

A
4-679

39-6 E
Sec. 14

6529

L871

TRANSCRIPT

FIELD NOTES

OF THE SURVEY OF THE

AN ISLAND IN

KEOWOQUASOCOAGAN LAKE

IN

SECTION 14,

TOWNSHIP 39 NORTH, RANGE 6 EAST,

Of the FOURTH PRINCIPAL Meridian,

In the State of WISCONSIN.

EXECUTED BY

JOSEPH C. THOMA, U. S. CADASTRAL ENGINEER.

In the capacity of U. S. Surveyor, under Special Instructions dated MAY 4,
1923, issued by the ~~District Cadastral Engineer~~ ASSOCIATE SUPERVISOR OF SURVEYS to govern surveys included in Group
No. 24, which were approved by the Commissioner of the General Land
Office, MAY 19, 1928, and Assignment Instructions dated JUNE 1, 1928,

Survey commenced JUNE 12, 1928.

Survey completed JUNE 14, 1928.

RECEIVED & FILED #
Office of County Surveyor's Office
DATE MAY 15 1928
L871

Survey of an Island in Keowocquasocogan Lake in Sec. 14,
T. 39 N., R. 6 E., 4th P. M., Wisconsin.

Chains

Survey commenced June 12, 1928, and executed with Buff solar transit No. 16730, fully equipped and conforming to the standard instrumental specifications adopted by the General Land Office. I examine the adjustments of the transit and find them correct.

June 13, 1928: At a point for the meander cor. on the south side of Plumb Island said point being South 2.70 chs. from the meander cor. on the north shore of Plumb Island, on line between Secs. 11 and 12, T. 39 N., R. 6 E., 4th P. M., Wisconsin, in approximate latitude $45^{\circ} 52' N.$, longitude $89^{\circ} 52' W.$, I make a series of two altitude observations upon the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal deflection angle from a flag at Angle Point No. 6, on the meanders of the island to be surveyed northwest to the sun.

Mean watch time of observation 3h 40m p. m.

Mean horizontal angles (1) $75^{\circ} 30' 30''$, (2) $76^{\circ} 23'$.

Mean observed vertical angles (1) $40^{\circ} 14'$ (2) $39^{\circ} 29'$.

By 1st obsn. flag bears S. $7^{\circ} 03' 30'' W.$

By 2nd obsn. flag bears S. $7^{\circ} 02' 00'' W.$

Mean S. $7^{\circ} 02' 45'' W.$, or S. $7^{\circ} 03' W.$

All bearings in this survey were carried by transit angles from the bearing determined by the above altitude observation of the sun for azimuth.

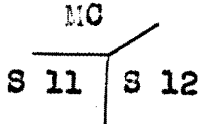
All measurements were made with a Lallie steel tape, 5 chs. in length, compared with a Luffin standard steel tape and found correct.

I proceed to the meander cor. on the north side of Plumb Island on line bet. Secs. 11 and 12, said cor. being reestablished by reference to the two original bearing trees. At the true cor. point

Survey of an Island in Keowocuasooagan Lake, in Sec. 14,
T. 39 N., R. 6 E., 4th P. M., Wisconsin.

Chains

Set a concrete monument $2\frac{1}{2}$ ft. long, 7 ins. diam.,
level with the surface, with brass tablet mkd.



T 39 N R 6 E
1928

From which the original bearing trees:

A birch, 10 ins. diam., bears S. $46\frac{1}{4}^{\circ}$ E., 31 lks.
dist. mkd. T 39 N R 6 E S 12 M O B T.

A birch, 12 ins. diam., bears S. 84° W., 80 lks.
dist. mkd. T 39 N R 6 E S 11 M O B T.

Thence

South

Over island.

2.70

Point for meander cor. on south side Plumb Island, near
the edge of a high caving sandy bank. Find no evi-
dence of the meander cor. but identify the remains
of an old decayed stump, S. 40° E., 5 lks. dist., and
a house bears N. $51\frac{1}{2}^{\circ}$ W., 77 lks. dist. This point
is too close to caving bank to establish a permanent
monument.

From this point, a point which I designate "B", on the
island bears S. $7^{\circ} 03'$ W., (65.54 chs.) dist. The
southerly end of a base line previously measured on
the mainland bears S. $20^{\circ} 05'$ E. The A. M. C. on the
island is not visible from the point on the south
shore of Plumb Island.

From the south end of measured base on the mainland
Point "B" on the island bears N. $76^{\circ} 09'$ W., (36.02
chs.). The measured base bears N. $8^{\circ} 19'$ E., 6.80
chs. dist. From the northerly end of the base, point
"B" on the island bears N. $86^{\circ} 59'$ W.

