

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

R621

01

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

(FIRST STANDARD PARALLEL SOUTH),

A PORTION OF THE SUBDIVISIONAL LINES,

SUBDIVISION OF SECTIONS 32, 33, 34, AND 35,

and

REMONUMENTATION OF CERTAIN ORIGINAL CORNER POINTS,

TOWNSHIP 5 SOUTH, RANGE 32 EAST,

Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

James E. Jelley, Cadastral Surveyor

Harvey E. Wofford, Cadastral Surveyor

William D. Kimmel, Cadastral Surveyor

Rick E. Tawney, Cadastral Surveyor

Under special instructions dated May 3, 1957, approved May 6, 1957,

special instructions dated June 16, 1967, approved August 24, 1967, and supplemental special instructions dated July 25, 1978, approved July 31, 1978,

which provided for the surveys included under U.S. Survey/Group Number s 643 and 350, and assignment instructions dated August 21, 1967,

June 2, 1975; May 30, 1979; March 26, 1980; and April 4, 1980

Survey commenced August 24, 1967

Survey completed June 9, 1980

ORIGINAL

FIELD NOTES

OF THE

01

02

DEPENDENT RESERVE OF A PORTION OF THE SOUTH BOUNDARY

(FIRST STANDARD PARALLEL SOUTH)

A PORTION OF THE SUBDIVISIONAL LINES

SUBDIVISION OF SECTIONS 32, 33, 34, AND 35

and

INDEX DIAGRAM

Township 5 South, Range 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	21	32	17	33	14

- Subdivision of Section 32 -- Pages 24-27
- Subdivision of Section 33 -- Pages 27-30
- Subdivision of Section 34 -- Pages 30-33
- Subdivision of Section 35 -- Pages 33-36

T. 5 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary (First Standard Parallel South), a portion of the subdivisional lines, the subdivision of sections 32, 33, 34, and 35, and the remonumentation of certain original corner points, township 5 south, range 32 east, Willamette Meridian, Oregon.

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

The south boundary of the township (First Standard Parallel South) was surveyed by George S. Pershin, in 1880.

The east boundary of the township and subdivisional lines were surveyed by George S. Pershin, in 1881.

The area covered by this resurvey was dependently resurveyed by Jerome C. Ives, Cadastral Surveyor, in 1967-68, utilizing photogrammetric methods. Prior to submission of the final field returns to the Director for final review and acceptance, a field investigation disclosed sufficient variances from acceptable Manual standards to warrant retracements and corrections. This dependent resurvey and survey by conventional methods is to resolve and correct the discrepancies. Due to the length of time in executing the survey, the field notes indicate the year new accessories were marked at each corner.

The survey was executed in accordance with the specifications as set forth in the Manuals of Surveying Instructions, 1947 and 1973, Special Instructions dated May 3, 1957, Special Instructions dated June 16, 1967, and Supplemental Special Instructions dated July 25, 1978, under Group Numbers 350 and 643, Oregon.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding or crossing public lands were blazed. Those lines not forming a closure were measured twice.

The directions of the lines were determined by deflections from azimuths obtained by direct solar observations.

The geographic position of the standard corner of sections 35 and 36, on the south boundary of the township, as scaled from the Ukiah SE. quadrangle map, published by the United States Geological Survey, in 1967, is as follows:

Latitude $45^{\circ} 05.0' N.$ Longitude $118^{\circ} 47.8' W.$

The mean magnetic declination is $20^{\circ} E.$

Dependent Resurvey of a Portion of the South Boundary
(First Standard Parallel South)

T. 5 S., R. 32 E., Willamette Meridian, Oregon

04

Dependent Resurvey of a Portion of the South Boundary
(First Standard Parallel South)
T. 5 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

(Restoring the survey by George S. Pershin,
U. S. Deputy Surveyor, in 1880)

Beginning at the standard cor. of secs. 35 and 36, determined at record bearing and distance from the remains of an original bearing tree:

A root hole, bears N. 46° E., 30 lks. dist., with a down larch alongside, 28 ins. diam., with illegible scribe marks visible on decayed blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

S C
T 5 S R 32 E
S 35 S 36
1967

from which new bearing trees

A spruce, 23 ins. diam., bears N. 33° E., 65½ lks. dist., mkd. T5S R32E S36 SC BT. (1967)

A fir, 10 ins. diam., bears N. 77° W., 27½ lks. dist., mkd. T5S R32E S35 SC BT. (1967)

From this point, the true point for the closing cor. of Tps. 6 S., Rs. 32 and 33 E., bears N. 89° 40' E., 4.93 chs. dist., described in the field notes of the dependent resurvey of the E. bdy. of T. 6 S., R. 32 E., executed concurrently under this same Group.

