 feet to left. Said Monument no. 4 being on a shell bank, at or near what is called the Old Shell fort.

Thence North $70^{\circ}41'$ West 312.4 feet to Concrete Monument State No. 5, which said monument marks the agreed division line between Hog Island Proper and the spoil bank known as Mullet Island and which belongs to the State of Texas.

Thence South $56^{\circ}35'$ West 710 feet along division line between Hog Island and Mullet Island s spoil bank to Concrete Monument No. 6 on the north bank of the Houston Ship Channel.

Beginning again at Concrete Monument No. 5 a line was run North $17^{\circ}00'$ East 172.8 feet where Monument No. 7 was set up near the shore line of the pocket in the north side of Hog Island and also near the southeast corner of said pocket, from No. 7 a line was run north 34° East at 40 feet enter and at 58 feet leave a small bayou, on same course to the shore line across the edge of the pocket at 140 feet, and from No. 7 Monument a line was run North 3° West 76 feet to the shore line.

Thence from Monument No. 7 a line was run North $55^{\circ}23'$ West at 100 feet shore line 24 feet to right, at 200 feet shore line 75 feet to right at 300 feet shore line 65 feet to right, at 400 feet shore line 38 feet to right, at 500 feet shore line 20 feet to right at 520 intersect shore line, at 600 feet shore line 5 feet to left at 800 feet shore line 5 feet to left, at 800 feet shore line 30 feet to left, at 900 feet shore line 38 feet to left, at 1000 feet shore line 44 feet to left, at 1100 feet shore line 63 feet to left,

Report Survey of Hog Island. Sheet No.2

at 1200 feet shore line 95 feet to left, at 1300 feet shore line 129 feet to left, at 1400 feet shore line 130 feet to left, at 1600 feet shore line 75 feet to left, at 1788 feet set up Concrete Monument No.8 in the edge of water and marsh.

Thence North $77^{\circ}47'$ East 504.2 feet to concrete monument No.9 at No.9 shore line bears North $77^{\circ}47'$ East 50 feet, and South $41^{\circ}13'$ East 244 feet and South $35^{\circ}13'$ East 235 feet.

Thence North $67^{\circ}32'$ West at 200 feet water 255 feet to right at 400 feet water 345 feet to right, at 600 feet shore line 345 feet to right, at 800 feet shore line 262 feet to right and at 930 cross a small bayou, at 965 water shore line 100 feet to right, at 1468 feet concrete monument No.10 the water and shore line being right 254 feet,

Thence North $27^{\circ}39'$ West at 300 feet the shore line 222 feet to the right, at 500 feet the shore line 145 feet to the right, at 700 feet the shore line 125 feet to the right, at 900 feet the shore line 125 feet to the right, at 1000 feet the shore line 89 feet to right, at 1186.1 feet concrete monument No.11, water and shore line 81 feet to the right.

Thence North $50^{\circ}34'$ East at 200 feet water and shore 39 feet to the right at 400 feet shore line 62 feet to right, at 560.4 feet Concrete monument No.12.

Thence South $50^{\circ}21'$ East along shore line at 60 feet intersect shore and continue along same 1423 feet to Monument No.13.

Thence North $80^{\circ}44'$ East along shore 235 feet to Monument State No.19, at 100 shore 43 feet right, at 200 shore 35 feet right.

Thence North $36^{\circ}59'$ East at 100 shore 41 feet right, at 200 shore 13 feet right, at 238 mouth of bayou or small channel, at 315 Concrete Monument No.20. in the same course at 16 feet enter at 94 feet leave the west side of said small bayou and at 194 feet the south side of the channel between Hog Island and the Mainland.

Survey begun November 5, 1920 completed December 8, 1920.

Variation $8^{\circ}45'$ East on County Surveyor Transit.

Variation $8^{\circ}35'$ East on Humble Oil and Refining Co. Transit.

