



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
EASTERN STATES OFFICE
350 SOUTH PICKETT STREET
ALEXANDRIA, VIRGINIA 22304

IN REPLY
REFER TO:

9630(942)

February 1, 1989

Mr. Milo E. Stefan
5860 Musky Bay Drive
Rhineland, Wisconsin 54501

Dear Mr. Stefan:

This is in response to your letter regarding surveys located in T. 36 N., R. 8 E., Fourth Principal Meridian, Wisconsin, dated January 2, 1989.

As to why the quarter section corner of Sections 15 and 22 was never set in the original survey, it would only be speculation since it is clear from the field notes of the original survey, for whatever reason, this position was not monumented by Daugherty.

You asked why the BLM surveyor chose not to establish the quarter corner common to these two sections in the 1974 resurvey. The primary consideration when subdividing fractional sections, is to protect the representations of the original plat. Establishing a quarter corner for sections 15 and 22 equidistant from the section corners which stand on the same line, (Act of February 11, 1805), would have placed the quarter corner over 60 lks. easterly of the found M.C. Though not discernable from the plat, the field notes, (the basis for the plat), clearly indicate that the quarter corner would fall west of the meander corner. Consequently, it is the opinion of this office that the quarter corner of sections 15 and 22 should not be fixed and that the North-South Center line should be run on a bearing, that if projected to the north boundary of section 22, would intersect west of the meander corner.

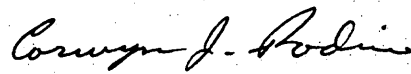
The reasons for only one monument set on the exterior of Section 22 by the BLM surveyor was that the local monumentation of the other requisite corners were judged to be of substantial size and durability. See Chapter 6-28 of the Manual of Surveying Instructions, 1973.

1356

Is it proper to place a monument at the positions used for control of Section 22 by your 1974 Dependent Resurvey was another question that you asked. In answer to this, the corners in questions are those that control lands that have passed into private ownership and the Bureau assumes no control or direction over the acts of local and county surveyors in these matters.

If we can be of any further assistance, please do not hesitate to contact our office.

Sincerely,



(Acting) Corwyn J. Rodine
Deputy State Director,
Cadastral Survey and Support Services

DUPLICATE
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

35.00

RECEIVED & FILED #	<u>L35.6</u>
Oneida County Surveyor's Office	
Date	<u>FEB. 14 1986</u>
By	<u>MJH</u>
OCS Area #

FIELD NOTES

OF THE
DEPENDENT RESURVEY
OF THE
SECTION BOUNDARIES
OF SECTION 22
AND THE
REESTABLISHMENT
OF THE
RECORD MEANDER LINES
AND THE
SURVEY OF NEW MEANDER LINES
IN
SECTION 22
TOWNSHIP 36 NORTH, RANGE 8 EAST

Of the Fourth Principal Meridian,
In the State of Wisconsin

EXECUTED BY

Ronald J. Eberle

Cadastral Surveyor

Under special instructions dated May 1, 19 74, approved May 1, 1974,

_____, which provided for the surveys included under U.S. Survey/Group
Number 100, and assignment instructions dated May 1, 19 74.

9987

Survey commenced May 6, 19 74

Survey completed June 7, 19 74

INDEX DIAGRAM

Township 36 North, Range 8 East,

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	6 22	2	23
30	29	28	2	27	26
31	32	33	34	35	36

Meander lines in Section 22, P. 7

Township 36 North, Range 8 East
Fourth Principal Meridian, Wisconsin

CHAINS

Township 36 North, Range 8 East of the Fourth Principal Meridian is located in Oneida County, Wisconsin, southwest of Rhinelander.

The east boundary was surveyed by H. C. Fellows, in July, 1859, and the north, south and west boundaries were surveyed by Alfred Millard, in September, 1860. The subdivisional and meander lines were surveyed by William E. Daugherty, in July, 1863. A portion of the north boundary and subdivisional lines were resurveyed and an extension survey made in section 2 to include lands erroneously omitted from the original survey by Hal D. Craig, in 1934. A portion of the subdivisional lines were resurveyed and an extension survey made in sections 16 and 21 to include lands erroneously omitted from the original survey by Hal D. Craig and Lester S. Mann, in 1939. A portion of the west boundary and subdivisional lines were resurveyed and an extension survey made in section 19 to include lands erroneously omitted from the original survey by Hal D. Craig and Norville E. Shearer, in 1942.

