

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

CORRECTIVE DEPENDENT RESURVEY AND
DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

(FOURTH STANDARD PARALLEL SOUTH),

TOWNSHIP 18 SOUTH, RANGE 9 WEST,

AND

CORRECTIVE DEPENDENT RESURVEY OF A
PORTION OF THE SUBDIVISIONAL LINES

AND THE SUBDIVISION OF SECTION 2,

TOWNSHIP 19 SOUTH, RANGE 9 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Rick A. McMullen, Cadastral Surveyor

Under Special Instructions dated September 18, 1989,

approved September 18, 1989,

and Supplemental Special Instructions dated February 9, 1990,

approved February 13, 1990,

which provided for the surveys included under Group No. **1512,**

and Assignment Instructions dated September 20, 1989, and February 28,
1990.

Survey commenced September 21, 1989

Survey completed June 25, 1990

T. 19 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the corrective dependent resurvey and dependent resurvey of a portion of the south boundary (Fourth Standard Parallel South), township 18 south, range 9 west, and the corrective dependent resurvey of a portion of the subdivisional lines and the subdivision of section 2, township 19 south, range 9 west, Willamette Meridian, Oregon.

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

In 1855, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, surveyed the Fourth Standard Parallel South through range 9 west.

In 1882, Lewis D. Smith, U.S. Deputy Surveyor, resurveyed portions of the Fourth Standard Parallel South establishing new corners for township 18 south, range 9 west, and subdivided that township.

In 1899, Henry L. Chandler, U.S. Deputy Surveyor, resurveyed the Fourth Standard Parallel South through range 9 west and surveyed the subdivisional lines of township 19 south, range 9 west.

In 1929, Norman D. Price, U.S. Surveyor, resurveyed the Fourth Standard Parallel South through range 9 west.

In 1957 and 1958, Thomas A. Tillman, Robert L. Holm, and Floyd A. Brooks, Cadastral Surveyors, resurveyed the east boundary and portions of the west boundary and subdivisional lines of township 19 south, range 9 west. The plat was accepted and the notes approved January 7, 1963. Subsequently, during the preliminary work authorized under this group, it was discovered that the closing corner of sections 1 and 2, the $\frac{1}{4}$ section corner of sections 1 and 2, and the $\frac{1}{4}$ section corner of sections 2 and 11 were erroneously positioned, requiring corrective action.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and Special Instructions dated September 18, 1989, and Supplemental Special Instructions dated February 9, 1990, for Group No. 1512.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. 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.

The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation.

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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 corner of sections 2, 3, 10, and 11, as determined by a tie to geodetic control station No. EC-41062, established by the Bureau of Land Management in 1990, is as follows:

Latitude 43° 56' 38.59" N. Longitude 123° 44' 49.32" W.

The mean magnetic declination is 19° East.

**Corrective Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon**

(Restoring the survey by Harvey Gordon and Charles T. Gardner, in 1855, the resurvey by Lewis D. Smith, in 1882, the resurvey by Henry L. Chandler, in 1899, the resurvey by Norman D. Price, in 1929, and correcting the resurvey by Thomas A. Tillman, Robert L. Holm, and Floyd A. Brooks, in 1957-58)

Beginning at the standard ¼ sec. cor. of sec. 36, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.

SC
¼ S 36
1929

from which bearing trees mkd. by Price

A fir, 43 ins. diam., bears N. 15° E., 64 lks. dist., with healed blaze.

A fir, 36 ins. diam., bears N. 52° W., 14 lks. dist., with healed blaze.

N. 89° 59' 00" W., on the S. bdy. of sec. 36.

Descend over SW. slope, through moderate timber and undergrowth.

4.95 Creek, 5 lks. wide, course S.; asc. over SE. slope.

11.40 Creek, 5 lks. wide, course S. 75° E.; asc. over NE. slope.

20.95 Spur, slopes S. 60° E.; desc. over SW. slope.

Corrective Dependent Resurvey of a Portion of the South Boundary
 (Fourth Standard Parallel South),
 T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

26.380

Point for the closing cor. of secs. 1 and 2, T. 19 S., R. 9 W., at proportionate distance; there is no remaining evidence of the original corner.

