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801

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

(FIRST STANDARD PARALLEL SOUTH),

TOWNSHIP 5 SOUTH, RANGE 31 EAST; AND

DEPENDENT RESURVEY OF THE EAST AND WEST BOUNDARIES;

A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISIONAL LINES;

SUBDIVISION OF CERTAIN SECTIONS;

AND

REMONUMENTATION OF CERTAIN ORIGINAL CORNER POINTS,

TOWNSHIP 6 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

Craig L. Wanless, Cadastral Surveyor

William D. Kimmel, Cadastral Surveyor

Rick E. Tawney, Cadastral Surveyor

Under special instructions dated May 3, 19 57, 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

Numbers 350 and 643 , and assignment instructions dated August 21 , 1967 ;

June 2, 1975; July 31, 1978; May 30, 1979; and September 18, 1979;

and March 26, 1980

Survey commenced August 24 , 1967

Survey completed September 26 , 1980

FIELD NOTES
OF THE

137

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

(FIRST STANDARD PARALLEL SOUTH)

TOWNSHIP 5 SOUTH, RANGE 31 EAST; AND

DEPENDENT RESURVEY OF THE EAST AND WEST BOUNDARIES;

A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISIONAL LINES;

INDEX DIAGRAM

Township 6 South, Range 32 East

2

30	6	5	<u>171</u>	4	3	56	2	<u>170</u>	1	23
	98		<u>172</u>	<u>171</u>		70		<u>170</u>		
29	7	97	8	80	9	68	10	54	11	22
	95		94	79		67				43
27	18	93	17	78	16	66	15	52	14	20
	91		90		77	65		51		40
26	19	89	20	75	21	63	22	50	23	18
	88		87	74		62		49		37
26	30	86	29	72	28	60	27	47	26	16
	85		83		71	59		45		33
24	31	81	32	70	33	57	34	43	35	13

11 9 7 5 3

Subdivision of Section 7 - Pgs. 99-103
 Subdivision of Section 13 - Pgs. 103-106
 Subdivision of Section 15 - Pgs. 106-108
 Subdivision of Section 18 - Pgs. 108-116
 Subdivision of Section 19 - Pgs. 116-121
 Subdivision of Section 20 - Pgs. 121-123
 Subdivision of Section 21 - Pgs. 123-125
 Subdivision of Section 23 - Pgs. 125-129
 Subdivision of Section 24 - Pgs. 129-133
 Subdivision of Section 25 - Pgs. 133-137

Subdivision of Section 26 - Pgs. 137-141
 Subdivision of Section 27 - Pgs. 141-144
 Subdivision of Section 28 - Pgs. 144-147
 Subdivision of Section 29 - Pgs. 147-153
 Subdivision of Section 30 - Pgs. 153-155
 Subdivision of Section 32 - Pgs. 155-160
 Subdivision of Section 34 - Pgs. 160-163
 Subdivision of Section 35 - Pgs. 163-166
 Subdivision of Section 36 - Pgs. 166-169

T. 6 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), township 5 south, range 31 east, the dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, the subdivision of certain sections, and the remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon.

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

The south boundary (First Standard Parallel South), township 5 south, range 31 east, was surveyed by George S. Pershin, in 1880.

The corner of townships 6 and 7 south, ranges 31 and 32 east was established by Henry Meldrum, in 1881.

The south and west boundaries of township 6 south, range 32 east were surveyed by Rufus S. Moore, in 1881.

The east boundary and subdivisional lines of township 6 south, range 32 east were surveyed by Frank W. Campbell, in 1883.

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 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 corner of townships 6 and 7 south, ranges 32 and 33 east, as scaled from the Dale, Oregon, quadrangle map, published by the United States Geological Survey, in 1951, is as follows:

Latitude $44^{\circ} 59.9' N.$ Longitude $118^{\circ} 47.8' W.$

139

T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

The mean magnetic declination is 20° 15' E.

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

T. 5 S., R. 31 E., Willamette Meridian, Oregon

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

Beginning at the standard cor. of Tps. 5 S., Rs. 31 and 32 E., described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 5 S., R. 32 E., executed concurrently under this same group.

N. 89° 46' W., on the S. bdy. of sec. 36, marking the true line.

Descend 65 ft. over broken NW. slope, through open range land.

25.00 Ravine, drains NW.; asc. 30 ft. over NE. slope.

30.20 Top of ascent, slopes N.; desc. 5 ft. over NW. slope.

34.80 Point for the $\frac{1}{4}$ sec. cor. of sec. 6 only, T. 6 S., R. 32 E., at proportionate distance.

Set an iron post, 28 ins. long, 2½ ins. diam., 15 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$ S 6
T 6 S R 32 E
1968

Raise a mound of stone, 3 ft. base, 2 ft. high.
S. of corner.