The following field notes are those of a dependent resurvey of the boundaries of section 22, and the reestablishment of the record meander lines and the survey of new meander lines to determine the extent and status of lands in section 22 omitted from the original survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 100, Wisconsin, dated May 1, 1974.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of original corners, bearing trees, and other calls of the official field note record. When duly identified, certain corner positions were remonumented and new accessories obtained. Lost corners were reestablished and monumented at proportionate positions based on the original record. The meander lines were adjusted to close upon the meander corners by the broken boundary proportion method.

The directions of all lines refer to the true meridian, having been determined by angular deflections from azimuths obtained by direct altitude observations of the sun and only the true line bearings and horizontal distances for the surveyed lines are given in these field notes.

The geographic position of the SE. corner of section 22 as scaled from the U. S. Geological Survey quadrangle map "RHINELANDER, WISCONSIN", edition of 1940, scale 1:48000 is: Latitude 45°35'04" N. and Longitude 89°28'08" W.

The mean magnetic declination was observed to be 1½° E.

All topographic and cultural calls were obtained by scaling from aerial photographs, Numbers WCD-6-171, WCD-6-172, and WCD-6-173, taken on September 7, 1951. These calls are reported in the field notes, but are not shown on the accompanying plat of survey.

L356

Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS

Reestablishment of the Survey Executed by
William E. Daugherty, Deputy Surveyor,
in 1863

Beginning at the cor. of secs. 22, 23, 26 and 27, perpetuated and recorded by Mr. Lytle, a local surveyor, in 1946, from orig. evidence no longer in existence, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 18 ins. above the ground; not remonumented; from which the remains of the bearing tree mkd. by Lytle in 1946:

A white pine stump, size indeterminate, bears N. 3° E., 55 lks. dist., with no scribe mks. visible on rotted face.

N. 4°45' W., bet. secs. 22 and 23.

Over gently rolling land, through timber and undergrowth.

39.17 Track road, 20 lks. wide, bears E. and W.

39.48 The $\frac{1}{4}$ sec. cor. of secs. 22 and 23, perpetuated and recorded by D. H. Vaughan, County Surveyor, in 1905, from orig. evidence no longer in existence, monumented with a wooden post, 4 ins. square, firmly set, projecting 5 ft. above the ground, mkd. with 2 notches near the top; not remonumented; from which the remains of the bearing tree mkd. by Vaughan in 1905:

A white pine snag, bears N. 22° W., 49 lks. dist., with no scribe mks. visible on rotted face.

N. 0°04' E., beginning new measurement.

Over gently rolling land, through timber and undergrowth.

39.63 The cor. of secs. 14, 15, 22 and 23, perpetuated and recorded by D. H. Vaughan, County Surveyor, in 1905, from orig. evidence no longer in existence, monumented with a wooden post, 4 ins. x 4 ins., firmly set, projecting 3 ft. above the ground, in a mound of stone, and a squared wooden post, severely rotted, laying on the mound of stone; not remonumented; from which the bearing tree mkd. by Vaughan in 1905:

A white pine, 18 ins. diam., bears N. 1° W., 51 lks. dist., with scribe mks. XV BT visible on opened blaze.

Land, gently rolling and nearly level upland.

Soil, sandy and gravelly clay loam.

Timber, aspen, oak, Norway and white pine, maple, birch.

Undergrowth, young timber, hazelnut brush, dogwood.

From the cor. of secs. 22, 23, 26 and 27.

N. 89°58' W., bet. secs. 22 and 27.

Over slightly rolling to nearly level upland, through spruce swamp.

21.20 Enter spruce swamp, bears SE. and NW.

L356

Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS
39.91

Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 27, at proportionate dist., there is no remaining evidence of the orig. cor.; not monumented.

From this point, an iron pipe, $1\frac{1}{2}$ ins. diam., set flush with the ground, bears S. $5^{\circ}50'$ E., 10 lks. dist.

40.70

Leave spruce swamp, enter upland.

45.80

Cross S. end of spruce swamp.

65.80

Leave upland, enter swamp.

72.20

Leave swamp, enter upland.

79.20

Blacktop road, 35 lks. wide, bears N. 55° E. and S. 40° W.

