

Form 4-679
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY OF NORTH SPIT,

SECTION 1, TOWNSHIP 5 SOUTH, RANGE 11 WEST,

INCLUDING

MEANDER LINES OF NESTUCCA BAY AND THE PACIFIC OCEAN:

DEPENDENT RESURVEY OF

THE SOUTH BOUNDARY OF TOWNSHIP 4 SOUTH, RANGE 11 WEST,

AND

NECESSARY RETRACEMENTS OF PORTIONS OF BOUNDARIES OF ADJOINING TOWNSHIPS,

Pages 1-6 also pertain to Bk 3 Pgs 36 + 40

Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

Norman A. Newton, Cadastral Surveyor

Under special instructions dated September 24, 19 62, which provided for the surveys
included under Group Number 489, approved September 25, 1962
and assignment instructions dated October 23, 19 62

Survey commenced October 30, 19 62

Survey completed November 16, 19 62

BOOK 3

INDEX DIAGRAM

Township 5 SOUTH, Range 11 WEST

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31	32	33	34	35	36

UNITED STATES
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FIELD NOTE PAPER

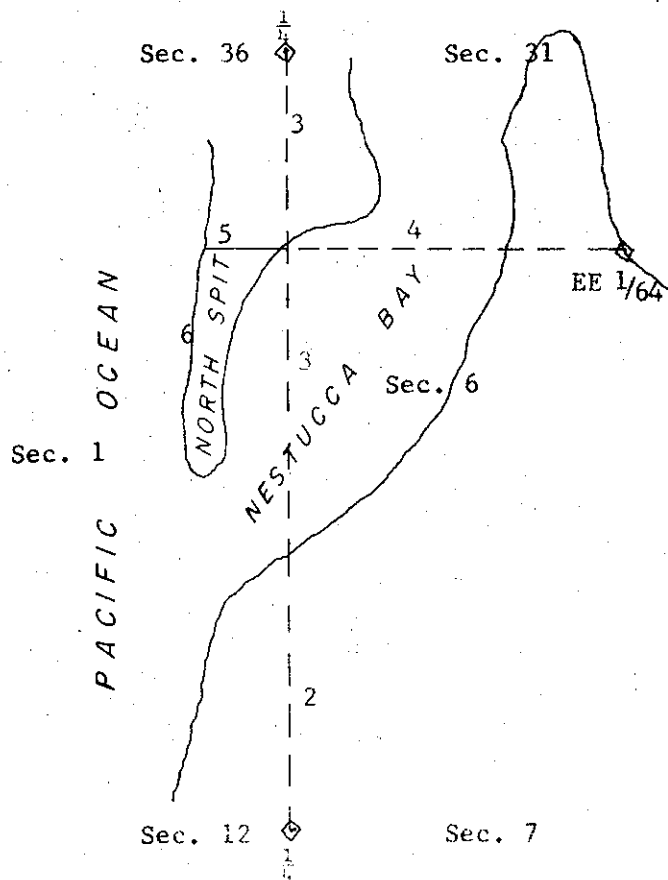
CHAINS

INDEX DIAGRAM

T. 4 S.

R. 11 W.

R. 10 W.



T. 5 S.

UNITED STATES
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FIELD NOTE PAPER

CHAINS

T. 5 S., R. 11 W.

The history of surveys of townships 4 and 5 south, range 10 and 11 west, Willemette Meridian, Oregon, in the portions covered by the retracement and resurvey, is as follows:

The range line between ranges 10 and 11 west in townships 4 and 5 south was surveyed by John W. Meldrum in 1872, again partially surveyed by Henry Meldrum in 1879, and finally retraced and partially resurveyed by Lincoln E. Wilkes in 1922 and 1924.

The township line between townships 4 and 5 south in range 10 west was surveyed by John W. Meldrum in 1872, and retraced by Lincoln E. Wilkes in 1922 and 1924.

The south boundary of township 4 south, range 11 west, was surveyed by Lincoln E. Wilkes in 1924.

The survey was made at the request of the Chief, Division of Lands and Minerals, Oregon State Office, Bureau of Land Management, in order that the land on North Spit in section 1 of township 5 south, range 11 west, may be patented and sold to the State of Oregon under the Recreation and Public Purposes Act.

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 rehabilitated or re-monumented in their original positions. The corner of townships 4 and 5 south, ranges 10 and 11 west, is reestablished at proportionate distance in latitude and record distance in departure based on the original record.

