

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE FIFTH STANDARD PARALLEL SOUTH,

NORTH BOUNDARY, TOWNSHIP 23 SOUTH, RANGE 3 WEST,

AND

DEPENDENT RESURVEY AND SUBDIVISION OF SECTION 33,

TOWNSHIP 22 SOUTH, RANGE 3 WEST

Of the WILLAMETTE Meridian,

the State of OREGON

EXECUTED BY

Harold D. Corbin, Cadastral Surveyor

Under special instructions dated March 28, 1951, which provided  
supplemental special instructions dated April 20, 1959

the surveys included under Group No. 299, approved April 12, 1951 and  
June 4, 1959

and assignment instructions dated June 10, 1959

Survey commenced July 14, 1959

Survey completed November 3, 1959

Approved July 25, 1960

INDEXED  
3078  
C. S. File No. 54/165

# INDEX DIAGRAM

Township 22 South, Range 3 West

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## T. 22 S., R. 3 W.

The west four miles of the north boundary (Fifth Standard Parallel South) and boundaries of Sections 3, 4, 5, and 6, Township 23 South, Range 3 West, were surveyed by Thomas H. Hutchinson, the date being shown as 1859 in the field notes, but as 1855 on the official plat. In 1856, Township 22 South, Range 3 West was partially subdivided by Dennis Hathorn, at which time he surveyed the boundaries of Sections 31 and 32, and remeasured the west two miles of the standard parallel, setting new corners for those sections. In 1882, James P. Currin surveyed the east two miles of the standard parallel and completed the subdivision of Township 23 South, Range 3 West, setting a closing corner for Sections 1 and 2. In 1896-7, Oscar F. Thiel resurveyed the east three miles of the standard parallel and completed the subdivision of Township 22 South, Range 3 West, setting closing corners for the sections to the north on the standard parallel, thereby causing some of the standard corners to become angle points.

The resurvey was made at the request of the Eugene District Forester for the administrative purpose of the Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein. Only lines bounding public lands are blazed.

The survey was executed with a solar transit made by W. and L. E. Gurley Co., serial number 580528, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lufkin steel tape, five chains (330 feet) in length, graduated every link. The vertical angle of each measurement was ascertained by use of a clinometer. Plumb bobs were used on both ends of the tape. Only the horizontal equivalents of the measurements made are entered in the field note record. Tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. All lines that do not form a closure were double chained to verify the distances.

The directions of lines were determined by direct solar observations.

The geographic position of the southeast corner of the township, as scaled from the Culp Creek quadrangle map, prepared by the Geological Survey, in 1955, is as follows:

Latitude 43° 36.4' N.      Longitude 122° 59.3' W.

The mean magnetic declination is 19° 30' E.

Dependent Resurvey of a Portion of the Fifth Standard Parallel South,  
N. Bdy., T. 23 S., R. 3 W., Will. Mer., Oregon  
(Restoring the 1856 survey by Dennis Hathorn, the 1859 survey by Thomas Hutchinson, the 1882 survey by James P. Currin, and the 1896 and 1897 retracement by Oscar Thiel)

The standard cor. of Tps. 22 and 23 S., Rs. 3 and 4 W., perpetuated with an aluminum pipe,  $\frac{1}{2}$  in. diam., firmly set, 12 ins. above ground, at record bearing and distance from the only remaining original bearing tree:

Dependent Resurvey of Portion of 5th Stan. Par. S., N. Bdy., T. 23 S., R. 3 W.

Chains

A fir, 59 ins. diam., bears N. 65° E., 39 lks. dist., with scribe mark S, and other illegible scribe marks visible on partially open blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T	22	S
R	4	W R 3 W
		S C
S	36	S 31
S	1	S 6
T	23	S
		1959

*posted*  
*Removal*  
*Corner*  
*Rem # 119*  
*T23-4W*

from which new bearing trees:

A madrone, 7 ins. diam., bears N. 52½° E., 72 lks. dist., mkd. T22S R3W S31 SC BT.

A chinquapin, 6 ins. diam., bears S. 29¾° E., 38 lks. dist., mkd. T23S R3W S6 SC BT.

A madrone, 6 ins. diam., bears S. 36° W., 60 lks. dist., mkd. T23S R4W S1 SC BT.

A madrone, 6 ins. diam., bears N. 82½° W., 21 lks. dist., mkd. T22S R4W S36 SC BT.

Deposit local corner marker alongside the iron post.

N. 89° 08' E., along the N. bdy. of sec. 6, marking and blazing the true line.

Descend 881 ft. over steep SE. slope, through scattering timber and dense undergrowth.

- 2.28 Dirt access road, 15 lks. wide, bears NE. and SW.
- 15.20 Dirt access road, 40 lks. wide, bears NE. curving to E. and SE. curving to S.
- 15.60 Enter logged area, edge bears N. and S.; continue along S. edge of logged area.
- 22.31 Abandoned dirt access road, 12 lks. wide, bears N. and SE.
- 39.90 The standard ¼ sec. cor. of sec. 6 only, perpetuated with an aluminum pipe, ½ in. diam., 24 ins. above ground, firmly set, at record bearing and distance from the only remaining original bearing tree:

A cedar, 50 ins. diam., bears S. 72° E., 89 lks. dist., with scribe marks BT visible on partially open blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

S	C
¼	S 6
T	23 S R 3 W
	1959

from which new bearing trees:

## Dependent Resurvey of Portion of 5th Stan. Par. S., N. Bdy., T. 23 S., R. 3 W.

## Chains

A cedar, 13 ins. diam., bears S. 75° E., 12 lks. dist.,  
mkd.  $\frac{1}{4}$  S6 SC BT.