79.82

The cor. of secs. 21, 22, 27 and 28, set by Hal D. Craig and Lester S. Mann, in 1939, monumented with a concrete monument, 6 ins. diam., 6 ins. below the road surface, with brass cap in top mkd.

T36N R8E
S21|S22
S28|S27
1939

from which the bearing trees mkd. by Craig and Mann in 1939:

A red oak, 10 ins. diam., bears N. $23\text{--}3/4^{\circ}$ E., 70 lks. dist., mkd. with a healed blaze.

A red oak, 11 ins. diam., bears S. $40\frac{1}{2}^{\circ}$ W., 17 lks. dist., mkd. with a healed blaze.

This cor. falls on the South edge of a gravel road, 35 lks. wide, bearing NW., 30 lks. from the intersection of this road with a blacktop road.

Land, gently rolling to level upland and swamp lowland. Soil, sandy and gravelly clay loam in upland, swamp type soils in wet lowlands.

Timber, aspen, maple, oak, white and Norway pine, spruce, fir, tamarack, birch.

Undergrowth, young timber, hazelnut brush, swamp shrubs.

Reestablishment of the Resurvey Executed
by Hal D. Craig and Lester S. Mann,
U. S. Surveyors, in 1939

N. $1^{\circ}06'$ W., bet. secs. 21 and 22.

Over swamp land, through tamarack and spruce timber.

.15

Center line of a graded road, 35 lks. wide, bears E. and W.

1.00

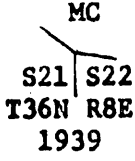

Enter tamarack and spruce swamp.

2.39

The ~~center~~ cor. of secs. 21 and 22, on the E. side of the so-called lake, set by Hal D. Craig and Lester S. Mann, in 1939, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

L356

Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	<div style="text-align: center;"> MC  S21 S22 T36N R8E 1939 </div> <p>from which the remains of the bearing trees mkd. by Craig and Mann in 1939:</p> <p>A root mass, bears S. 48-3/4° E., 18 lks. dist.</p> <p>A tamarack stump, bears S. 54° W., 12 lks. dist., with no mks. visible.</p> <p>and new bearing trees:</p> <p>A tamarack, 10 ins. diam., bears S. 27° E., 65 lks. dist., mkd. MC S22 BT.</p> <p>A tamarack, 6 ins. diam., bears N. 18° W., 32 lks. dist., mkd. MC S21 BT.</p> <hr/> <p>N. 8°02' W., beginning new measurement.</p> <p>Across swamp, then over lake.</p> <p>.40 S. shore of the lake.</p> <p>13.99 The meander cor. of secs. 21 and 22 on the N. side of the so-called lake, set by Hal D. Craig and Lester S. Mann in 1939, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> T36N R8E S21 S22  MC 1939 </div> <p>from which the remaining bearing tree mkd. by Craig and Mann in 1939:</p> <p>A tamarack, 10 ins. diam., bears N. 43½° W., 20 lks. dist., mkd. with fragmentary scribe mks. visible, on partially healed blaze.</p> <p>and a new bearing tree:</p> <p>A tamarack, 4 ins. diam., bears N. 12° E., 48 lks. dist., mkd. X BT.</p> <hr/> <p>N. 7°58' W., beginning new measurement.</p> <p>Over spruce and open swamp land, and over nearly level upland.</p> <p>1.00 Leave swamp, enter upland.</p> <p>6.60 Leave upland, enter swamp.</p> <p>22.79 The ¼ sec. cor. of secs. 21 and 22, set by Hal D. Craig and Lester S. Mann in 1939, monumented with a concrete</p>
L 3 5 6	

Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS

post, 6 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap in top mkd.

½
S21/S22
1939

from which the bearing trees mkd. by Craig and Mann in 1939:

A Norway pine, 20 ins. diam., bears N. 2¼° E., 315 lks. dist., mkd. with fragmentary scribe mks. visible on partially healed blaze.

A Norway pine, 18 ins. diam., bears N. 9¼° W., 227 lks. dist., mkd. with fragmentary scribe mks. visible on partially healed blaze.

N. 0°43' W., beginning new measurement.

Over open and spruce swamp, and over nearly level upland.

