

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R622

FIELD NOTES

153

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

SUBDIVISION OF SECTION 13,

TOWNSHIP 5 NORTH, RANGE 30 EAST,

Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

William D. Kimmel, Cadastral Surveyor

Under special instructions dated May 14, 1980, approved May 15, 1980

_____, which provided for the surveys included under U.S. Survey/Group
Number 1015, and assignment instructions dated July 3, 1980
and April 1, 1981.

Survey commenced May 7, 1981

Survey completed May 15, 1981

R052

153

FIELD NOTES

154

OF THE

DEPENDENT RESERVE OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

SUBDIVISION OF SECTION 13,

TOWNSHIP 5 NORTH
INDEX DIAGRAM

Township 5 North, Range 30 East,

6	5	4	3	2	1
7	8	9	10	11	12
					4
18	17	16	15	14	2 13
					1
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of section 13 Page 5

Number 1012 and assignment instructions dated July 3, 1980, which provided for the surveys included under U.S. Survey Group and April 1, 1981.
Survey commenced May 7, 1981
Survey completed May 15, 1981

T. 5 N., R. 30 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 13, Township 5 North, Range 30 East, Willamette Meridian, Oregon.

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

The east boundary of the township was surveyed by David P. Thompson in 1859.

The north boundary of the township and the subdivisional lines were surveyed by Dolphus S. Payne in 1861. During the course of these surveys, Payne retraced the line between sections 19 and 24 on the east boundary of the township.

The north boundary of the township was resurveyed by Charles M. Collier in 1911.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 14, 1980, under Group No. 1015, Oregon.

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

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. All lines not forming a closure were measured twice.

The geographic position of the corner of sections 13, 18, 19, and 24 on the east boundary of the township, as computed by a direct tie to the U.S. Army Corps of Engineers' triangulation station "RIM, 1941" is as follows:

Latitude $45^{\circ} 54' 26.7''$ N. Longitude $118^{\circ} 59' 39.9''$ W.

The mean magnetic declination is 20° E.

Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 5 N., R. 30 E., Willamette Meridian, Oregon

(Restoring the survey by David P. Thompson, U.S. Deputy Surveyor, in 1859, the survey and resurvey by Dolphus S. Payne, U.S. Deputy Surveyor, in 1861, and the resurvey by Charles M. Collier, U.S. Surveyor, in 1911)

Beginning at the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the W. bdy., T. 5 N., R. 31 E., executed concurrently under this same group.

N. $89^{\circ} 13'$ W., bet. secs. 13 and 24, marking the true line.

156

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 N., R. 30 E., Willamette Meridian, Oregon

CHAINS

	Descend 70 ft. over SW. slope, across cultivated land.
6.60	Dirt road, 20 lks. wide, bears N. 25° E. and S. 15° W., also bottom of descent, slopes S.; asc. 70 ft. over SE. slope.
11.70	Top of ascent, slopes SW.; desc. 30 ft. over rolling land.
37.90	Draw, drains SW.; asc. 10 ft. over SE. slope.
39.32	Point for the 1/4 sec. cor. of secs. 13 and 24, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. T 5 N R 30 E 1/4 S 13 S 24 1981 Set a steel fence post alongside the iron post. Corner is located in uncultivated area between cultivated fields. Ascend 30 ft. over SE. slope.
49.45	Top of ascent, slopes S.; desc. 90 ft. over W. slope.
54.35	Leave cultivated land, edge bears N. 70° E. and S. 70° W., enter light sagebrush.
78.64	The cor. of secs. 13, 14, 23, and 24, monumented with an unmarked basalt stone, 16 x 11 x 6 ins., firmly set 14 ins. in the ground, at fence intersection, with traces of wire fences extending S. and W., and a wire fence extending N. 85° E. and W. This position is harmoniously related with identified existing corners in the area, 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, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T 5 N R 30 E S 14 S 13 S 23 S 24 1981 Deposit the stone alongside the iron post. Land, rolling hills. Soil, volcanic ash. Vegetation, wheat, sagebrush, and grass.
5.70	N. 0° 18' E., bet. secs. 13 and 14. Descend 30 ft. over NW. slope through moderate sagebrush. Draw, drains SW.; asc. 30 ft. over rolling land.