From this point, the closing cor. of secs. 1 and 2 erroneously reestablished by Tillman, Holm, and Brooks in 1957-58, bears N. $11^{\circ} 03' 00''$ W., 0.265 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the official record, from which bearing trees mkd. by Tillman, Holm, and Brooks:

A fir, 20 ins. diam., bears S. $74\frac{1}{2}^{\circ}$ E., 31 lks. dist., with healed blaze. (Record, S. 84° E., 26 lks.)

A fir, 37 ins. diam., bears S. $65\frac{1}{2}^{\circ}$ W., $62\frac{1}{2}$ lks. dist., with healed blaze. (Record, S. 59° W., 52 lks.)

and a bearing tree mkd. by person(s) unknown

A fir, 12 ins. diam., bears S. $87\frac{1}{4}^{\circ}$ E., 14 lks. dist., with healed blaze.

Remove the iron post, and at the true corner point

Reset the iron post, 36 ins. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 18 S R 9 W
S 36
 S 2 * S 1
 C * C
 T 19 S R 9 W
 1990
 1957

from which

A fir, 30 ins. diam., bears S. $43\frac{1}{4}^{\circ}$ E., 72 lks. dist., mkd. T19S R9W S1 CC BT.

A fir, 14 ins. diam., bears S. $25\frac{1}{2}^{\circ}$ W., 24 lks. dist., mkd. T19S R9W S2 CC BT.

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

Ascend over SE. slope through moderate timber and undergrowth.

31.35

Graveled road, 20 lks. wide, bears N. 30° E. and S. 30° W.

32.90

Graveled road, 20 lks. wide, bears N. 20° W. and S. 20° E.

Corrective Dependent Resurvey of a Portion of the South Boundary
 (Fourth Standard Parallel South),
 T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

39.300

The standard cor. of secs. 35 and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

SC
 T 18 S R 9 W
S 35 * S 36
 S 2
 T 19 S R 9 W
 1957

from which the bearing trees mkd. by Price

A fir, 18 ins. diam., bears N. 54° E., 31 lks. dist.,
 with healed blaze.

A fir, 19 ins. diam., bears N. 36° W., 21 lks. dist.,
 with healed blaze. (Record, 22 lks.)

Dependent Resurvey of a Portion of the South Boundary
 (Fourth Standard Parallel South),
 T. 18 S., R. 9 W., Willamette Meridian, Oregon

(Restoring the survey by Harvey Gordon and Charles T. Gardner in 1855, the resurvey by Henry L. Chandler in 1899, the resurvey by Norman D. Price in 1929, and the resurvey by Thomas A. Tillman, Robert L. Holm, and Floyd A. Brooks in 1957-58)

From the standard cor. of secs. 35 and 36.

N. 89° 56' 30" W., on the S. bdy. of sec. 35.

Descend over SW. slope, through moderate timber and undergrowth.

8.10

Knowles Creek, 15 lks. wide, course N. 10° E.; asc. over SE. slope.

26.205

Point for the ¼ sec. cor. of sec. 2 only, T. 19 S., R. 9 W., at midpoint on the N. bdy. of sec. 2.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 18 S R 9 W

 1/4 S 2
 T 19 S R 9 W
 1990

Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

from which

A fir, 26 ins. diam., bears S. $51\frac{1}{4}^{\circ}$ E., 22 $\frac{1}{2}$ lks. dist.,
mkd. X BT.

A fir, 17 ins. diam., bears S. $72\frac{3}{4}^{\circ}$ W., 18 $\frac{1}{2}$ lks. dist.,
mkd. $\frac{1}{4}$ S2 BT.

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

26.90 Ridge, bears N. 60° E. and S. 60° W.; desc. over NW. slope.

39.300 The standard $\frac{1}{4}$ sec. cor. of sec. 35, monumented with an iron post,
1 in. diam., firmly set, projecting 18 ins. above ground, with
brass cap mkd.