2.20 Leave swamp, enter upland.

8.30 Graded gravel road, 25 lks. wide bears E. and W.

10.30 Leave upland, enter swamp.

36.70 Leave swamp, enter upland.

41.30 The cor. of secs. 15, 16, 21 and 22, set by Hal D. Craig and Lester S. Mann in 1939, monumented with a concrete post, 6 ins. diam., firmly set, projecting 4 ins. above the ground, alongside of which is an iron pipe, 2 ins. diam., firmly set, projecting 18 ins. above the ground; the concrete post has a brass cap in top mkd.

T36N R8E
S16/S15
S21/S22
1939

The iron pipe has a 2½ ins. steel cap mkd.

T36N R8E
S16/S15
S21/S22
RIPCO

from which the bearing trees mkd. by Craig and Mann in 1939:

A Norway pine, 11 ins. diam., bears N. 26° E., 82 lks. dist., mkd. with fragmentary scribe mks. visible on partially healed blaze.

A white pine snag, 11 ins. diam., bears S. 53¼° E., 87 lks. dist., with scribe mks. T36N R8E S22 BT visible on open blaze.

A Norway pine, 10 ins. diam., bears S. 70¼° W., 72 lks. dist., mkd. with fragmentary scribe mks. visible on partially healed blaze.

A white pine, 10 ins. diam., bears N. 1-3/4° W., 48 lks. dist., mkd. with fragmentary scribe mks.

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Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	<p>visible on partially healed blaze.</p> <p>Land, nearly level upland and flat swampy wet lowland. Soil, sandy and gravelly clay loam in upland and swamp soils in wet lowlands. Timber, aspen, oak, maple, spruce, fir, tamarack, white and Norway pines, birch. Undergrowth, young timber, hazelnut brush, alder, swamp shrubs.</p> <hr/> <p style="text-align: center;">Reestablishment of the Survey Executed by William E. Daughtery, Deputy Surveyor, in 1863</p> <hr/> <p>From the cor. of secs. 14, 15, 22 and 23.</p> <p>N. 89°17' W., bet. secs. 15 and 22.</p> <p>Over gently rolling upland and open swamp.</p> <p>5.70 Blacktop road, 35 lks. wide, bears N. 35° E. and South.</p> <p>14.50 Leave upland, enter open swamp.</p> <p>22.60 Leave swamp, enter upland.</p> <p>25.20 East shore of Loon Lake, leave upland, thence over lake.</p> <p>26.07 Point for the meander cor. of secs. 15 and 22, on the E. side of the so-called lake, at proportionate dist.; there is no remaining evidence of the orig. cor., cor. point falls in the lake; not monumented.</p> <p>30.40 Point for the new meander cor. of secs. 15 and 22, on the W. shore of Loon Lake; not monumented.</p> <p>Enter open swamp.</p> <p>41.78 The meander cor. of secs. 15 and 22, on the W. side of the so-called lake, perpetuated and recorded by D. H. Vaughan, County Surveyor, in 1900, as the $\frac{1}{4}$ sec. cor. of secs. 15 and 22, from orig. evidence erroneously marked as the $\frac{1}{4}$ sec. cor. of secs. 15 and 22, no longer in existence; and further perpetuated and recorded by Mr. Lytle, a local surveyor, in 1946, as the $\frac{1}{4}$ sec. cor. of secs. 15 and 22, from the notes and evidence mkd. by Vaughan in 1900; determined at record bearing and dist. from the bearing trees mkd. by Lytle in 1946:</p> <p style="padding-left: 40px;">A white pine, 25 ins. diam., bears S. 61° W., 6 lks. dist., with scribe mks. S22 $\frac{1}{4}$ S BT visible on opened blaze.</p> <p style="padding-left: 40px;">A white pine stump, 16 ins. diam., bears N. 62° W., 29$\frac{1}{2}$ lks. dist., mkd. BT.</p> <p>At the cor. point</p> <p>Set an iron post, 2$\frac{1}{2}$ ins. diam., 30 ins. long, 23 ins. in a swamp, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T36N R8E</p> <p>S15 MC</p> <p>S22</p> <p>1974</p> </div>
L356	