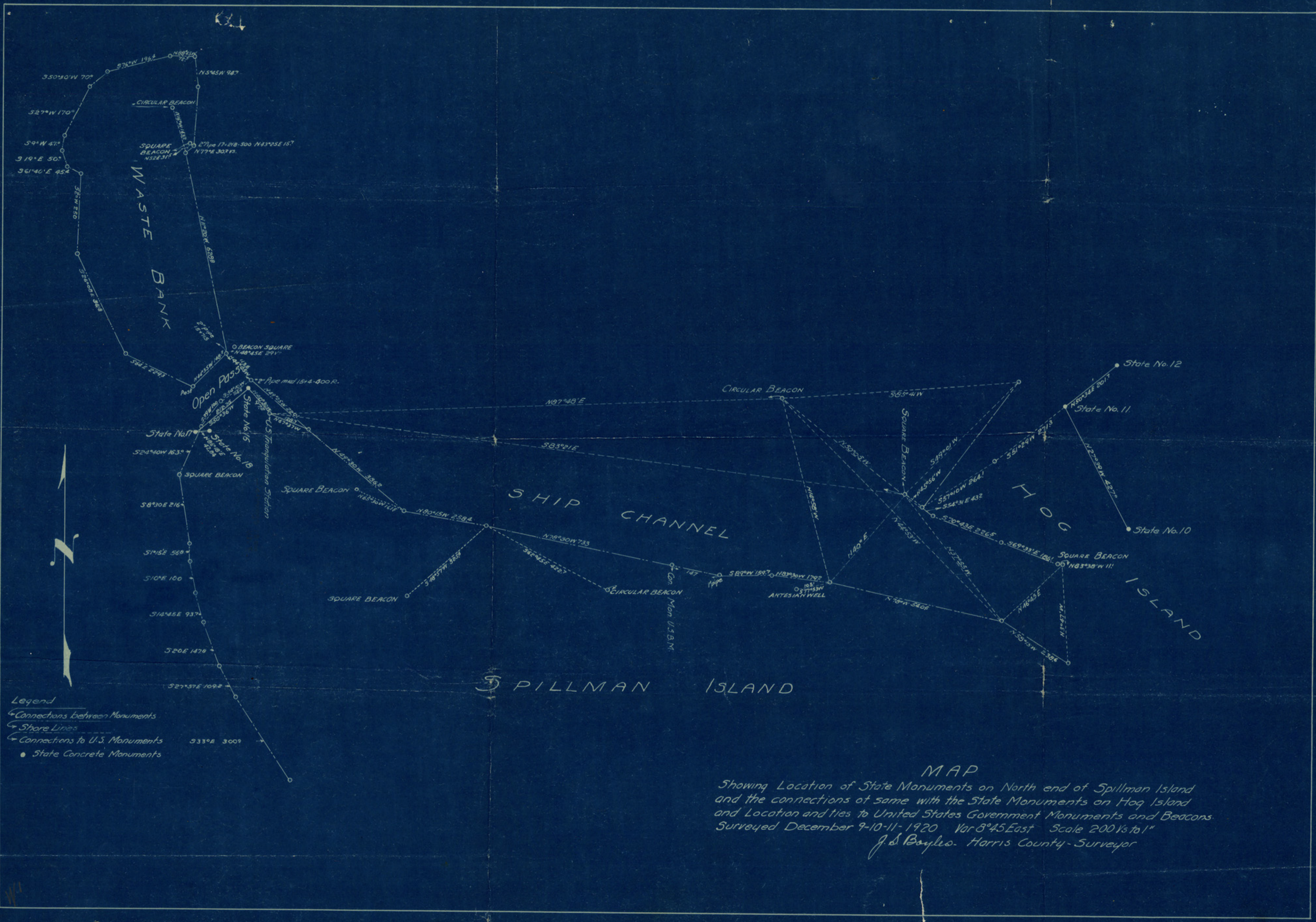
Surveyed in conjunction with the Humble Oil and Refining Company

G. Woods Surveyor for the Humble Oil and Refining Co.
Noble Wicklund and R. Poole Chainmen

I, J. S. Boyles Surveyor of Harris County, Texas do hereby certify that the foregoing survey was made on the ground according to law, and that the limits boundaries and corners, together with the marks natural and artificial are truly described in the foregoing field notes. The survey made under the direction of the Commissioner of the General Land Office in order to protect the shore line of Hog Island when additional waste is placed thereon by the dredging from the channel. Recorded in my office in Vol. "M2" Pages 1-

J. S. Boyles
County Surveyor, Harris County, Texas

December 29, 1920.



Legend
 - Connections between Monuments
 - Shore Lines
 - Connections to U.S. Monuments
 • State Concrete Monuments

MAP
 Showing Location of State Monuments on North end of Spillman Island
 and the connections of same with the State Monuments on Hog Island
 and Location and ties to United States Government Monuments and Beacons.
 Surveyed December 9-10-11-1920 Var 8°45' East Scale 200' to 1"
 J. S. Boyle, Harris County Surveyor