

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

R620

780

315

# FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE SOUTH,

EAST, AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES,

AND

SUBDIVISION OF CERTAIN SECTIONS,

TOWNSHIP 7 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

Rick E. Tawney, Cadastral Surveyor

Thomas E. Caster, Cadastral Surveyor

Scott R. McMullin, Cadastral Surveyor

Under special instructions dated May 3, 19 57, approved May 6, 1957

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 350 and 643, and assignment instructions dated August 21, 19 67.

June 2, 1975, August 12, 1980, April 8, 1981, and March 17, 1982

Survey commenced August 24, 19 67

Survey completed July 28, 19 82



316

# FIELD NOTES

OF THE

DEPENDENT RESERVE OF THE SOUTH

EAST, AND WEST BOUNDARIES

A PORTION OF THE SUBDIVISIONAL LINES

AND

## INDEX DIAGRAM

TOWNSHIP 7 SOUTH, RANGE 32 EAST

Township 7 South, Range 32 East

28 6	5	81 4	69 3	58 2	41 1 20
100	99	80	67	57	40
27 7	97 8	78 9	66 10	55 11	39 12 19
96	95	77		54	38
25 18	93 17	16	64 15	53 14	36 13 18
92	91		63	51	35
24 19	89 20	76 21	22	49 23	33 24 16
89	88	75	62	48	32
22 30	86 29	73 28	61 27	45 26	30 25 15
85	84	72	60	44	
21 31	82 32	70 33	59 34	43 35	36 13
12	10	8	6	4	2

Sub. of sec. 1	pgs. 101 - 105	Sub. of sec. 21	pgs. 148 - 152
" " " 2	105 - 106	" " " 22	152 - 156
" " " 3	106 - 109	" " " 23	156 - 160
" " " 4	109 - 113	" " " 24	160 - 164
" " " 5	113 - 117	" " " 25	164 - 166
" " " 6	117 - 119	" " " 26	166 - 171
" " " 7	119 - 122	" " " 27	171 - 173
" " " 9	122 - 126	" " " 28	173 - 175
" " " 10	126 - 129	" " " 30	175 - 176
" " " 13	129 - 132	" " " 31	176 - 179
" " " 14	132 - 136	" " " 32	179 - 181
" " " 15	136 - 139	" " " 33	181 - 184
" " " 18	139 - 144	" " " 34	184 - 186
" " " 20	144 - 148	" " " 35	187 - 190



## T. 7 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of the south, east, and west boundaries, and a portion of the subdivisional lines, and the subdivision of certain sections, township 7 south, range 32 east, Willamette Meridian, Oregon.

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

The west boundary was surveyed by Henry Meldrum and Frank Campbell, in 1881.

The south, east, and north boundaries and subdivisional lines were surveyed by Rufus S. Moore, 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 set forth in the Manuals of Surveying Instructions, 1947 and 1973, Special Instructions dated May 3, 1957 and 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 refer to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

The geographic position of the center  $\frac{1}{4}$  section corner of section 18, as determined from a direct tie to United States Coast and Geodetic Survey triangulation station "BROOK", is as follows:

Latitude  $44^{\circ} 57' 42.31''$  N. Longitude  $118^{\circ} 54' 33.17''$  W.

The mean magnetic declination is  $20^{\circ} 15'$  E.

Dependent Resurvey of the South Boundary,  
T. 7 S., R. 32 E., Willamette Meridian, Oregon

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



434

Subdivision of Sec. 6, T. 7 S., R. 32 E.,  
Willamette Meridian, Oregon

CHAINS	
6.65	Dirt road, 25 lks. wide, bears N. 70° W. and S. 70° E.
17.20	Spur, slopes W.; desc. 5 ft. over NE. slope.
19.00	Draw, drains S. 60° W.; asc. 5 ft. over SW. slope.
19.88	Point for the center S 1/16 sec. cor. of sec. 6. Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	$\begin{array}{c} C \\ S\ 1/16 \quad   \quad S\ 6 \\ C \end{array}$ 1968
	from which
	A pine, 10 ins. diam., bears N. 44¼° E., 61½ lks. dist., mkd. CS 1/16 S6 BT. (1968)
	A pine, 25 ins. diam., bears N. 64° W., 12 lks. dist., mkd. CS 1/16 S6 BT. (1968)
	Ascend 325 ft. over steep, broken SW. slope.
33.75	Spur, slopes SE.; asc. slightly over SE. slope.
39.76	Point for the center ¼ sec. cor. of sec. 6, at intersection with the E. and W. center line. Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.
	$\begin{array}{c} T\ 7\ S\ R\ 32\ E \\ C\ 1/4\ S\ 6 \\ 1968 \end{array}$
	from which
	A pine, 15 ins. diam., bears N. 89½° E., 289½ lks. dist., mkd. C¼ S6 BT. (1968)
	A juniper, 16 ins. diam., bears N. 23 3/4° W., 212½ lks. dist., mkd. C¼ S6 BT. (1968)
	Ascend 215 ft. over broken SE. slope.
68.50	Ridge, bears N. 70° W. and S. 70° E.; desc. 245 ft. over NE. slope.
79.69	The ¼ sec. cor. of secs. 6 and 31, on the N. bdy. of the Tp., determined at record bearing and distance from the original bearing tree: A pine, 30 ins. diam., bears S. 3° E., 65 lks. dist., with scribe marks ¼ S BT visible on open blaze.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.



