

Form 9180-6
(April 1965)
(formerly 4-679)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF A

DEPENDENT RESURVEY OF

A PORTION OF THE WEST BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 5 NORTH, RANGE 27 EAST,

Of the WILLAMETTE Meridian,

In the State of OREGON.

EXECUTED BY

Frank A. Tuers, Cadastral Surveyor

Under special instructions dated April 11, 19 75, which provided for the surveys
included under Group Number 864, approved April 11, 1975,
and assignment instructions dated April 14, 19 75.

Survey commenced April 14, 19 75

Survey completed September 12, 19 75

INDEX DIAGRAM

Township 5 North, Range 27 East,

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T. 5 N., R. 27 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of a dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines of T. 5 N., R. 27 E., Willamette Meridian, Oregon.

The history of prior surveys in T. 5 N., R. 27 E., which pertain to this dependent resurvey is as follows:

The east and west boundaries and subdivisional lines south of the Columbia River were surveyed and the left bank of Columbia River was meandered by Timothy W. Davenport in 1861, as shown on the township plat approved December 7, 1861. A portion of the west boundary was resurveyed by Joseph A. Ganong in 1915, as shown on the township plat of T. 5 N., R. 26 E., approved October 7, 1916.

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 No. 864, Oregon, dated April 11, 1975.

The directions of all lines were determined by the solar transit and refer to the true meridian. The lines were carried by transit method and bearings confirmed by succeeding a.m. and p.m. altitude observations on the sun. Certain random lines were measured with a Cubitape Model DM-60, electronic measuring instrument. All lines not forming a closure were chained twice.

In initiating the resurvey, retracements of the previous surveys were performed and a diligent search was made to identify evidence of all previously established corner monuments. Identified corners were remonumented in their original positions. Points which have long been locally recognized and used as corner positions were authenticated and accepted. Lost corners were reestablished by the rules of proportionate measurement, or by a combination of all mathematical and topographic factors which, considered in the aggregate, are the best available evidence of the original corner position. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position of the corner of sections 20, 21, 28, and 29, calculated from Lambert State Plane Coordinates, Oregon North Zone, determined from field ties by the U.S. Corps of Engineers, is:

Latitude: 45° 53' 38" N. Longitude: 119° 27' 06" W.

The mean magnetic declination is 20° 30' E.

Dependent Resurvey of a Portion of the W. Bdy.,
T. 5 N., R. 27 E., Willamette Meridian, Oregon

(Restoring the survey executed by Timothy W. Davenport
in 1861)

Beginning at the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., monumented with a steel spike, ½ in. diam., firmly set flush with the surface of an asphalt road. This spike was set by the U.S. Corps of Engineers, directly over the original "GLO Marker", as reported on a form entitled "CADASTRAL RETRACEMENT RECORD" dated August 31, 1959. This position is harmoniously related to the record, is locally recognized, and is accepted as the best available evidence of the original cor. position.

Dependent Resurvey, Portion, W. Bdy.,
T. 5 N., R. 27 E., Willamette Meridian, Oregon

CHAINS

from which

A locust, 13 ins. diam., bears N. $82\frac{1}{4}^{\circ}$ E., 38 lks. dist., to base.

A forked locust, 18 ins. diam., bears S. 49° E., 44 lks. dist. to base.

An iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 21 ins. in the ground, for a reference monument, bears S. $45^{\circ} 30'$ W., 42.6 lks. dist., with brass cap mkd. T5N R26E RM S25 28.1 FT. TO COR. 1975 and an arrow pointing to the cor. Set a steel fence post, $5\frac{1}{2}$ ft. long, 2 ft. in the ground, alongside the iron post.

An oak, 17 ins. diam., bears N. $33\frac{3}{4}^{\circ}$ W., 54 lks. dist. to base.

Add the marks COR to steel spike.

