

DUPLICATE

9801

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

RECEIVED & FILED # L365  
Oneida County Surveyor's Office  
Date.. FEB. 14 1986  
By.. M.J.H.  
OCS Area #.....

# FIELD NOTES

OF

THE EXTENSION SURVEY OF LANDS IN

SECTION 13,

TOWNSHIP No. 38 NORTH, RANGE No. 11 EAST,

Of the FOURTH PRINCIPAL Meridian,

In the State of WISCONSIN

EXECUTED BY

HAL D. CRAIG,

ASSOCIATE CADASTRAL ENGINEER,

supplemental  
Under special instructions dated May 25, 1943, which provided  
for the surveys included under Group No. 51, bearing the approval of the  
Commissioner of the General Land Office under date of May 29, 1943,  
and assignment instructions dated May 28, 1943.

Survey commenced Sept. 25, 1943.

Survey completed Sept. 29, 1943.

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

The north, south, and west boundaries of T. 38 N., R. 11 E., were originally surveyed by H.C. Fellows, Deputy Surveyor, in 1859; the east boundary was surveyed by Alfred Millard, Deputy Surveyor in 1858, and the township was subdivided by William E. Daugherty, Deputy Surveyor, in 1859, plat of which was approved December 20, 1859.

The township falls within the boundaries of the Nicolet National Forest. A dependent resurvey of the township was executed under the direction of the General Land Office in 1941. In connection with the dependent resurvey it was found that the recorded meander line of a lake in sections 13 and 24 as represented on the original township plat, was meandered with reasonable accuracy through section 24, but was grossly erroneous through section 13, where a considerable area of both swamp and upland had been included in the area shown as lake upon the original township plat.

The lands thus omitted from the original subdivisional survey of the township have the status of public lands of the United States, and were authorized for survey as such by General Land Office memorandum 1858603 "E", dated May 21, 1943.

Meander corners on the line of secs. 13 and 24, were established on both the east and west shores of the lake in connection with the dependent resurvey of the township in 1941. The lake is locally known as Elm Lake.

The following field notes are those of the establishment of the recorded original meander line of Elm Lake, through sec. 13, together with <sup>meanders of</sup> the actual shore line of the lake, through sec. 13, in order to define the extent of the public land areas through that section.

The survey was commenced on September 25, 1943, and was executed with a light mountain solar transit made by Buff and Buff, serial No. 9985; for description and test of instrument, see field notes of the Extension Survey of Lands in Secs. 15, 22, 26, and 33, T. 40 N., R. 12 E., 4th Prin. Mer., Wisconsin, survey of which was executed in August and September, 1943.

The directions of all lines herein reported were determined by the solar method or were deflected from lines thus determined. The measurements were made with a Lallie steel tape 5.00 chs. in length, graduated every link for the first 100 links and the remainder at intervals of 10 links. The tape was tested by comparison with a Lufkin standard tape and found correct.

The measurements were made on the slopes and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field note record.

The instrument was kept in good adjustment and given frequent tests on the meridian throughout the progress of the survey, and the arcs of the solar attachment were tested daily, weather permitting. The magnetic declination was not determined.

Preliminary to the reestablishment of the original record meander line of the lake in sec. 13, of the township, the latitudes and departures of the recorded

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

Chains

meander courses were calculated and adjusted to a closing with the restored section boundaries, distributing the closing error along the several courses in proportion to the length of each course, adopting new courses to the nearest minute and lengths to the nearest link. A similar distribution was made of the small closing error of the present survey, with resulting lines on the ground as hereinafter described.

Establishment of the Recorded Meander  
Line of Elm Lake, Section 13, as a  
Fixed and Limiting Boundary.

The meander corner of secs. 13 and 24, on the west shore of Elm Lake, as established by proportional measurement during the dependent resurvey of the township in 1941, falls in shallow water and the corner was marked as a witness corner N. 87° 54' W., 86 lks. dist. from the true point for corner. The witness meander corner is a concrete monument, 6 ins. diam., with an iron post encased therein, with brass cap mkd.; set, and witnessed as described in the official record of the 1941 survey.

I commence at the true point for the meander corner described above; thence with the adjusted record meander courses through sec. 13.

N. 53° 43' W., 6.95 chs.

Over swamp land along the shore of Elm Lake.