SC
 $\frac{1}{4}$ S 35
1929

from which bearing trees mkd. by Price

A fir, 15 ins. diam., bears N. $16\frac{3}{4}^{\circ}$ E., 21 $\frac{1}{2}$ lks. dist.,
with healed blaze. (Record, N. 25° E., 23 lks.)

A fir, 19 ins. diam., bears N. 35° W., 37 lks. dist.,
with healed blaze.

N. $89^{\circ} 55' 00''$ W., beginning new measurement.

Descend over NW. slope.

6.70 Creek, 5 lks. wide, course N.; asc. over NE. slope.

26.030 The closing cor. of secs. 2 and 3, T. 19 S., R. 9 W., monumented
with an iron post, 2 $\frac{1}{2}$ ins. diam., firmly set, projecting 8 ins.
above the ground, with brass cap mkd.

T 18 S R 9 W
S 35
S 3 * S 2
C C
T 19 S R 9 W
1957

from which bearing trees mkd. by Tillman, Holm and Brooks

A fir, 32 ins. diam., bears S. $89\frac{1}{4}^{\circ}$ E., 59 lks. dist.,
with healed blaze.

A fir, 30 ins. diam., bears S. 57° W., 65 lks. dist.,

**Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS

with healed blaze. (Record, S. 55¼° W.)

S. 89° 48' 00" W., beginning new measurement.

Ascend over SE. slope.

4.35 Spur, slopes N. 50° E.; desc. over NW. slope.

13.025 The standard cor. of secs. 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.

SC
T 18 S * R 9 W
S 34 * S 35
1929

from which the remains of bearing trees mkd. by Price

A sawed fir stump, 34 ins. diam., bears N. 54° E., 10 lks. dist., with healed blaze.

A decayed fir stump, 20 ins. diam., bears N. 81° W., 64 lks. dist., no marks visible.

and the remains of a bearing tree mkd. by Tillman, Holm, and Brooks

A sawed fir stump, 25 ins. diam., bears N. 73½° W., 92 lks. dist., with healed blaze.

and new bearing trees

A fir, 6 ins. diam., bears N. 5¼° E., 26 lks. dist., mkd. T18S R9W S35 SC BT.

A fir, 4 ins. diam., bears N. 29½° W., 17½ lks. dist., mkd. X BT.

**Corrective Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 19 S., R. 9 W., Willamette Meridian, Oregon**

(Restoring the survey by Henry L. Chandler, in 1899,
and correcting the resurvey by Thomas A. Tillman,
Robert L. Holm, and Floyd A. Brooks in 1957-58)

From the cor. of secs. 1, 2, 11 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

T 19 S R 9 W
S 2 * S 1

S 11*S 12
1957

from which remains of bearing trees mkd. by Tillman, Holm, and Brooks

A fir, 41 ins. diam., bears N. $6\frac{1}{2}^{\circ}$ E., 33 lks. dist., with healed blaze.

A fir, 32 ins. diam., bears S. $72\frac{1}{4}^{\circ}$ E., 31 lks. dist., with healed blaze. (Record, 34 lks.)

A fir, 38 ins. diam., bears S. 44° W., 63 lks. dist., with healed blaze.

A sawed fir stump, 30 ins. diam., bears N. 63° W., 36 lks. dist., with scribe marks R9W S2 BT visible on opened blaze.

No other suitable trees available in sec. 2.

N. $0^{\circ} 30' 30''$ E., bet. secs. 1 and 2.

Descend over NW. slope, along the W. edge of timber.

3.00 Creek, 5 lks. wide, course N. 80° E.; asc. over SE. slope.

7.70 Spur, slopes S. 45° E.; desc. over NE. slope. Also, enter heavy timber and moderate undergrowth.

10.15 Ravine, drains S. 65° E.; asc. over SE. slope.

14.20 Creek, 10 lks. wide, course S. 15° E.; asc. over S. slope.

35.30 Spur, slopes S. 85° W.; desc. over NE. slope.

38.10 Spur, slopes N. 70° W.; desc. over NW. slope.

40.455 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, at proportionate distance; there is no remaining evidence of the original corner.