A cedar, 8 ins. diam., bears S. 75° W., 17 lks. dist.,  
mkd.  $\frac{1}{4}$  S6 SC BT.

Deposit local corner marker alongside the iron post.

N. 88° 22' E., beginning new measurement.

Descend 42 ft. over SE. slope, through heavy timber and dense undergrowth, along S. edge of logged area.

1.38 Hambrick Creek, 10 lks. wide, course N. 70° E.; asc. 5 ft. over N. slope.

2.80 The  $\frac{1}{4}$  sec. cor. of sec. 31 only, S. bdy., T. 22 S., R. 3 W., perpetuated and recorded in 1905 and 1950, monumented with an iron pipe, 1 in. diam., firmly set, 4 ins. above ground, at record bearing and distance from the remains of the original bearing trees:

A sawed cedar stump, 53 ins. diam., bears N. 35° E., 30 lks. dist., with axe marks visible on rotted blaze.

A sawed fir stump, 75 ins. diam., bears South, 14 lks. dist., with a healed blaze.

and County Surveyor's bearing trees:

A cedar snag, 30 ins. diam., bears S. 83° E., 63 lks. dist., with a rotted blaze.

A sawed fir stump, 22 ins. diam., bears S. 51° W., 52 lks. dist., with a healed blaze.

At the corner point

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 S R 3 W  
 $\frac{1}{4}$  S 31  
1959

from which

An alder, 8 ins. diam., bears N. 21° E., 60 lks. dist.,  
mkd.  $\frac{1}{4}$  S31 BT.

An alder, 13 ins. diam., bears N. 48° W., 34 lks. dist.,  
mkd.  $\frac{1}{4}$  S31 BT.

Deposit local corner marker alongside the iron post.

S. 89° 33' E., beginning new measurement.

Ascend 58 ft. over W. slope, through heavy timber and dense undergrowth.

3.99 Spur, slopes N.; desc. 62 ft. over NE. slope.

8.38 Creek, 2 lks. wide, course N. 10° E.; asc. 2 ft. over NW. slope.

9.50 Spur, slopes NE.; desc. 102 ft. over NE. slope.

19.90 Creek, 3 lks. wide, course NE.; asc. 8 ft. over NW. slope.

20.04 Point for the E. 1/16 sec. cor. of sec. 31 only, S. bdy., T. 22 S., R. 3 W.

Dependent Resurvey of Portion of 5th Stan. Par. S., N. Bdy., T. 23 S., R. 3 W.

Chains Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

E 1/16 S 31  
1959

from which

A hemlock, 8 ins. diam., bears N.  $66\frac{1}{4}^\circ$  E., 20 lks. dist., mkd. E 1/16 S31 BT.

A hemlock, 10 ins. diam., bears N.  $64\frac{1}{2}^\circ$  W., 5 lks. dist., mkd. E 1/16 S31 BT.

Ascend 47 ft. over NW. slope.

21.52 Top of ascent, slopes N.; desc. 75 ft. over NE. slope.

24.40 Intermittent creek, 2 lks. wide, course NE.; asc. 29 ft. over NE. slope.

27.64 Top of ascent, slopes N.; desc. 39 ft. over NE. slope.

30.77 Ravine, drains N.; asc. 65 ft. along N. slope.

34.78 Ridge, bears N. and S.; desc. 24 ft. over E. slope.

36.12 Ravine, drains N.  $10^\circ$  E.; asc. 18 ft. over NW. slope.

37.49 The standard cor. of secs. 5 and 6 only, perpetuated and recorded by Harvey Taylor, County Surveyor, in 1905, from the original bearing trees, which are no longer in existence, remonumented and recorded in 1953 with an iron pipe, 2 ins. diam., firmly set, 1 in. above ground, from which the County Surveyor's 1905 bearing trees:

A sawed fir stump, 28 ins. diam., bears N.  $73^\circ$  E., 78 lks. dist.

A fir, 26 ins. diam., bears S.  $55^\circ$  W., 54 lks. dist., with scribe mark S and other illegible scribe marks visible on partially opened blaze.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S 6	S 5
T 23 S	R 3 W
S C	
1959	

from which

A fir, 11 ins. diam., bears S.  $57\frac{1}{4}^\circ$  E., 111 lks. dist., mkd. T23S R3W S5 SC BT.

A chinquapin, 6 ins. diam., bears S.  $62\frac{1}{2}^\circ$  W., 39 lks. dist., mkd. T23S R3W S6 SC BT.

Deposit local corner marker alongside iron post.

Land, rolling hills.

Soil, clay loam.

Timber, fir, cedar and hemlock; undergrowth, vine maple, salal and hazel.

East, along the N. bdy. of sec. 5.

Ascend 54 ft. over NW. slope, through scattering timber and dense undergrowth.