- 1.80 The swamp bears to the north; enter level land which is about three feet higher than the swamp; thence through maple, pine, and birch timber.
- 4.70 Leave timber, bears N. and S.; thence over open grassy land.
- 6.95 Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam., 20 ins. in the ground, for angle point 1, sec. 13, with an iron post, 22 ins. long, 1 in. diam., encased therein with brass cap mkd.

T 38 N  
R 11 E A P 1  
S 13

1943

from which,

A maple, 11 ins. diam., bears N. 47° E.,  
94 lks. dist., mkd. A P 1 S 13 B T.

A maple, 16 ins. diam., bears S. 50° E.,  
247 lks. dist., mkd. A P 1 S 13 B T.

Thence

N. 38° 31' W., 4.45 chs.

- 4.45 Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam., 20 ins. in the ground, for angle point 2, sec. 13, with an iron post 22 ins. long, 1 in. diam., encased therein with brass cap mkd.

L365

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

Chains

T 38 N  
R 11 E \ A P 2  
S 13

1943

from which,

A maple, 16 ins. diam., bears N. 52° E.,  
147 lks. dist., mkd. A P 2 S 13 B T.

A willow, 3 ins. diam., bears S. 36° 45' W.,  
30½ lks. dist., mkd. B T only.

Thence

N. 24° 16' W., 3.46 chs.

2.80

A creek 10 lks. wide, 6 ins. deep, which is the  
outlet of Elm Lake, course S. 65° W.

3.46

Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam.,  
18 ins. in the ground, for angle point 3, sec. 13,  
with an iron post, 32 ins. long, 1 in. diam.,  
encased therein, with brass cap mkd.

T 38 N  
R 11 E \ A P 3  
S 13

1943

from which,

A maple, 14 ins. diam., bears S. 48° E.,  
189 lks. dist., mkd. A P 3 S 13 B T.

An elm, 14 ins. diam., bears N. 21° W.,  
238 lks. dist., mkd. A P 3 S 13 B T.

Thence

N. 79° 09' E., 7.88 chs.

3.00

Enter gently rolling land, bears NE. and SW.; thence  
through young poplar, birch, and maple timber.

7.88

Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam.,  
20 ins. in the ground, for angle point 4, sec. 13,  
with an iron post 2 ft. long, 1 in. diam., encased  
therein, with brass cap mkd.

T 38 N  
R 11 E \ A P 4  
S 13

1943

from which,

A poplar, 7 ins. diam., bears S. 86¼° E.,  
56½ lks. dist., mkd. on bark, A P 4 S 13 B T.

A poplar, 6 ins. diam., bears N. 72° 45' W.,  
28 lks. dist., mkd. A P 4 S 13 B T.

Thence

N. 15° 13' E., 13.79 chs.

43 65

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

Chains  
7.70

Enter swamp, bears E. and W., thence through heavy tamarack, cedar, spruce, balsam, and scattering birch timber.

13.79

Adjusted position.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point 5, sec. 13, with brass cap mkd.

T 38 N  
R 11 E  
S 13

A P 5

1943

from which,

A cedar, 5 ins. diam., bears S.  $3^{\circ}45'$  E.,  
43 lks. dist., mkd. A P 5 S 13 B T.

A tamarack, 4 ins. diam., bears N.  $81^{\circ}45'$  W.,  
28 lks. dist., mkd. A P 5 S 13 B T.

Thence

N.  $34^{\circ}28'$  E., 8.39 chs.

8.39

Adjusted position.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point 6, sec. 13, with brass cap mkd.

T 38 N R 11 E  
S 13

A P 6

1943

from which,

A tamarack, 4 ins. diam., bears S.  $36^{\circ}45'$  E.,  
31 lks. dist., mkd. A P 6 S 13 B T.

A spruce, 5 ins. diam., bears N.  $91^{\circ}$  W.,  
 $29\frac{1}{2}$  lks. dist., mkd. A P 6 S 13 B T.

Thence

N.  $73^{\circ}49'$  E., 7.47 chs.

7.47

Adjusted position.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point 7, sec. 13, with brass cap mkd.

T 38 N R 11 E  
S 13

A P 7

1943

from which,

A cedar, 14 ins. diam., bears S.  $61\frac{1}{2}^{\circ}$  W.,  
 $13\frac{1}{2}$  lks. dist., mkd. A P 7 S 13 B T.