From this point, the $\frac{1}{4}$ sec. cor. of secs. 1 and 2 erroneously reestablished by Tillman, Holm, and Brooks in 1957, bears N. $20^{\circ} 55'$ W., 0.178 chs. dist., monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. and witnessed as described in the official record. Remove the iron post, and at the true corner point

Reset the iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS	
	T 19 S 1/4 S 2*S 1 R 9 W 1990 1957
	from which bearing trees mkd. by Tillman, Holm, and Brooks A fir, 11 ins. diam., bears N. 35° E., 30½ lks. dist., with healed blaze. A fir, 26 ins. diam., bears N. 35¼° W., 47½ lks. dist., with healed blaze. Deposit a white "DEEP-1" magnetic marker at the base of the iron post. Descend over NW. slope.
49.50	Ravine, drains N. 25° E.; asc. over SE. slope.
57.10	Ravine, drains S. 30° E.; asc. over SE. slope.
59.320	The closing cor. of secs. 1 and 2, on the S. bdy. of sec. 36, T. 18 S., R. 9 W., hereinbefore described. From this point, the standard cor. of secs. 35 and 36, T. 18 S., R. 9 W., bears N. 89° 59' 00" W., 12.920 chs. dist., hereinbefore described.
	From the cor. of secs. 1, 2, 11, and 12. S. 89° 09' 30" W., bet. secs 2 and 11. Descend over NW. slope, through logged area with heavy undergrowth.
1.85	Ravine, drains N. 35° E.; asc. over NW. slope.
16.25	Creek, 5 lks. wide, course N. 70° E.; asc. over SE. slope.
25.20	Graveled road, 30 lks. wide, bears N. 60° E. and S. 60° W.
28.80	Ridge, bears N. 60° E. and S. 60° W.; desc. over NW. slope. Leave logged area, enter medium timber, edge bears N. 55° E. and S. 55° W.
39.270	Point for the 1/4 sec. cor. of secs. 2 and 11 at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
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CHAINS

From this point, the $\frac{1}{4}$ sec. cor. of secs. 2 and 11, erroneously reestablished by Tillman, Holm, and Brooks in 1957, bears S. $76^{\circ} 24' W.$, 0.530 chs. dist., monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. and witnessed as described in the official record. Remove the iron post, destroy marks on the SE. bearing tree, and at the true corner point

Reset the iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 19 S R 9 W
S 2
1/4 -----
S 11
1990 1957

from which a bearing tree mkd. by Tillman, Holm, and Brooks

A fir, 25 ins. diam., bears S. $79\frac{1}{2}^{\circ} W.$, $65\frac{1}{2}$ lks. dist., with healed blaze.

and a new bearing tree

A fir, 26 ins. diam., bears N. $70\frac{1}{4}^{\circ} E.$, 56 lks. dist., mkd. 1/4 S2 BT.

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

Descend over NW. slope.

44.00 Knowles Creek, 10 lks. wide, course N. $15^{\circ} E.$; asc. over SE. slope.

61.40 Ridge, bears N. $15^{\circ} E.$ and S. $15^{\circ} W.$; desc. over NW. slope. Also, leave timber, enter logged area, edge bears same.

61.75 Graveled road, 20 lks. wide, bears N. $15^{\circ} E.$ and S. $15^{\circ} W.$

65.30 Ravine, drains N. $5^{\circ} E.$; asc. over NE. slope.

67.15 Spur, slopes N. $5^{\circ} E.$; desc. over NW. slope.

69.90 Creek, 5 lks. wide, course N. $10^{\circ} E.$; asc. over NE. slope.

72.75 Spur, slopes N. $30^{\circ} W.$; desc. over NW. slope.

78.540 The cor. of secs. 2, 3, 10, and 11, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the South Boundary
(Fourth Standard Parallel South),
T. 18 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

T 19 S R 9 W
S 3*S 2

S 10*S 11
1957

from which remains of bearing trees mkd. by Tillman, Holm, and Brooks

A fir snag, 32 ins. diam., bears N. 17N E., 58 lks. dist., with scribe marks T19S R9W S2 B visible on open blaze. (Record, 60 lks.)

A sawed fir stump, 43 ins. diam., bears S. 57N E., 43½ lks. dist., with healed blaze. (Record, 49 lks.)