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 N., R. 30 E., Willamette Meridian, Oregon

CHAINS	
29.80	Dirt road, 15 lks. wide, bears N. 55° E. and S. 55° W.
40.04	Point for the ¼ sec. cor. of secs. 13 and 14, at proportionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">T 5 N R 30 E ¼ S 14 S 13 1981</p> <p>Corner is located on top of ascent, slopes SW. Descend 95 ft. over broken N. slope.</p>
75.30	Underground gas pipeline, bears N. 55° E. and S. 55° W.
80.08	Point for the cor. of secs. 11, 12, 13, and 14, at proportionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">T 5 N R 30 E S 11 S 12 S 14 S 13 1981</p> <p>From this point, the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., bears N. 0° 09' W., 159.67 chs. dist., monumented with a basalt stone, 12 x 10 x 8 ins., mkd. with 1 groove on the E. face and 5 grooves on the W. face, firmly set 10 ins. in the ground, in a mound of stone, 2½ ft. base, 1 ft. high, with pieces of charcoal buried under the corner stone and the remains of an old wooden post lying alongside.</p>
	At the corner point Set an aluminum post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with aluminum cap mkd.
	<p style="text-align: center;">T 6 N R 30 E S 35 S 36 S 2 S 1 T 5 N 1981</p> <p>Deposit the corner stone alongside the iron post.</p>
	From this same point, the cor. of secs. 7, 8, 17, and 18, bears N. 89° 51' W., 323.53 chs. dist., perpetuated and recorded by Wayne O. Harris, Registered Land Surveyor No. 346, in 1966, from original evidence no longer in existence, subsequently perpetuated and recorded by the U.S. Army Corps of Engineers in 1978, monumented with a brass tablet, 3½ ins. diam., cemented in top of a concrete cylinder, 6 ins. diam., firmly set, flush with top of ground, mkd.

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 N., R. 30 E., Willamette Meridian, Oregon

CHAINS

CORPS OF ENGINEERS-ARMY
CC-2102 = CCA

COR. 7-8-18-17

from which

The NE. support leg of a steel Bonneville Power Administration transmission line tower, bears S. 33° 00' E., 118½ lks. dist.

The most southerly pole of a 3 pole power line support, with an aluminum tag mkd. B 568 bears N. 22½° W., 35½ lks. dist.

From this point, U.S. Army Corps of Engineers' triangulation station "RIM" bears S. 73° 10' W., 28.24 chs. dist., monumented with a standard bronze disk, 3½ ins. diam., cemented in drill hole, in exposed bedrock, mkd. RIM 1941 and a triangle.

These control lines were fully retraced and careful search was made for evidence of intervening corners, none of which were recovered.

Land, rolling hills.

Soil, sandy.

Vegetation, sagebrush and grass.

From the corner of sections 7, 12, 13, and 18, on the E. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the W. bdy., T. 5 N., R. 31 E., executed concurrently under this same group.

N. 89° 21' W., bet. secs. 12 and 13.

Descend 25 ft. over rolling land through light sagebrush.

16.90 Wire fence, bears N. and S., enter area of livestock pens.

26.85 Wire fence, bears N. and S., leave livestock pens, enter light sagebrush.

39.32 Point for the ¼ sec. cor. of secs. 12 and 13, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T 5 N R 30 E

¼ S 12
S 13

1981

Descend 40 ft. over rolling land.

72.45 Underground gas pipeline, bears N. 55° E. and S. 55° W.

78.64 The cor. of secs. 11, 12, 13, and 14.

Land, rolling hills.

Soil, sandy.

Vegetation, sagebrush.