A cedar, 14 ins. diam., bears N.  $17\frac{1}{4}^{\circ}$  W.,  
6 lks. dist., mkd. A P 7 S 13 B T.

L365

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

Chains Thence

S. 85°10' E., 9.01 chs.

1.10 Leave swamp, bears N. and S.; thence over cutover pine land, which is now partly open grassland and patches of young poplar and birch.

9.01 Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam., 20 ins. in the ground, for angle point 8, sec. 13, with an iron post, 22 ins. long, 1 in. diam., encased therein, with brass cap mkd.

T 38 N R 11 E  
S 13

A P 8

1943

from which,

A white birch, 6 ins. diam., bears N. 34 $\frac{1}{4}$ ° E., 101 lks. dist., mkd. A P 8 S 13 B T.

A white birch, 7 ins. diam., bears S. 14 $\frac{1}{2}$ ° W., 35 lks. dist., mkd. A P 8 S 13 B T.

Thence

S. 59°18' E., 7.56 chs.

Enter Forest Service pine plantation; soil now sandy, with stones and large boulders in same.

7.56 Adjusted position.

Set a concrete monument, 2 ft. long, 4 ins. diam., 20 ins. in the ground, for angle point 9, sec. 13, with an iron pipe 22 ins. long, 1 in. diam., encased therein, with brass cap mkd.

T 38 N  
R 11 E  
A P 9 S 13

1943

from which,

A balsam, 11 ins. diam., bears N. 78 $\frac{1}{4}$ ° E., 57 lks. dist., mkd. A P 9 S 13 B T.

A cedar, 5 ins. diam., bears S. 12° E., 314 lks. dist., mkd. A P 9 S 13 B T.

Thence

S. 27°07' E., 13.17 chs.

9.20 Enter wet swamp, bears NE. and SW.; thence through tamarack, birch, spruce, cedar, and balsam timber, and alder and willow undergrowth.

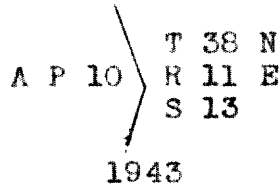
13.17 Adjusted position.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for angle point 10, sec. 13, with brass cap mkd.

L365

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

Chains



from which,

A birch, 12 ins. diam., bears S.  $4\frac{1}{4}^{\circ}$  W.,  
59 lks. dist., mkd. A P 10 S 13 B T.

A birch, 12 ins. diam., bears S.  $75^{\circ}$  W.,  
70 lks. dist., mkd. A P 10 S 13 B T.

Thence

S.  $17^{\circ}15'$  W., 27.59 chs.

Through wet swamp.

17.60

The actual north shore of Elm Lake.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins.  
in the ground for, auxiliary meander corner of sec.  
13, with brass cap mkd.



from which,

A spruce, 4 ins. diam., bears N.  $25^{\circ}45'$  W.,  
109 lks. dist., mkd. S 13 A M C B T.

A white pine, 8 ins. diam., bears N.  $52^{\circ}08'$  E.,  
453 lks. dist., mkd. S 13 A M C B T.

As an additional accessory; set a tamarack  
post, 3 ins. square, 6 ft. long, 30 ins. in  
soft bog, alongside iron post.

Thence over Elm Lake.

27.59

The meander corner of secs. 13 and 24, on the east  
shore of Elm Lake.

The meander corner is a concrete monument, 2 ft. long,  
6 ins. diam., with an iron post encased therein, with  
brass cap mkd., set, and witnessed, as described in  
the official record of the dependent resurvey executed  
in 1941.

Meanders of the Actual Shore  
of Elm Lake, Section 13.

From the meander corner of secs. 13 and 24, on the  
east shore of Elm Lake, as above described.

Thence with meanders of the actual lake shore through  
sec. 13, along swampy shore, in front of old lot 2.