The survey was executed with a transit made by Buff and Buff, serial number 19421, and a solar compass made by Young and Sons, serial number 8457, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the survey. Measurements were made on the slope with a Kauffel and Esser steel tape, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at intervals of ten links. Plumb bobs were used on both ends of the tape and the vertical angle of each measurement was ascertained by the use of two clinometers in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was checked by comparison with a standard steel tape, one chain (66 feet) in length, and found to be correct. All lines not involved in a closure were double chained to verify the distance.

The directions of lines were determined by the solar compass method and by deflection angles from a direct solar observation.

The geographic position of the corner of townships 4 and 5 south, ranges 10 and 11 west, as computed from a tie to United States Coast and Geodetic Survey triangulation station BOZLEY 1927, is as follows:

Latitude 45° 10' 25.42" N. Longitude 123° 57' 53.95" W.

The mean magnetic declination is 20° 07' E.

CERTIFICATE OF SURVEY

I, **Norman A. Newton**, HEREBY CERTIFY upon honor that,
 in pursuance of special instructions bearing date of the **24th** day of **September**, 19 **62**,
 I have **surveyed North Spit, in section 1, township 5 south, range 11 west,**
including the meander lines of Nestucca Bay and the Pacific Ocean;
dependently resurveyed the south boundary of township 4 south, range
11 west; and retraced a portion of the boundaries of adjoining
townships,
 of the **Willamette** Meridian, in the State of **Oregon**, 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 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.

February 1, 1963

(Date)

/s/ **Norman A. Newton**

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

The foregoing field notes of the **North Spit, in section 1, township 5 south, range**
11 west, including the meander lines of Nestucca Bay and the Pacific Ocean;
the dependent resurvey of the south boundary of township 4 south, range 11
west; and the necessary retracements of portions of the boundaries of
adjoining townships, Willamette Meridian, Oregon,

executed by **Norman A. Newton, Cadastral Surveyor,**

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

(Date)

(Chief, Division of Engineering)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in
T. 5 S., R. 11 W., Will. Mer., Oregon, is a true copy of the original field notes.

(Date)

(Chief, Division of Engineering)

CHAINS

Retracement, Range Line, T. 5 S., bet. Rs. 10 and 11 W.

**Retracement of a Portion of the Range Line,
T. 5 S., bet. Rs. 10 and 11 W.,
Willamette Meridian, Oregon**

**(Retracing the 1872 survey by John W. Meldrum, and the
1922 and 1924 retracements by Lincoln E. Wilkes)**

The $\frac{1}{4}$ sec. cor. of secs. 7 and 12, monumented with the original 1872 basalt stone, 12 x 8 x 6 ins., firmly set 5 ins. in the ground, with chisel marks $\frac{1}{4}$ visible on the W. face, from which bearing trees mkd. by Wilkes in 1922:

A sawed spruce stump, 35 ins. diam., bears S. 40° E., 19 $\frac{1}{2}$ lks. dist., mkd. with a healed blaze.

A sawed spruce stump, 28 ins. diam., bears N. 89° W., 35 $\frac{1}{2}$ lks. dist., mkd. with a healed 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.



from which

A spruce, 21 ins. diam., bears N. 35° E., 39 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S7 BT.

A spruce, 16 ins. diam., bears S. 57° W., 46 lks. dist., mkd. $\frac{1}{4}$ S12 BT.

Deposit the original corner stone alongside the iron post.

From this point, United States Coast and Geodetic Survey triangulation station BOZLEY 1927, bears N. 57° 17' E., 14.086 chs. dist.

N. 0° 42' W., bet. secs. 7 and 12.

Ascend 30 ft. over SW. slope, across logged area, through scattering timber and dense undergrowth.

- 5.00 Spur, slopes W.; descend 34 ft. over NW. slope.
- 7.00 Ravine, drains W.; ascend 20 ft. over SW. slope.
- 9.00 Spur, slopes NW.; descend 245 ft. over NW. slope changing to N. slope.
- 11.20 Power line, bears NE. and SW.
- 13.70 Dirt road, 15 lks. wide, bears NE. and SW.; enter open pasture land.
- 20.03 Point for the N $\frac{1}{16}$ sec. cor. of secs. 7 and 12, at proportionate distance; there is no remaining evidence of the original corner. No permanent monument established.
- 22.50 Creek, 2 lks. wide, course NW.; ascend 60 ft. along W. slope.
- 26.00 Top of ascent, slopes W.; descend 70 ft. over NW. slope.

BOOK 3

Refer To MAP F-40-205

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