Descend 5 ft. over NW. slope.

40.30 The standard $\frac{1}{4}$ sec. cor. of sec. 36, determined at the center of a rock crib, 4 ft. base, 3 ft. high, in wire fence, extending generally E. and W. This point is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 4 ins. in the ground, to solid rock, and supported in a mound of stone, 5 ft. base, to top, with brass cap mkd.

S C
T 5 S R 31 E
 $\frac{1}{4}$ S 36
1968

from which

An iron post, 28 ins. long, 2½ ins. diam., set 8 ins. in the ground, to solid rock, and in a mound of stone, 3½ ft. base, to top, for a reference monument, bears N. 46° E., 22½ lks. dist., with brass cap mkd. $\frac{1}{4}$ S36 SC RM 1968 and an arrow pointing to the corner.

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

T. 5 S., R. 31 E., Willamette Meridian, Oregon

CHAINS

An iron post, 28 ins. long, 2½ ins. diam., set 8 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, to top, for a reference monument, bears N. 44° W., 22½ lks. dist., with brass cap mkd. ¼ S36 SC RM 1968 and an arrow pointing to the corner.

From this point, the true point for the closing cor. of Tps. 6 S., Rs. 31 and 32 E., bears S. 89° 57' W., 35.95 chs. dist., hereinafter described.

From this same point, the standard cor. of secs. 34 and 35, bears S. 89° 57' W., 120.48 chs. dist., monumented with a mound of stone, 3 ft. base, 1½ ft. high, and is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, to solid rock, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

S C
T 5 S R 31 E
S 34 | S 35
1968

This line was fully retraced and search was made for the intervening corners, none of which were found.

Land, rolling hills.

Soil, rocky.

Vegetation, sagebrush and grasses.

Dependent Resurvey of a Portion of the South Boundary,
T. 6 S., R. 32 E., Willamette Meridian, Oregon

(Restoring the survey by Rufus S. Moore,
U. S. Deputy Surveyor, in 1881)

From the cor. of Tps. 6 and 7 S., Rs. 32 and 33 E., determined at record bearing and distance from the original bearing trees:

A pine, 20 ins. diam., bears N. 76° E., 31 lks. dist., with healed blaze.

A pine, 26 ins. diam., bears S. 37° W., 27 lks. dist., with scribe marks S1 visible on partially open blaze.

A larch, 21 ins. diam., bears N. 8° W., 34 lks. dist., with scribe marks S36 T 6 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 6 S
R 32 E | R 33 E
S 36 | S 31
S 1 | S 6
T 7 S
1967

141

Dependent Resurvey of a Portion of the South Boundary,
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

from which a new bearing tree
A fir, 15 ins. diam., bears S. 15½° E., 76 lks. dist., mkd. T7S R33E S6 BT. (1978)
N. 89° 54' W., bet. secs. 1 and 36, marking and blazing the true line.
Descend 580 ft. over broken SW. slope, changing to W. slope, through heavy timber and light undergrowth.

35.85 Gravelled road, 30 lks. wide, bears N. 35° W. and S. 35° E.

38.40 North Fork John Day River, 100 lks. wide, course N. 25° W.; asc. 10 ft. over NE. slope.

39.78 The ¼ sec. cor. of secs. 1 and 36, perpetuated by person (s) unknown, monumented with a rock drill bit, 1 in. diam., loosely set, projecting 12 ins. above ground, from which the remains of an original bearing tree:

A decayed fir stump, size indeterminate, bears S. 73° W., 39 lks. dist., with a down fir alongside, 20 ins. diam., with fragmentary scribe marks visible on opened blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T 6 S R 32 E

¼ S 36
S 1

T 7 S
1968

from which new bearing trees

A pine, 8 ins. diam., bears S. 41½° W., 40 lks. dist., mkd. ¼ S1 BT. (1968)

A fir, 19 ins. diam., bears N. 64½° W., 83 lks. dist., mkd. ¼ S36 BT. (1968)

Reset drill bit alongside iron post.

S. 89° 56' W., beginning new measurement.

Ascend 230 ft. over NE. slope.

20.29 Point for the W 1/16 sec. cor. of secs. 1 and 36.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, to solid rock, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.

W 1/16 S 36
S 1
1968

from which

309

Remonumentation of Certain Original Corner Points,
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

A sawed pine stump, 30 ins. diam., bears N. 79° W., 50 lks. dist., with scribe marks $\frac{1}{4}$ S BT visible on open blaze. (Record, N. 77° W., 48 lks.)