Dependent Resurvey
of the Boundaries of Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	<p>from which new bearing trees:</p> <p>A white pine, 11 ins. diam., bears N. 69° W., 64 lks. dist., mkd. MC S15 BT.</p> <p>A hemlock, 12 ins. diam., bears S. 24° W., 56 lks. dist., mkd. MC S22 BT.</p> <hr/> <p>N. 89°04' W., beginning new measurement.</p> <p>Over gently rolling land, through timber and undergrowth.</p> <p>33.40 Leave upland, enter spruce swamp.</p> <p>34.60 Leave swamp, enter upland.</p> <p>40.51 The cor. of secs. 15, 16, 21 and 22.</p> <p>Land, gently rolling upland, flat swamp lowland. Soil, sandy and gravelly clay loam in upland, and swamp soils in wet lowlands. Timber, aspen, maple, oak, white and Norway pines, spruce, fir, hemlock, birch. Undergrowth, young timber, hazelnut brush, alder, swamp shrubs.</p> <hr/> <p style="text-align: center;">Reestablishment of the Record Meander Lines in Section 22 T. 36 N., R. 8 E. Fourth Principal Meridian, Wisconsin</p> <hr/> <p>The record measurements of the orig. meander lines were retraced, the residual or closing error was ascertained, and the recorded measurements were adjusted to a closing by the broken boundary method (adopting new courses to the nearest minute, and lengths to the nearest link). These meander lines are now established as a fixed and limiting boundary.</p> <p>From the meander cor. of secs. 21 and 22, on the S. side of the so-called lake.</p> <p>S. 46°03' E.</p> <p>1.10 Leave spruce and tamarack swamp, thence over upland, through timber and undergrowth.</p> <p>2.42 Adjusted position for AP 1; falls in asphalt road, 35 lks. wide, bears N. 60° E. and S. 50° W.</p> <p>Set a copper-covered steel rod, 8 ins. long, 9/16 ins. diam., 1 in. below the road surface, with a bronze cap mkd.</p> <div style="text-align: center;"> <p>BLM T36N R8E S22 AP 1 1974</p> </div> <p>from which</p> <p>A sugar maple, 15 ins. diam., bears N. 70° E., 202 lks. dist., mkd. AP 1 S22 BT.</p>

L356

Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	<p>A red oak, 14 ins. diam., bears N. 30° W., 80 lks. dist., mkd. AP 1 S22 BT.</p> <p>Thence,</p> <p>S. 87°44' E.</p> <p>2.30 Leave upland, enter swamp.</p> <p>5.72 Adjusted position for AP 2, falls in swamp.</p> <p>Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.</p> <p style="text-align: center;">BLM T36N R8E S22 <u>AP 2</u> 1974</p> <p>from which</p> <p>A white pine, 10 ins. diam., bears N. 35° E., 59 lks. dist., mkd. AP 2 S22 BT.</p> <p>A white pine, 11 ins. diam., bears N. 54° W., 27 lks. dist., mkd. AP 2 S22 BT.</p> <p>From this cor., the SE. cor. of a wooden house, approxi- mately 24 ft. x 38 ft., bears N. 43°59' W., 4.18 chs. dist.</p> <p>From this cor., the SW. cor. of a wooden garage, 24 ft. x 52 ft., bears N. 35°22' W., 4.33 chs. dist.</p> <p>Thence,</p> <p>N. 84°56' E.</p> <p>5.80 Leave swamp, enter slightly rolling upland.</p> <p>9.54 Adjusted position for AP 3, falls under an electric power line bearing E. and W.</p> <p>Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., 25 ins. in the ground, with a bronze cap mkd.</p> <p style="text-align: center;">BLM T36N R8E S22 <u>AP 3</u> 1974</p> <p>from which</p> <p>A sugar maple, 5 ins. diam., bears N. 12° E., 61 lks. dist., mkd. XBT.</p> <p>A red oak, 8 ins. diam., bears N. 88° W., 110 lks. dist., mkd. AP 3 S22 BT.</p> <p>From this cor., the SE. cor. of a wooden house, 12 ft. x 60 ft., bears N. 15°48' W., 14.01 chs. dist.</p> <p>Thence,</p>