N.  $45^{\circ}22'$  E., 1.57 chs.

N.  $73^{\circ}15'$  E., 2.30 chs.

L365

N.  $55^{\circ}00'$  E., 3.50 chs.

Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

N. 30° 30' E.,	2.90 chs.	
N. 47° 15' E.,	2.10 chs.	
N. 84° 15' E.,	3.40 chs.	
N. 21° 45' E.,	1.30 chs.	
N. 20° 00' W.,	1.70 chs.	
N. 85° 00' W.,	8.00 chs.	
S. 37° 45' W.,	2.52 chs.	Intersect the auxiliary meander corner on the adjusted original meander line on the north shore of Elm Lake; continue along swampy shore, in front of the public land.
S. 37° 45' W.,	0.58 chs.	
N. 58° 30' W.,	1.30 chs.	
N. 16° 45' W.,	3.80 chs.	
N. 25° 30' E.,	1.70 chs.	
N. 6° 30' E.,	1.90 chs.	
N. 40° 00' W.,	1.50 chs.	
N. 71° 00' W.,	2.40 chs.	At 20 lks. on course; the mouth of a small creek, 20 lks. wide at lake shore, enters the lake from the N.
S. 57° 00' W.,	1.50 chs.	
S. 74° 15' W.,	3.60 chs.	
N. 89° 15' W.,	1.40 chs.	
N. 81° 45' W.,	2.80 chs.	
S. 76° 00' W.,	6.40 chs.	
S. 58° 15' W.,	3.90 chs.	
S. 18° 00' W.,	2.00 chs.	At 1.50 chs. on course a creek 20 lks. wide, flows SW., out of Elm Lake.
S. 6° 00' E.,	4.60 chs.	
S. 16° 45' E.,	3.40 chs.	
S. 16° 45' W.,	2.24 chs.	The true point for the meander corner of secs. 13 and 24, on the west shore of Elm Lake, heretofore described.

General Description.

The lands included in the present survey are shown on the plat of survey as lots 8, 9, 10, and 11, section 13. Lots 8 and 9 are about 55% upland; lot 10, 75% upland, and lot 11, 55% swampland.

The surface of the land varies from rolling upland to wet swamps. A main ridge with an elevation of about 40 feet above the lake extends NE. and SW. through the tract and forms a divide between Elm and Whitefish Lakes.

L365



Extension Survey of Lands in Section 13,  
T. 38 N., R. 11 E., 4th Prin. Mer., Wisconsin.

The ridge was formerly covered with pine timber, as indicated by the remains of the stumps, but was logged off many years ago. It is now partly open grassland, with patches of young poplar, birch, and pine timber, with hazel, cherry, and sumac undergrowth. The soil on the upland is sandy or sandy clay and is generally stony with scattering large boulders over the area. The timber on the upland is generally small and has little value.

There is a tract of about 7 acres of swampland in the northwest portion of present survey and this swamp is fairly well timbered with spruce, cedar, balsam, tamarack, and birch. The main swamp extends along the shore of Elm Lake. This swamp has a width of from 5.00 to 8.00 chs. the westerly part of which is somewhat open and has little timber and the easterly part is covered with spruce, cedar, tamarack, balsam, and birch, with willow and alder undergrowth.

The shore of Elm Lake is swampy therefore the lake has little value as resort property and the shore line has not been improved. There is no settlement or improvement on any part of the newly surveyed land except the small area of newly planted pine mentioned in the notes of the reestablished meander line.

A good highway crosses the southwest corner of section 13, about 20.00 chs. distant from the west end of Elm Lake. Whitefish Lake invades the westerly part of section 13. This lake was not shown on the original township plat.

Survey completed September 29, 1943.

L365

CERTIFICATE OF SURVEYOR

I, Hal D. Craig, HEREBY CERTIFY upon honor that, in  
pursuance of <sup>supplemental</sup> special instructions bearing date of the 25th day of May, 1943,  
received from the district cadastral engineer for the Eastern Surveying Dist., with assignment  
instructions dated May 28, 1943, I have ~~surveyed~~ made an Extension  
Survey of Lands in Section 13, Township No. 38 North, Range No. 11 East,

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 said  
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Ripon, Wisconsin,  
February 28, 1945.

Hal D. Craig  
Associate Cadastral Engineer.


CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver Colo., JUN 28 1945, 1945

The foregoing field notes of the ~~survey~~ extension survey of lands in section 13,  
Township No. 38 North., Range No. 11 East., 4th Principal  
Meridian, Wisconsin,

executed by Hal D. Craig, Associate Cadastral Engineer  
<sup>supplemental</sup> under special instructions dated May 25, 1943, and assignment  
instructions dated May 28, 1943, having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
therein described, are hereby approved.

  
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in the State  
of Wisconsin, is a true copy of the original field notes filed in the General Land Office,  
on file in the public survey office.

  
Supervisor of Surveys.

L365