At the corner point

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

$\frac{1}{4}$
S 5 | S 4
T 6 S R 32 E
1967

from which new bearing trees

A fir, 23 ins. diam., bears S. 58° E., 47½ lks. dist., mkd. $\frac{1}{4}$ S4 BT. (1967)

A pine, 25 ins. diam., bears S. 60° W., 156 lks. dist., mkd. $\frac{1}{4}$ S5 BT. (1967)

Deposit corner stone alongside iron post.

The $\frac{1}{4}$ sec. cor. of secs. 5 and 8, determined at record bearing and distance from the only remaining original bearing tree:

A pine, 33 ins. diam., bears S. 10° W., 9 lks. dist., with scribe marks $\frac{1}{4}$ S visible on partially opened blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$ $\frac{S 5}{S 8}$
T 6 S R 32 E
1967

from which new bearing trees

A pine, 14 ins. diam., bears N. 63° E., 46 lks. dist., mkd. $\frac{1}{4}$ S5 BT. (1967)

A pine, 10 ins. diam., bears S. 43° W., 62½ lks. dist., mkd. $\frac{1}{4}$ S8 BT. (1967)

GENERAL DESCRIPTION

Township 6 south, range 32 east, is located in Umatilla County, about 4 miles southeast of the small town of Ukiah, Oregon. The land is broken and mountainous, with elevations ranging from about 2800 feet above sea level where the line between sections 31 and 36, on the west boundary of the township crosses the North Fork John Day River, to about 5200 feet above sea level on the line between sections 7 and 12, on the east boundary of the township. The township is well drained by many creeks that are tributaries of the North Fork John Day River, which flows westerly through the southern part of the township.

T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

The soil consists generally of rocky clay, with small areas of clay loam near the streams. Timber in the area consists of pine, fir, larch, juniper, spruce, and alder, with undergrowth of young timber, arrowwood, hazel, sagebrush, and native grasses.

Access is gained to all parts of the township by way of numerous gravelled and dirt roads.

There was no evidence of mineral deposits noted along the lines surveyed.

An average of a considerable number of readings taken throughout the area gives a value of $20^{\circ} 15'$ E. for the mean magnetic declination. There is a range of $1^{\circ} 30'$ due to local attraction.

CHAINS

The soil consists generally of rocky clay, with small areas of clay loam near the streams. Timber in the area consists of pine, fir, larch, juniper, spruce, and alder, with undergrowth of young timber, arrowwood, hazel, sagebrush, and native grasses.

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312

CERTIFICATE OF SURVEY

Form 9600-11 (August 1979)

(X) (We), James E. Jelley, Harvey E. Wofford, and Craig L. Wanless, HEREBY

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), township 5 south, range 31 east, dependently resurveyed the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivided certain sections, and remonumented certain original corner points, township 6 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 (us) and under (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 12, 1982 (Date) Harvey E. Wofford (Cadastral Surveyor)
October 6, 1982 (Date) Craig L. Wanless (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), township 5 south, range 31 east, dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivision of certain sections, and remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon, executed by James E. Jelley, Harvey E. Wofford, and Craig L. Wanless, 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)

Form 9600-11
(August 1979)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert B. Fink	Surveying Technician
Louis A. Kautz	Surveying Technician
Max E. Farron	Surveying Technician
Martin L. Epperly	Surveying Technician
Jay L. Mehr	Surveying Aid
Roger M. Willis	Surveying Aid
Shane C. Sills	Surveying Aid
Michael R. Druckrey	Surveying Aid
James R. Von Grabow	Surveying Aid
Robert L. Nelson	Surveying Aid
	October 7, 1982 (Date)
	October 4, 1982 (Date)

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.

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

executed by William D. Kimmel and Rick E. Tawney, Cadastral Surveyors,
 Meridian, Oregon.

certain original corner points, township 6 south, range 32 east, Willamette
 subdivisional lines, subdivision of certain sections, and remonumentation of
 resurvey of the east and west boundaries, a portion of the south boundary and
 (First Standard Parallel South), township 5 south, range 31 east, dependent
 The foregoing field notes of the dependent survey of a portion of the south boundary

(Chief Cadastral Surveyor of Oregon)

June 30, 1983
(Date)

William W. Blum

314

CERTIFICATE OF SURVEY

(We), William D. Kimmel and Rick E. Tawney, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of May, 1957, 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), township 5 south, range 31 east, dependently resurveyed the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivided certain sections, and remonumented certain original corner points, township 6 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 (us) and under (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.

October 7, 1982 (Date)

William D. Kimmel (Cadastral Surveyor)

October 4, 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), township 5 south, range 31 east, dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivision of certain sections, and remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon, executed by 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)

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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)