Subdivision of Section 13,
T. 5 N., R. 30 E., Willamette Meridian, Oregon

CHAINS	
	From the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
	N. $0^{\circ} 18' E.$, on the N. and S. center line of sec. 13.
	Ascend 20 ft. over SE. slope through light sagebrush, along intermittent remains of old, downed wire fence.
1.30	Top of ascent, slopes SE.; desc. 40 ft. over rolling land.
4.10	Wire fence, bears N. $70^{\circ} E.$ and S. $70^{\circ} W.$
40.09	Point for the center $\frac{1}{4}$ sec. cor. of sec. 13, at intersection with the E. and W. center line.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T 5 N R 30 E
	C $\frac{1}{4}$ S 13
	1981
	Set a steel fence post alongside the iron post.
	Descend 95 ft. over rolling land.
40.40	Dirt road, 15 lks. wide, bears N. $85^{\circ} E.$ and S. $85^{\circ} W.$
80.18	The $\frac{1}{4}$ sec. cor. of secs. 12 and 13.
	From the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the W. bdy., T. 5 N., R. 31 E., executed concurrently under this same group.
	N. $89^{\circ} 17' W.$, on the E. and W. center line of sec. 13.
	Descend 35 ft. over rolling land through light sagebrush.
39.32	The center $\frac{1}{4}$ sec. cor. of sec. 13.
	Descend 45 ft. over rolling land along intermittent remains of old downed wire fence.
78.64	The $\frac{1}{4}$ sec. cor. of secs. 13 and 14.
	GENERAL DESCRIPTION
	The portion of Township 5 North, Range 30 East, which was surveyed, lies approximately $4\frac{1}{2}$ miles northeast of the town of Holdman, Oregon. The area is rolling with an average elevation in section 13 of about 1,100 feet above sea level, with very little elevation change.
	The area is drained to the south by draws draining southwest into Cold Springs Canyon, and to the north by draws draining northwest into the Columbia River. Water is scarce at most times of the year.
	Access is gained by county and private road branching off from State Highway 37 which runs generally east and west through the middle of the township.

CHAINS

The soil is sandy and subject to wind erosion. The south portion of section 13 supports dry land wheat farming. The remainder of the section is covered with sagebrush, cheatgrass, and various other grasses and weeds.

No mineral deposits were noted along the lines surveyed.

The average of several readings throughout the area gives a value of 20° E. for the mean magnetic declination. There is a range of 0° 30' due to local attraction.

	<p>Ascend 20 ft. over SE. slope through along intermittent remains of old, downed wire fence.</p> <p>Top of ascent, slopes SE. desc. 40.30 surveyed.</p> <p>land.</p> <p>Point for the center of sec. of intersection with the E. and W. center line.</p> <p>40.09</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., in the ground, with brass cap mtd.</p> <p>T 5 N R 30 E</p> <p>C 4 S 13</p> <p>1981</p> <p>Set a steel fence post alongside the iron post.</p> <p>Descend 25 ft. over rolling land.</p> <p>40.40</p> <p>Dirt road, 12 lks. wide, bears N. 85° E. and S. 85° W.</p> <p>80.18</p> <p>The 1/2 sec. cor. of secs. 12 and 13.</p>	
	<p>From the 1/2 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., described in the field notes of the survey of a portion of the W. bdy., T. 5 N., R. 31 E., executed concurrently under this same group.</p> <p>N. 89° 17' W., on the E. and W. center line of sec. 13.</p> <p>Descend 35 ft. over rolling land through light sagebrush.</p> <p>The center 1/2 sec. cor. of sec. 13.</p> <p>39.32</p> <p>Descend 45 ft. over rolling land along intermittent remains of old downed wire fence.</p> <p>The 1/2 sec. cor. of secs. 13 and 14.</p> <p>78.64</p>	
	<p>GENERAL DESCRIPTION</p> <p>The portion of Township 5 North, Range 30 East which was surveyed, lies approximately 4 1/2 miles northeast of the town of Holdman, Oregon. The area is rolling with an average elevation in section 13 of about 100 feet above sea level, with very little elevation change.</p> <p>The area is drained to the south by draws draining southwest into Cold Springs Canyon, and to the north by draws draining northwest into the Columbia River. Water is scarce at most times of the year.</p> <p>Access is gained by county and private road branching off from State Highway 57 which runs generally east and west through the middle of the township.</p>	

162

CERTIFICATE OF SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Form 9600-11 (August 1979)

(I) ~~(We)~~, William D. Kimmel, Cadastral Surveyor, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of May, 19 80, (I) ~~(We)~~ have dependently resurveyed a portion of the subdivisional lines, and subdivided section 13, Township 5 North, Range 30 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, 1981 (Date) William D. Kimmel (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Denver, Colorado Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 13, Township 5 North, Range 30 East, Willamette Meridian, Oregon,

executed by William D. Kimmel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

October 14, 1983 (Date) William W. Glenn (Chief, Cadastral Survey Examination and Approval Staff) 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) Chief Cadastral Surveyor of Oregon