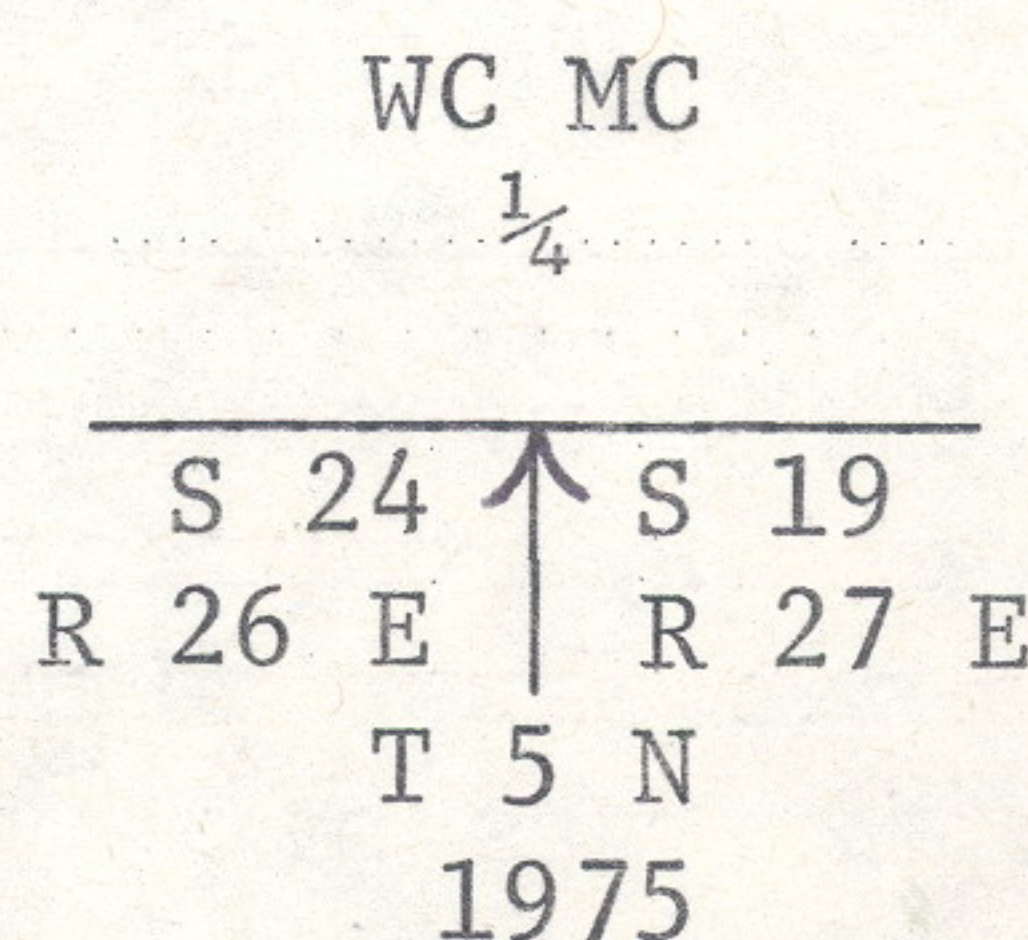
This cor. is located in the center line of an asphalt surfaced road, 30 lks. wide, bears N. and S.

N. $0^{\circ} 08'$ W., bet. secs. 19 and 24.

Over nearly level land along asphalt surfaced road.

- 7.50 Center line of U.S. Highway No. 730, asphalt surfaced, 70 lks. wide, bears N. 70° E. and S. 70° W.
- 8.50 Highway right-of-way fence, barbed wire, 4 strand, bears same.
- 9.30 Center line of Union Pacific Railroad tracks, bears same.
- 11.30 Asphalt surfaced road, 35 lks. wide, bears same.
- 11.75 Irrigation ditch, 5 lks. wide, drains S. 70° W.
- 20.00 Asphalt surfaced road, 35 lks. wide, bears E. and W.
- 30.00 Asphalt surfaced road, 35 lks. wide, bears same.
- 30.43 An iron rebar, $\frac{1}{2}$ in. diam., firmly set, protruding 8 ins. above ground. This monument was established for the town of Irrigon, as a point on the right-of-way of Washington Street and bet. secs. 19 and 24 by H. Payne, Land Surveyor. This survey is not recorded, but the rebar is locally recognized as being on the sec. line and is hereby accepted as the best available evidence for the longitudinal location of the section line.
- 39.72 Point selected for the witness cor. to the $\frac{1}{4}$ sec. cor. identical with the meander cor. of secs. 19 and 24.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 21 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.