L356

Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	N. 67°08' E.
2.60	Blacktop road, 35 lks. wide, bears E. and W.
8.40	SE. tip of spruce swamp.
13.39	Adjusted position for AP 4, falls 4 lks. N. of north edge of blacktop road, 35 lks. wide, bearing E. and W.
	Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., with top 1 in. below ground, with a bronze cap mkd.
	BLM T36N R8E S22 AP 4
	1974
	from which
	A sugar maple, 11 ins. diam., bears N. 55° W., 72 lks. dist., mkd. AP 4 S22 BT.
	A sugar maple, 10 ins. diam., bears N. 16° W., 95 lks. dist., mkd. AP 4 S22 BT.
	Thence,
	N. 55°39' E.
.10	Enter blacktop road, 35 lks. wide, bears N. 50° E. and S. 50° W.
1.50	W. edge of spruce swamp, bears NW. and SE.
5.20	Leave blacktop road, 35 lks. wide, bears N. 50° E. and S. 50° W., enter spruce swamp.
7.00	Leave swamp, enter upland.
23.04	Adjusted position for AP 5.
	Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.
	BLM T36N R8E S22 AP 5
	1974
	from which
	A fir, 12 ins. diam., bears S. 83° W., 78 lks. dist., mkd. AP 5 S22 BT.
	A white pine, 14 ins. diam., bears N. 35° W., 72 lks. dist., mkd. AP 5 S22 BT.
	Thence,
	N. 33°54' E.
16.03	Adjusted position for AP 6.

L35

Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS

Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22
AP 6

1974

from which

A white pine, 4 ins. diam., bears N. 78° W.,
18 lks. dist., mkd. X BT.

A white pine, 5 ins. diam., bears N. 19° W.,
66 lks. dist., mkd. X BT.

From this cor., the SE. cor. of a house, 26 ft. x 51 ft.,
bears N. 66°08' W., 11.75 chs. dist.

Thence,

N. 16°31' E.

9.50 Track road, bearing N. 70° E. and S. 80° W.

11.31 Adjusted position for AP 7.

Set a copper-coated steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22

AP 7

1974

from which

A sugar maple, 5 ins. diam., bears S. 68° W.,
39 lks. dist., mkd. X BT.

A sugar maple, 5 ins. diam., bears N. 63° W.,
62 lks. dist., mkd. X BT.

Thence,

N. 6°24' E.

11.89 Adjusted position for AP 8.

Set a copper-covered steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22

AP 8

1974

from which

A sugar maple, 5 ins. diam., bears S. 68° W.,
75 lks. dist., mkd. AP 8 S22 BT.

L356

Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS

A fir, 3 ins. diam., bears S. 60° W.,
46 lks. dist., mkd. X BT.

A sugar maple, 4 ins. diam., bears N. 58° W.,
78 lks. dist., mkd. X BT.

From this cor., the SE. cor. of a steel pole shed, 32 ft.
x 54 ft., bears N. 82°57' W., 8.67 chs. dist.

From this cor., the SE. cor. of a wooden house, approxi-
mately 50 ft. x 38 ft., bears N. 81°06' W., 5.31 chs.
dist.

From this cor., the SE. cor. of a wooden barn, 27.5 ft.
x 24 ft., bears N. 75°49' W., 7.68 chs. dist.

From this cor., the SE. cor. of a shed, 14 ft. x 16 ft.,
bears N. 75°32' W., 7.07 chs. dist.

Thence,

N. 13°36' W.

3.40 Blacktop road, 35 lks. wide, bears N. 35° E. and S. 35°
W.

8.08 Point selected for the witness cor. for AP 9, falls on S.
shore of present lake shore.

Set a copper-covered steel rod, 30 ins. long, 9/16 ins.
diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22
WC

AP 9

1974

from which

A Norway pine, 15 ins. diam., bears S. 11° E.,
8 lks. dist., mkd. WC AP 9 S22 BT.

A maple, 6 ins. diam., bears S. 59° W.,
30 lks. dist., mkd. WC AP 9 S22 BT.

8.13 Enter Loon Lake, bears N. 85° W. and S. 85° E.

9.06 True point for the adjusted position of AP 9, falls in
Loon Lake, not monumented.

Thence,

N. 31°20' W.

Over lake.

17.50 Point for the meander cor. of secs. 15 and 22, on the E.
side of the so-called lake.

From the meander cor. of secs. 15 and 22, on the W. side
of the so-called lake.