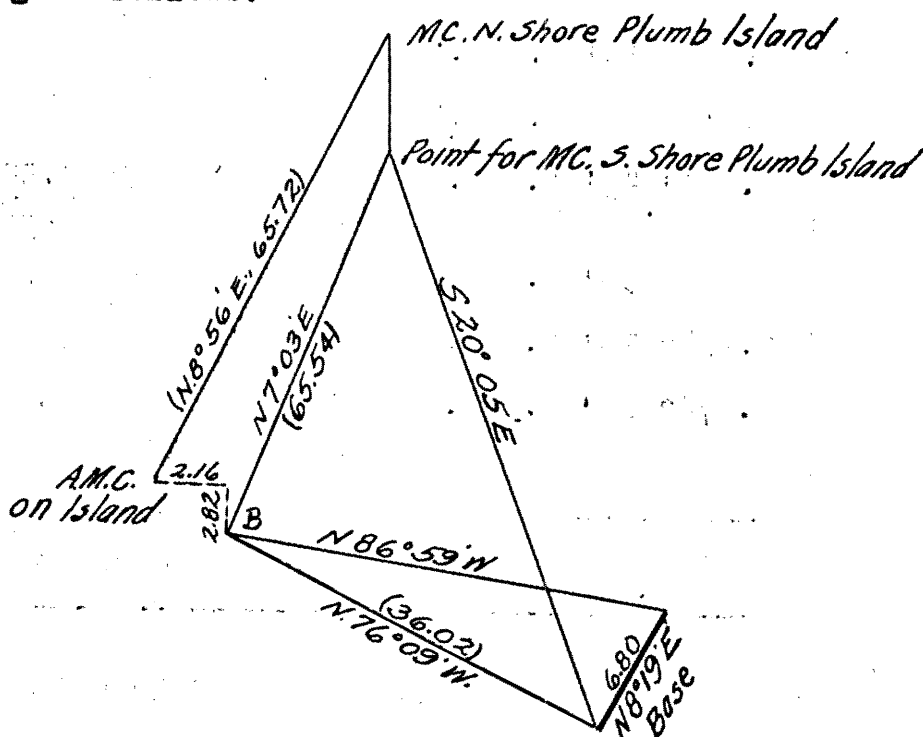
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Survey of an Island in Keowagoasooogan Lake, in Sec. 14,
T. 39 N., R. 6 E., 4th P. M., Wisconsin.

Chains

The A. M. C. on the north end of the island is 2.82
chs. north and 2.16 chs. west of point "B". There-
fore from the meander cor. of Secs. 10 and 11, on the
north shore of Plumb Island, the A. M. C. on the north
point of the island to be surveyed bears S. 8° 56' W.,
65.72 chs. dist.

The diagram follows:



At mean high water elevation on the north end of the
island,

Set a concrete monument 2½ ft. long, 7 ins. diam, top
flush with surface, for auxiliary meander cor., Sec.
14, with brass tablet mkd.

T 39 N R 6 E

AMC

S 14
1928

From which

A Norway pine, 8 ins. diam. bears S. 64¼° E., 40 lks.
dist. mkd. T 39 N R 6 E A M C S 14 B T.

A white birch, 8 ins. diam. bears S. 13¼° E., 99 lks.
dist., mkd. T 39 N R 6 E A M C S 14 B T.

General Description.

Chains

island for a number of years. He has built thereon a well arranged five room cottage, ice house, boat house and wharf, together with other necessary out buildings at an estimated cost of about \$1,000.

The water in the lake is now about two feet higher than it was originally, due to the construction of a dam across the outlet. The water is more than five feet deep at its shallowest point between the island and mainland, and the nearest mainland is about seven chains to the northwest.

The island shows no indication of mineral or oil deposits and is not used as a nesting place for birds.

(Signed) Jos. C. Thoma,

U. S. Cadastral Engineer.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Jos. C. Thoma, ~~U. S. Surveyor~~ ^{U. S. Cadastral Engineer,} ~~Associate Supervisor of Surveys,~~ hereby certify upon honor that, in pursuance of special instructions received from the ~~U. S. Surveyor General~~ ^{Associate Supervisor of Surveys,}

bearing date of the fourth day of May, 19 28, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of an Island in Keowoquasocoogan Lake in Sec. 14, T. 39 N., R. 6 E.

of the Fourth Principal Meridian, in the State of Wisconsin, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~U. S. Surveyor General~~ ^{Associate Supervisor of Surveys,} and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at Washington, D. C. (Signed) Jos. C. Thoma, ~~U. S. Surveyor~~ ^{U. S. Cadastral Engineer.} this sixth day of December, 1928.

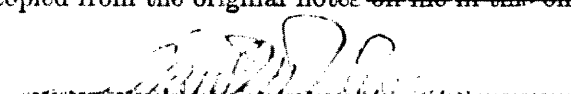
APPROVAL.
Office of U. S. Supervisor of Surveys,
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~
Denver, Colorado, March 14, 19 29.

The foregoing field notes of the survey of an Island in Keowoquasocoogan Lake in Sec. 14, T. 39 N., R. 6 E. of the Fourth Principal Meridian, in the State of Wisconsin,

executed by Jos. C. Thoma, U. S. Cadastral Engineer, under his special instructions dated May 4, 19 28, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


U. S. Supervisor of Surveys ~~U. S. Surveyor General.~~

I certify that the foregoing transcript of the field notes of the above-described surveys in Group 24, Wisconsin, has been correctly copied from the original notes ~~on file in this office.~~


U. S. Supervisor of Surveys ~~U. S. Surveyor General.~~