Set a steel fence post, $5\frac{1}{2}$ ft. long, 2 ft. in the ground, alongside the iron post.

Dependent Resurvey, Portion, W. Bdy.,
T. 5 N., R. 27 E., Willamette Mer., Oregon

CHAINS									
39.85	Left bank of Lake Umatilla, a reservoir on the Columbia River, bears E. and W.								
40.00	Point for the $\frac{1}{4}$ sec. cor., identical with the meander cor. of secs. 19 and 24, at record distance, falls in river. No monument recovered.								
Dependent Resurvey of a Portion of the Subdivisional Lines, T. 5 N., R. 27 E., Willamette Meridian, Oregon									
(Restoring the survey executed by Timothy W. Davenport in 1861)									
From the cor. of secs. 20, 21, 28, and 29, monumented with a concrete post, 8 ins. diam., firmly set, 18 ins. below ground, with nail in the center, found an iron pipe, 1 in. diam., mkd. 8527 S on top of ground. This position is harmoniously related with other corners in the area, was accepted by the U.S. Corps of Engineers in 1961, has long been recognized as the cor. and is accepted as the best available evidence of the original cor. position.									
At the corner point									
Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, on top of concrete post, with brass cap mkd.									
<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 5 N</td> <td>R 27 E</td> </tr> <tr> <td>S 20</td> <td>S 21</td> </tr> <tr> <td>S 29</td> <td>S 28</td> </tr> <tr> <td colspan="2" style="text-align: center;">1975</td> </tr> </table>		T 5 N	R 27 E	S 20	S 21	S 29	S 28	1975	
T 5 N	R 27 E								
S 20	S 21								
S 29	S 28								
1975									
Deposit iron pipe inside and set a steel fence post, $5\frac{1}{2}$ ft. long, 2 ft. in the ground, alongside iron post.									
This cor. is located 2 lks. W. of a cor. of woven and barbed wire fences, extending S. and W.									
North, bet. secs. 20 and 21.									
Desc. over NW. slope across pasture land.									
6.30	West Extension Irrigation Canal, 75 lks. wide, drains S. 60° W.								
6.80	Dirt road, 15 lks. wide, bears N. 60° E. and S. 60° W.								
40.03	Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21, at proportionate distance; there is no remaining evidence of the original cor.								
Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. below the ground, with brass cap mkd.									
<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 5 N</td> <td>R 27 E</td> </tr> <tr> <td>S 20</td> <td>S 21</td> </tr> <tr> <td colspan="2" style="text-align: center;">$\frac{1}{4}$</td> </tr> <tr> <td colspan="2" style="text-align: center;">1975</td> </tr> </table>		T 5 N	R 27 E	S 20	S 21	$\frac{1}{4}$		1975	
T 5 N	R 27 E								
S 20	S 21								
$\frac{1}{4}$									
1975									
from which									
An iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 21 ins. in the ground, for a reference monument, bears N. $14^\circ 57'$ E., 1.673 chs. dist., with brass cap mkd. T5N R27E RM S21 110.4 FT. TO COR. 1975 and an arrow pointing to the cor.									

CERTIFICATE OF SURVEY

(I) ~~(We)~~, Frank A. Tuers, Cadastral Surveyor, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 11th day of April, 1975, (I) ~~(We)~~ have dependently resurveyed a portion of the west boundary and a portion of the subdivisional lines of Township 5 North, Range 27 East,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by (me), ~~(us)~~ and under (my) ~~(our)~~ direction; and that said survey has been made in strict conformity with said special instructions, 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.

9/9/76 (Date) Frank A. Tuers (Cadastral Surveyor)

(Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines of Township 5 North, Range 27 East, Willamette Meridian, Oregon,

executed by Frank A. Tuers, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

OCT 04 1977 (Date) Acting (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. 5 N., R. 27 E., Willam. Mer., Oregon, is a true copy of the original field notes.

(Date) (Chief, Division of Cadastral Survey) GPO 849-626