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Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS	
	S. 22°02' E.
4.90	Leave upland, enter open swamp.
6.08	Adjusted position for AP 10; falls in swamp with water approximately 24 ins. deep.
	Set a copper-coated steel rod, 30 ins. long, 9/16 ins. diam., driven 8 ins. into the end of a 3 in. diam., 36 ins. long wooden post, then driven down into the swamp, with the top 6 ins. above the water with a bronze cap mkd.
	<p>BLM T36N R8E S22</p> <p>AP 10</p> <p>1974</p>
	from which
	A hemlock, 20 ins. diam., bears S. 36° E., 50 lks. dist., mkd. AP 10 S22 BT.
	A hemlock, 12 ins. diam., bears S. 26° W., 47 lks. dist., mkd. AP 10 S22 BT.
	Thence,
	S. 19°05' E.
.40	Leave swamp, enter upland, gently rolling through timber and undergrowth.
2.02	Adjusted position for AP 11.
	Set a copper-coated steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with a bronze cap mkd.
	<p>BLM T36N R8E S22</p> <p>AP 11</p> <p>1974</p>
	from which
	A hemlock, 12 ins. diam., bears N. 35° E., 82 lks. dist., mkd. AP 11 S22 BT.
	A hemlock, 8 ins. diam., bears N. 88° E., 36 lks. dist., mkd. AP 11 S22 BT.
	Thence,
	S. 1°12' E.
4.50	Adjusted position for AP 12.
	Set a copper-coated steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground, with bronze cap mkd.

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Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS

BLM
T36N R8E
S22
AP 12
1974

from which

A red oak, 8 ins. diam., bears N. 30° E.,
20 lks. dist., mkd. AP 12 S22 BT.

A red oak, 10 ins. diam., bears S. 67° E.,
26 lks. dist., mkd. AP 12 S22 BT.

Thence,

S. 21°58' W.

3.45 Adjusted position for AP 13.

Set a copper-coated steel rod, 30 ins. long, 9/16 ins.
diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22
AP 13
1974

from which

A red oak, 7 ins. diam., bears S. 58° E.,
32 lks. dist., mkd. AP 13 S22 BT.

A red oak, 8 ins. diam., bears S. 3° W.,
7 lks. dist., mkd. AP 13 S22 BT.

Thence,

S. 52°40' W.

11.63 Adjusted position for AP 14.

Set a copper-coated steel rod, 30 ins. long, 9/16 ins.
diam., 24 ins. in the ground, with a bronze cap mkd.

BLM
T36N R8E
S22
AP 14
1974

from which

A red oak, 9 ins. diam., bears N. 76° E.,
36 lks. dist., mkd. AP 14 S22 BT.

A red oak, 10 ins. diam., bears S. 18° W.,
63 lks. dist., mkd. AP 14 S22 BT.

Thence,

S. 50°05' W.

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Reestablishment of the Record Meander Lines
in Section 22
T. 36 N., R. 8 E.
Fourth Principal Meridian, Wisconsin

CHAINS 6.20	Leave upland, enter open swamp.
17.00	Leave swamp, enter upland.
20.40	Graded gravel road, 25 lks. wide, bears S. 60° E. and N. 85° W.
24.74	Adjusted position for AP 15. Set a copper-coated steel rod, 30 ins. long, 9/16 ins. diam., 24 ins. in the ground with bronze cap mkd. BLM T36N R8E S22 / AP 15 1974 from which A red oak, 7 ins. diam., bears S. 74° E., 45 lks. dist., mkd. AP 15 S22 BT. A red oak, 5 ins. diam., bears S. 71° W., 32 lks. dist., mkd. XBT. Thence, S. 22°28' W. .40 Leave upland, enter spruce swamp.
18.30	Leave spruce swamp, enter open swamp.
21.50	Leave swamp, enter upland.
23.90	NW. tip of spruce swamp.
27.08	The meander cor. of secs. 21 and 22 on the N. side of the so-called lake.
<hr/> <p>Meanders of Lily Lake Section 22 T. 36 N., R. 8 E.</p> <hr/>	
<p>From the meander cor. of secs. 21 and 22 on the N. side of Lily Lake.</p> <p>With the meanders of Lily Lake in sec. 22.</p> <p>Along the edge of a well-defined bank.</p> <p>N. 59°30' E., 2.65 chs.</p> <p>N. 80°30' E., 7.65 chs.</p> <p>N. 19°30' E., 5.00 chs.</p> <p>North 4.10 chs.</p> <p>N. 29°30' E., 6.90 chs.</p> <p>N. 89°30' E., 7.30 chs.</p>	
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Meanders of Lily Lake
Section 22
T. 36 N., R. 8 E.

