

CHAINS

DUPLICATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE LINE BETWEEN SECTIONS 13 AND 14,

TOWNSHIP 24 SOUTH, RANGE 4 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Boyd W. Peterson, Cadastral Surveyor

Under Special Instructions dated September 13, 1989,

approved September 13, 1989,

which provided for the surveys included under Group No. 1511,

and Assignment Instructions dated October 25, 1989.

*Survey commenced November 1, 1989**Survey completed May 24, 1990*

T. 24 S., R. 4 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of the line between sections 13 and 14, township 24 south, range 4 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as follows:

Harvey Gordon and Charles T. Gardner, U. S. Deputy Surveyors, surveyed a portion of the subdivisional lines in 1855.

Oscar F. Thiel, U. S. Deputy Surveyor, completed the survey of the subdivisional lines in 1897.

Lynn M. Roseberry, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines in 1957.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated September 13, 1989, for Group No. 1511, Oregon.

The directions of the lines refer to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

Preliminary to the resurvey, the lines of the original surveys were retraced and search was made for all corners and other calls of the record. The lost corner was reestablished and remonumented at proportionate position based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. The line was blazed and measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the ¼ section corner of sections 13 and 14, as determined from a direct tie to Geodetic Control Station No. EC 41055, established by the Bureau of Land Management, is as follows:

Latitude 43° 28' 59.73" N. Longitude 123° 07' 36.00" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of the Line between Sections 13 and 14,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

**Dependent Resurvey of the Line between Sections 13 and 14,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

CHAINS

(Restoring the survey by Harvey Gordon and Charles T. Gardner,
U.S. Deputy Surveyors, in 1855)

Beginning at the cor. of secs. 13, 14, 23, and 24, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, and recorded in Douglas County Surveyors Office Corner Renewal File No. 60, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 24 S R 4 W

S 14 * S 13

S 23 * S 24

1963

from which an original bearing tree

A madrone, 24 ins. diam., bears N. 81° E., 54½ lks. dist., no marks visible. (Record, 53 lks.)

and bearing trees mkd. by Godfrey

A fir, 16 ins. diam., bears N. 60° E., 46½ lks. dist., with healed blaze.

A fir, 22 ins. diam., bears S. 8° E., 13½ lks. dist., with healed double blaze.

A madrone, 11 ins. diam., bears S. 43° W., 77 lks. dist., with healed blaze.

and a new bearing tree

A fir, 11 ins. diam., bears N. 61° W., 34 lks. dist., mkd. T24S R4W S14 BT.

The corner is located at fence corner, from which woven wire fences extend N., S., E., and W.

N. 0° 25' 30" E., bet. secs. 13 and 14, marking and blazing the true line.

Descend over NW. slope, through heavy timber and dense undergrowth.

- | | |
|--------|--|
| 11.85 | Gossett Creek, 18 lks. wide, course N. 85° W.; asc. over broken SW. slope. |
| 15.25 | Graveled road, 25 lks. wide, bears N. 75° E. and S. 85° W. |
| 39.915 | Point for the ¼ sec. cor. of secs. 13 and 14, at proportionate |

Dependent Resurvey of the Line between Sections 13 and 14,
T. 24 S., R. 4 W., Willamette Meridian, Oregon

CHAINS

distance; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T 24 S R 4 W
¼
S 14 * S 13
1989

from which

A fir, 10 ins. diam., bears N. 77° E., 5 lks. dist.,
mkd. 1/4 S13 BT.

A fir, 31 ins. diam., bears S. 17° W., 43 lks. dist.,
mkd. 1/4 S14 BT.

Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.

From this point, the Bureau of Land Management Geodetic Control Station No. EC 41055, at latitude 43° 29' 10.275" N., longitude 123° 07' 10.530" W. (NAD 1927), determined by NAVSTAR Global Positioning System, bears N. 60° 22' 59" E., 32.730 chs. dist., monumented with an aluminum rod, 72 ins. long, ¾ in. diam., set 72 ins. in the ground, with an aluminum cap mkd. EC 41055 GPS 1990, and an orange carsonite post alongside.

Ascend over broken SE. slope.

77.050 Ridge, bears NE. and SW.; desc. over gentle NW. slope.

79.830 The cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.

T 24 S R 4 W
S 11 * S 12
S 14 * S 13
1957

from which the remains of original bearing trees

A cedar, 40 ins. diam., bears S. 68° E., 60 lks. dist.,
with fragmentary scribe marks visible on partially
healed double blaze.

A sawed cedar stump, 24 ins. diam., bears S. 11° W.,
22½ lks. dist., with healed double blaze.

A root hole, bears N. 49° W., 38 lks. dist., with a

**Dependent Resurvey of the Line between Sections 13 and 14,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

CHAINS

down, rotted cedar alongside, size indeterminate,
no marks visible.

and a bearing tree mkd. by Roseberry

A fir, 35 ins. diam., bears N. 7° W., 104 lks. dist.,
with healed blaze.

and a bearing tree mkd. by Milo E. Godfrey, Deputy County Surveyor, in 1963, and recorded in Douglas County Surveyor's Office Corner Renewal File No. 76

A fir, 21 ins. diam., bears N. 78° E., 118 lks. dist.,
with healed blaze.

and a new bearing tree

A fir, 10 ins. diam., bears S. 74° W., 31 lks. dist.,
mkd. T24S R4W S14 BT.

GENERAL DESCRIPTION

The area covered by this survey is located in Douglas County approximately 11 miles northeast of Sutherlin, Oregon. Access is by way of County Road No. 22 and numerous other gravel and dirt roads. The area is drained southwesterly by Gossett Creek and Mill Creek into Oldham Creek with numerous other small and seasonal drainages. The area is mountainous with elevations ranging from about 1360 feet above sea level at the corner of sections 11, 12, 13 and 14, to about 1160 feet above sea level at the ¼ section corner of sections 13 and 14.

The soil consists of a rocky clay. There were no mineral deposits noted along the lines surveyed. The timber consists of fir, cedar, maple, chinquapin, alder, oak and madrone. The undergrowth consists of salal, poison oak, vine maple, Oregon grape, hazel, arrowwood, ferns and young firs.

The land is used mainly for timber production.

The mean magnetic declination is 19° East, as determined from one reading along the line resurveyed.