Subdivision of Sec. 6, T. 7 S., R. 32 E.,  
Willamette Meridian, Oregon

CHAINS	
	<p>T 6 S R 32 E  <math>\frac{1}{4}</math> <math>\frac{S\ 31}{S\ 6}</math>                      T 7 S                      1968</p> <p>from which a new bearing tree</p> <p>A pine, 30 ins. diam., bears N. 47½° E., 101½ lks. dist., mkd. ¼ S31 BT. (1968)</p>
	<p>From the ¼ sec. cor. of secs. 5 and 6,                      S. 89° 46' W., on the E. and W. center line of sec. 6.</p> <p>Descend 370 ft. over SW. slope, through scattering timber and light undergrowth.</p> <p>32.50 Creek, 3 lks. wide, course S.; asc. 65 ft. over gentle SE. slope.</p> <p>40.36 The center ¼ sec. cor. of sec. 6.</p> <p>Ascend 15 ft. over open SE. slope.</p> <p>42.00 Spur, slopes SE.; desc. 400 ft. over broken SW. slope.</p> <p>65.00 Draw, drains S. 30° W.; asc. 125 ft. over SE. slope.</p> <p>73.65 Spur, slopes S.; desc. 285 ft. over steep W. slope.</p> <p>81.20 The ¼ sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp.</p>
	<p>From the center S 1/16 sec. cor. of sec. 6.</p> <p>S. 89° 50' W., on the E. and W. center line of the SW¼.</p> <p>Descend 75 ft. over SW. slope, through scattering timber and light undergrowth.</p> <p>3.40 Creek, 1 lk. wide, course S.; asc. 140 ft. over steep E. slope.</p> <p>7.05 Top of ascent, slopes S.; desc. 125 ft. along broken S. slope.</p> <p>18.35 Draw, drains S.; asc. 20 ft. over SE. slope.</p> <p>22.40 Spur, slopes S.; desc. 295 ft. over SW. slope.</p> <p>31.35 Desolation Creek, 60 lks. wide, course N. 40° W.; asc. 140 ft. over NE. slope.</p> <p>35.15 Dirt road, 25 lks. wide, bears N. 40° W. and S. 40° E.</p> <p>40.62 The S 1/16 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp.</p>
	<p>Subdivision of Section 7, T. 7 S., R. 32 E.,                      Willamette Meridian, Oregon</p>
	<p>From the ¼ sec. cor. of secs. 7 and 18.</p> <p>N. 0° 09' E., on the N. and S. center line of sec. 7.</p>



506

Subdivision of Section 35, T. 7 S., R. 32 E.,  
Willamette Meridian, Oregon

CHAINS 20.31	The NW 1/16 sec. cor. of sec. 35.
	Ascend 100 ft. over E. slope, changing to NE. slope.
28.85	Spur, slopes N.; desc. 75 ft. over broken NW. slope.
40.05	Creek, 10 lks. wide, course N. 30° E.; asc. 5 ft. over E. slope.
40.62	The N 1/16 sec. cor. of secs. 34 and 35.
GENERAL DESCRIPTION	
<p>Township 7 south, range 32 east, is located about 1½ miles east of the hamlet of Dale, in Grant County, Oregon. The area is broken and mountainous, with elevations ranging from about 3000 feet above sea level where the line between sections 1 and 36, on the north boundary of the township crosses the North Fork John Day River, to about 5000 feet above sea level on the line between sections 19 and 24, on the east boundary of the township. The area is well drained by the North Fork John Day River and its tributaries. The main tributary being Desolation Creek, which flows northwesterly through the township.</p> <p>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, wild rose, Oregon grape, huckleberry, snowberry, ferns, sagebrush, and grasses.</p> <p>Numerous gravelled and dirt roads provide good access to all parts of the township.</p> <p>There was no evidence of mineral deposits noted along the lines surveyed.</p> <p>An average of a considerable number of readings taken throughout the township gives a value of 20° 15' E. for the mean magnetic declination. There is a range of 1° 30' due to local attraction.</p>	