CHAINS

S. 31°30' E., 3.20 chs.
S. 16°00' E., 8.00 chs.
S. 34°00' E., 11.85 chs.
S. 60°30' W., 3.05 chs.
S. 86°45' W., 5.75 chs.
N. 58°30' W., 4.45 chs.
N. 21°45' W., 4.85 chs.
N. 75°00' W., 4.45 chs.
S. 51°00' W., 3.10 chs.
S. 10°30' E., 7.85 chs.
S. 50°30' W., 6.80 chs.
S. 89°00' W., 2.55 chs.
S. 48°53' W., 4.89 chs. The meander cor. of secs. 21
and 22 on the south side of
Lily Lake.

Meanders of Loon Lake
Section 22
T. 36 N., R. 8 E.

From the point for the new meander cor. of secs. 15 and
22 on the W. shore of Loon Lake.

With the meanders of Loon Lake in sec. 22.

Along the edge of a well-defined bank.

S. 26°30' W., 2.90 chs.
S. 25°00' E., 12.70 chs.
S. 35°30' E., 5.70 chs.
N. 66°02' E., 6.87 chs. The witness cor. for AP 9 on
the adjusted meander line in
section 22.

General Description

The lands involved in this examination and survey are
found in section 22, Township 36 North, Range 8 East.

The land is nearly level to gently rolling containing
upland areas and lowland areas of alder swamps, open
swamps, and spruce-tamarack bogs. The elevation ranges
from about 1580 to about 1660 feet throughout the area.

There is no channelized drainage in the area.

Sand and gravelly clay loam soils are found in the up-

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General Description

CHAINS

land areas, while peat and muskeg soils, composed entirely of organic matter upon a clay-gravel base, are found in lowland areas. These muskeg soils are poorly drained.

Vegetative types are related to topographic position. Most of the upland area is forested with red and sugar maple, paper birch, balsam fir, aspen, oak, scattered clusters of white and Norway pine, and scattered hemlock. In the understory, raspberry and blackberry briars, young timber, hazelnut brush, and native grasses are found. Black spruce and tamarack are common in pure stands in the bog sites. In the understory of the lowlands, marsh grasses and shrubs, and alders are found. In the open marsh sites, marsh grasses and shrubs, and sphagnum moss are found. Numerous decayed stumps are mute evidence that the omitted uplands were once covered with fine stands of old growth of Eastern white pine and Norway pine. Section 22 has been logged over in the past, removing the pines. As a result, there are old logging roads and skid trails crisscrossing the area, including the lands in the tract examined.

The meander lines of the original survey do not follow any contour, and in some instances cross ridges at right angles.

The following list of the omitted land is determined within the purview of the Act of September 28, 1850, regarding swamplands:

Over 50% Swamp and Overflowed
Lot Nos. 13 and 15

Over 50% Upland
Lot Nos. 8, 9, 10, 11, 12,
and 14

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CERTIFICATE OF SURVEY

(I) (~~Was~~), **Ronald J. Eberle**, , HEREBY
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the **1st** day
 of **May**, 19 **74**, (I) (~~was~~) have **made a dependent resurvey of the**
section boundaries of section 22 and the reestablishment of the record
meander lines and the survey of new meander lines in section 22,
Township 36 North, Range 8 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), (~~was~~) and under (my)
~~same~~ direction; and that said survey has been made in strict conformity with said special instruc-
 tions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in
 specific manner described in the foregoing field notes.

March 10, 1975

(Date)

/s/ **Ronald J. Eberle**

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL

Date **OCT 30 1975**

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the **dependent resurvey of the section boundaries of**
section 22 and the reestablishment of the record meander lines and the
survey of new meander lines in section 22, Township 36 North, Range 8 East,
Fourth Principal Meridian, Wisconsin

executed by **Ronald J. Eberle, Cadastral Surveyor**

having been critically examined and found correct, are hereby approved.

DEC 10 1975

(Date)

Bernard W. Hoopes
 (Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in
 T. 36 N., R. 8 E., 4th P.M., Wisconsin, is a true copy of the original field notes.

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DEC 10 1975

(Date)

Bernard W. Hoopes
 (Chief, Division of Cadastral Survey) GPO 849-626

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

[illegible]