From this same point, the standard cor. of Tps. 5 S., Rs. 32 and 33 E., bears N. 89° 40' E., 80.34 chs. dist., determined from the remains of the original bearing trees:

A pine, 28 ins. diam., bears N. 77° E., 110 lks. dist., with fragmentary scribe marks visible on partially opened blaze. (Record, N. 73° E.)

A sawed pine stump, 40 ins. diam., bears N. 21° W., 16 lks. dist., with healed blaze.

At the corner point

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

S C
T 5 S
R 32 E R 33 E
S 36 S 31
1968

from which a new bearing tree

A larch, 15 ins. diam., bears N. 35° W., 211 lks. dist., mkd. T5S R32E S36 SC BT. (1968)

This line was fully retraced and search was made for the standard ¼ sec. cor. of sec. 36; it was not recovered.

Dependent Resurvey of a Portion of the South Boundary
(First Standard Parallel South)

T. 5 S., R. 32 E., Willamette Meridian, Oregon

CHAINS	
	S. 89° 16' W., on the S. bdy. of sec. 35, marking and blazing the true line.
	Descend 10 ft. along N. slope, through moderate timber and undergrowth.
8.80	Bottom of descent, slopes N.; asc. 105 ft. along broken N. slope.
31.35	Top of ascent, slopes N.; desc. 55 ft. along N. slope.
40.03	The standard $\frac{1}{4}$ sec. cor. of sec. 35, monumented with the original basalt stone, 12 x 8 x 5 ins., firmly set 6 ins. in the ground, mkd. $\frac{1}{4}$ on N. face, from which an original bearing tree:
	A larch, 10 ins. diam., bears N. 2° E., 12 lks. dist., with scribe marks $\frac{1}{4}$ S BT visible on opened blaze.
	At the corner point
	Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">S C T 5 S R 32 E <u>$\frac{1}{4}$ S 35</u> 1968</p>
	from which a new bearing tree
	A fir, 10 ins. diam., bears N. 55° W., 51 lks. dist., mkd. $\frac{1}{4}$ S35 SC BT. (1968)
	Deposit corner stone alongside iron post.
	Corner is located at bottom of descent, slopes N.
	<p style="text-align: center;">_____</p>
	N. 89° 55' W., beginning new measurement.
	Ascend 175 ft. over NE. slope.
18.50	Dirt road, 20 lks. wide, bears N. 70° W. and S. 70° E.
19.99	Point for the standard W 1/16 sec. cor. of sec. 35.
	Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">S C <u>W 1/16 S 35</u> 1980</p>
	from which
	A fir, 5 ins. diam., bears N. 32° E., 23 lks. dist., mkd. X BT. (1980)
	A fir, 8 ins. diam., bears N. 56° W., 147 lks. dist., mkd. W 1/16 S35 SC BT. (1980)
	Ascend slightly over nearly level land.
21.80	Top of ascent, slopes N.; desc. 65 ft. over NW. slope.

06

Dependent Resurvey of a Portion of the South Boundary
(First Standard Parallel South)

T. 5 S., R. 32 E., Willamette Meridian, Oregon

CHAINS	
32.50	Dirt road, 20 lks. wide, bears N. 30° E. and S. 30° W.
34.25	Creek, 2 lks. wide, course N.; asc. 35 ft. over NW. slope.
35.22	From this point, the original closing cor. of secs. 1 and 2, T. 6 S., R. 32 E., bears South, 0.17 chs. dist., determined from the remains of the original bearing trees: A root hole, bears S. 31° E., 27 lks. dist., with a down larch alongside, 16 ins. diam., with illegible scribe marks visible on partially open blaze. A pine, 18 ins. diam., bears S. 78° W., 141 lks. dist., with healed blaze.
35.35	Dirt road, 20 lks. wide, bears N. 70° W. and S. 70° E.
39.98	The standard cor. of secs. 34 and 35, determined from an original bearing tree: A fir, 20 ins. diam., bears N. 22° E., 27 lks. dist., with scribe marks BT visible on opened blaze. At the corner point Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> S C T 5 S R 32 E S 34 S 35 1968 </div> from which new bearing trees A fir, 14 ins. diam., bears N. 59° E., 32 lks. dist., mkd. T5S R32E S35 SC BT. (1968) A fir, 10 ins. diam., bears N. 79° W., 69 lks. dist., mkd. T5S R32E S34 SC BT. (1968) Land, mountainous. Soil, rocky. Timber, pine, fir, larch, and oak; undergrowth, young timber, arrowwood, and hazel.
	S. 89° 54' W., on the S. bdy. of sec. 34. Ascend 15 ft. along N. slope, through moderate timber and undergrowth.
3.10	Top of ascent, slopes N.; desc. 65 ft. over W. slope.
10.25	Ravine, drains N. 30° W.; asc. 95 ft. over NE. slope.
10.40	Dirt road, 20 lks. wide, bears N. 30° W. and S. 30° E.
17.45	Top of ascent, slopes N.; desc. 80 ft. over NW. slope.
32.30	Dirt road, 20 lks. wide, bears N. and S.
34.75	Ravine, drains N.; asc. 50 ft. over NE. slope.