507

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
Richard T. Helms III	Surveying Aid
Kurt A. Wycaver	Surveying Aid
Robert R. Thornton	Surveying Aid
Robert B. Fink	Land Surveyor (Student Trainee)
Max E. Farron	Surveying Technician
Louis A. Kautz	Surveying Technician
Jay L. Mehr	Surveying Aid
Jerome C. Ives	Cadastral Surveyor
Delbert E. Baldwin	Cadastral Surveyor
Thomas D. Brown	Cadastral Surveyor
Donevan C. Harris	Cadastral Surveyor
James A. Rhea, Jr.	Surveying Technician

CERTIFICATE OF APPROVAL

The foregoing field notes of the dependent survey of the south, east, and west boundaries, a portion of the subdivision lines, and subdivision of certain sections, township 7 south, range 32 east, Willamette Meridian, Oregon,

BUREAU OF LAND MANAGEMENT  
Portland, Oregon

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

*William W. Thomas*  
 \_\_\_\_\_  
 (Date) June 20, 1983  
 (Chief Cadastral Surveyor of Oregon)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 7 S., R. 32 E., Willamette Meridian, is a true copy of the original field notes.

\_\_\_\_\_  
 (Date)  
 (Chief Cadastral Surveyor of Oregon)



874 508

CERTIFICATE OF SURVEY

(We), James E. Jelley, Harvey E. Wofford, and Rick E. Tawney, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of May 1957, 16th day of June 1967, ~~(We) have~~ and supplemental special instructions

bearing the date of the 25th day of July, 1978, we have dependently resurveyed the south, east, and west boundaries, a portion of the subdivisional lines, and subdivided certain sections, township 7 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 ~~(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.

December 14, 1982 (Date)	<u>James E. Jelley</u> (Cadastral Surveyor)
March 10, 1983 (Date)	<u>Harvey E. Wofford</u> (Cadastral Surveyor)
March 10, 1983 (Date)	<u>Rick E. Tawney</u> (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
~~Denver, Colorado~~  
Portland, Oregon

The foregoing field notes of the dependent resurvey of the south, east, and west boundaries, a portion of the subdivisional lines, and subdivision of certain sections, township 7 south, range 32 east, Willamette Meridian, Oregon,

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

<u>June 30, 1983</u> (Date)	<u>William W. Glenn</u> <del>(Chief Cadastral Survey Examination and Approval Staff)</del> (Chief Cadastral Surveyor of Oregon)
--------------------------------	---

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in T. 7 S., R. 32 E., Willamette Meridian, Oregon, is a true copy of the original field notes.

(Date)	<del>(Chief Cadastral Survey Examination and Approval Staff)</del> (Chief Cadastral Surveyor of Oregon)
--------	--



481 509

Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Michael R. Druckrey	Surveying Technician
David J. Collier	Surveying Aid
William C. Sheckler	Surveying Aid
Timothy J. Moore	Surveying Aid
David R. Dorn	Surveying Aid
Scott W. Merkle	Surveying Aid

of the  
 as represented in the foregoing field notes and  
 (one) direction and that said survey has been  
 time the Manual of Instructions for the Survey of the Public Lands of the United States and in  
 as the manner described in the foregoing field notes.

March 29, 1983  
 (Date)  
 Thomas E. Carter  
 (Cadastral Surveyor)

March 18, 1983  
 (Date)  
 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
 PORTLAND, OREGON

The foregoing field notes of the dependent survey of the south, east, and west  
 boundaries, a portion of the subdivision lines, and subdivision of certain  
 sections, township 7 south, range 32 east, Willamette Meridian, Oregon,

executed by Thomas E. Carter and Scott R. McMullin, Cadastral Surveyors,  
 having been critically examined and found correct, are hereby approved.

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

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in  
 T. 7 S., R. 32 E., Willamette Meridian, is a true copy of the original field notes.

(Date)  
 (Chief Cadastral Surveyor of Oregon)



084 510

CERTIFICATE OF SURVEY

(X)(We), Thomas E. Caster and Scott R. McMullin, HEREBY

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

of May 1957, of June 19 67, (X)(We) have and supplemental special instructions

bearing the date of the 25th day of July, 1978, we have dependently resurveyed the south, east, and west boundaries, a portion of the subdivisional lines, and subdivided certain sections, township 7 south, range 32 east,

Surveying Aid Timothy J. Moore  
Surveying Aid David R. Dorn  
Surveying Aid Scott W. Merkle

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

March 29, 1983 (Date) Thomas E Caster (Cadastral Surveyor)

March 18, 1983 (Date) Scott R McMullin (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
~~Denver, Colorado~~  
Portland, Oregon

The foregoing field notes of the dependent resurvey of the south, east, and west boundaries, a portion of the subdivisional lines, and subdivision of certain sections, township 7 south, range 32 east, Willamette Meridian, Oregon,

executed by Thomas E. Caster and Scott R. McMullin, 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 T. 7 S., R. 32 E., Willamette Meridian, Oregon, is a true copy of the original field notes.

(Date) (Chief Cadastral Surveyor of Oregon)