A sawed fir stump, 20 ins. diam., bears S. 39N W., 81 lks. dist., with scribe marks T19S R9W S10 BT visible on open blaze. (Record, 86 lks.)

A root hole, bears N. 65N W., 35 lks. dist., alongside of which is lying a sawed fir stump, 32 ins. diam., with scribe marks 9W 3 visible on open blaze.

and the remains of a bearing tree mkd. by person(s) unknown

A root hole, bears N. 74¼° W., 67 lks. dist., alongside of which is lying a fir, 41 ins. diam., with scribe marks 3 SE SC BT visible on open blaze.

and new bearing trees

A fir, 40 ins. diam., bears N. 77N E., 59 lks. dist., mkd. T19S R9W S2 BT.

A fir, 33 ins. diam., bears N. 72N W., 156½ lks. dist., mkd. T19S R9W S3 BT.

From this point, the Bureau of Land Management Control Station No. EC-41062, at latitude 43N 56' 35.458" N. and longitude 123N 44' 43.661" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears S. 52° 35' 42" E., 7.902 chs. dist., monumented with an aluminum rod, 36 ins. long, ¾ in. diam., in PVC pipe filled with gravel, with an aluminum tablet, 3¾ ins. diam., firmly set flush with surface of the ground, mkd. EC 41062 1990 and a triangle.

Subdivision of Section 2,
T. 19 S., R. 9 W., Willamette Meridian, Oregon

**Subdivision of Section 2
T. 19 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS	
	From the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
	N. 0N 39' 30" E., on the N. and S. center line of sec. 2.
	Descend over NW. slope, through heavy timber and moderate undergrowth.
8.10	Knowles Creek, 10 lks. wide, course N. 30° E.; asc. over SE. slope.
15.60	Spur, slopes S. 85° E.; desc. over NE. slope.
18.25	Creek, 10 lks. wide, course S. 75° E.; asc. over SE. slope.
27.20	Spur, slopes N. 70° E.; desc. over NW. slope.
35.000	Point selected for a witness point on the N. and S. center line of sec. 2.
	Set a stainless steel post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T 19 S R 9 W WP C S * 2 C 1990
	from which
	A maple, 18 ins. diam., bears N. 18N E., 88 $\frac{1}{2}$ lks. dist., mkd. T19S R9W S2 WP BT.
	A fir, 30 ins. diam., bears N. 58N W., 64 lks. dist., mkd. T19S R9W S2 WP BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	Descend over NW. slope.
44.15	Creek, 10 lks. wide, course N. 40° E.; asc. over SE. slope.
48.85	Spur, slopes N. 60° E.; desc. over NE. slope.
59.945	The $\frac{1}{4}$ sec. cor. of sec. 2 only, on the N. bdy. of the Tp.

T. 19 S., R. 9 W., Willamette Meridian, Oregon**CHAINS****GENERAL DESCRIPTION**

The lands included in this resurvey are located in Lane County about 16 miles southeast of the community of Noti, Oregon. The area is reached by proceeding southeasterly from Noti along U.S. Highway No. 126, an asphalt surfaced highway which traverses along the Siuslaw River. Gravel surfaced roads branch off U.S. Highway No. 126 providing access to the area. The elevation ranges from about 800 feet above sea level at Knowles Creek on the north boundary of section 2, up to about 1600 feet above sea level near the south boundary of section 2. The soil is primarily a rocky clay with some clay loam along Knowles Creek.

Section 2 is drained by Knowles Creek which flows northerly into the Siuslaw River.

The timber cover is generally dense and consists primarily of Douglas fir, hemlock, cedar, alder, and maple. The undergrowth is dense throughout the area and is salmonberry, arrowwood, hazel, salal, poison oak, blackberry, rhododendron, chinquapin, fern, and Oregon grape. The land is chiefly valuable for timber resources.

No mineral deposits were noted along the lines resurveyed and there is no mining activity within the area.

The mean magnetic declination is 19N East, as shown on the "ROMAN NOSE MTN., OREG." 7½ minute series quadrangle, provisional edition, published by the United States Geological Survey in 1984.