T. 5 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

GENERAL DESCRIPTION

The lands covered by this resurvey are located in Umatilla County, about 3 miles southeast of the town of Ukiah, Oregon. The main drainages in the area are Randall Canyon, Dry Creek, and Pine Creek. The area is situated in the Umatilla National Forest in a portion of the Blue Mountains.

Access is gained by way of numerous dirt and gravelled roads leading from State Highway Number 244, to the north.

The elevation ranges from about 4000 feet above sea level at the corner of sections 26, 27, 34, and 35, to about 4700 feet above sea level on the south boundary of section 33.

Timber is light to moderate and consists of pine, fir, and larch. The undergrowth is also light and consists mainly of young timber, with some arrowwood and hazel near the drainages.

The soil is rocky loam. There was no indication of mineral activity.

The average of a number of readings along the lines surveyed gives a value of 20° E. for the mean magnetic declination. There is a range of 1° in local attraction.

CHAINS	GENERAL DESCRIPTION	CHAINS
	<p>The lands covered by this resurvey are located in Umatilla County, about 3 miles southeast of the town of Ukiah, Oregon. The main drainages in the area are Randall Canyon, Dry Creek, and Pine Creek. The area is situated in the Umatilla National Forest in a portion of the Blue Mountains.</p> <p>Access is gained by way of numerous dirt and gravel roads leading from State Highway Number 344, to the north.</p> <p>The elevation ranges from about 4000 feet above sea level at the corner of sections 26, 27, 34, and 35, to about 4700 feet above sea level on the south boundary of section 33.</p> <p>Timber is light to moderate and consists of pine, fir, and larch. The undergrowth is also light and consists mainly of young timber, with some arrowwood and hazel near the drainages.</p> <p>The soil is rocky loam. There was no indication of mineral activity.</p> <p>The average of a number of readings along the lines surveyed gives a value of 30° E. for the mean magnetic declination. There is a range of 1° in local declination.</p>	

Form 9600-11
(August 1979)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lester E. Fischer	Cadastral Surveyor (Assisting)
Wayne L. Rogers	Cadastral Surveyor (Assisting)
James J. Carlson	Surveying Technician
Robert A. Brown	Surveying Technician
Louis A. Kautz	Surveying Technician
Max E. Farron	Surveying Technician
Robert B. Fink	Surveying Technician
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Thomas D. Brown	Cadastral Surveyor
Donevan C. Harris	Cadastral Surveyor
James A. Rhea, Jr.	Surveying Technician

(Chief Cadastral Surveyor of Oregon)

June 30, 1983

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes

43

CERTIFICATE OF SURVEY

(X) (We), James E. Jelley, Harvey E. Wofford, William D. Kimmel, and Rick E. Tawney, Cadastral Surveyors,

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day

of May 19 57, ~~(XXXXXX)~~ special instructions bearing date of the 16th day of June, 1967, and supplemental special instructions bearing date of the 25th day of July, 1978, we have dependently resurveyed a portion of the south boundary (First Standard Parallel South), a portion of the subdivisional lines, subdivided sections 32, 33, 34, and 35, and remonumented certain original corner points, township 5 south, range 32 east,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by ~~(XXX)~~ (us) and under ~~(XXX)~~ (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.

August 9, 1982 (Date) James E. Jelley (Cadastral Surveyor)
August 11, 1982 (Date) Harvey E. Wofford (Cadastral Surveyor)
August 25, 1982 (Date) William D. Kimmel (Cadastral Surveyor)
August 23, 1982 (Date) Rick E. Tawney (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the south boundary (First Standard Parallel South), a portion of the subdivisional lines, subdivision of sections 32, 33, 34, and 35, and remonumentation of certain original corner points, township 5 south, range 32 east, Willamette Meridian, Oregon,

executed by James E. Jelley, Harvey E. Wofford, William D. Kimmel, and Rick E. Tawney, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

June 30, 1983 (Date) William W. Glenn (Chief Cadastral Surveyor of Oregon)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in , is a true copy of the original field notes.

(Date) (Chief, Cadastral Survey Examination and Approval Staff)