

M 118-20

Survey No. M 118-20  
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SURVEY NARRATIVE to comply with O.R.S. 209.250

**FILED** *PC*

DATE: July, 1991 to September, 1993.

SURVEYED FOR: United States Department of Agriculture  
Umpqua National Forest  
P.O. Box 1008  
Roseburg, Oregon 97470

JAN 5 1994

**COUNTY SURVEY**  
~~ROSEBURG~~ COUNTY, OR

SURVEYED BY: Gerald V. Nygren, PLS  
522 Barker Drive  
Merlin, Oregon 97532

LOCATION: Section 2, Township 32 South, Range 1 West,  
Willamette Meridian, Douglas County, Oregon.

NOTE: The 1980 survey referred to in this narrative  
is recorded in the Douglas County Surveyor's  
Office as No. M79-53 and in the Jackson County  
Surveyor's Office as No. 8498.

PURPOSE: Reestablish the East and West Quarter corners  
of said Section 2. Resubdivide said  
Section 2. Reset corners established in the  
1980 survey. Resurvey and mark the South line  
of Lots 9, 10, 11, & 12. Resurvey and mark from  
the Southwest corner of said Section 2 to the  
East One-sixteenth corner on the South line of  
said Section 2. Mark the West line of said  
Section 2 from the Southwest corner of said  
Section 2 to the North One-sixteenth corner on  
the West line of said Section 2.

HISTORY: The North line of Section 2 was first  
established by Rufus Moore in 1883. In 1922,  
Mensch, G.L.O. surveyor, reran the Township  
line at the direction of the G.L.O. and labeled  
Moore's corners as angle points. Mensch  
monumented the Northwest corner of said Section  
2 with brass cap stamped "CC" (Closing Corner).  
In 1968 the remaining corners that control the  
North line of said Section 2 were perpetuated  
with brass caps set by the Douglas County  
Surveyor. The South, East, and West lines of  
said Section 2 were established by Rufus Moore  
in 1883. In 1949 the West Quarter corner of  
said Section 2 was set by Art Boyer per C.S.  
40/214 and found out of position per this  
survey. In 1955 the Southwest corner of said  
Section 2 was perpetuated with brass cap set by  
the General Land Office.

In 1980, Gerald Nygren, under contract with the  
United States Department of Agriculture,  
subdivided said Section 2. Nygren established  
the North Quarter corner by single proportion.  
Nygren re-established the South Quarter corner

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by single proportion but the original corner has since been found. Nygren re-established the East and West Quarter corners by single proportion.

In 1991, Harold Center, surveyor for the United States Forest Service, contacted Nygren and expressed his concern about the method used to re-establish the East and West Quarter corners in the 1980 survey and that an alternate method may be feasible. Nygren agreed with Center and a contract was made to check the feasibility of an alternate method and re-subdivide said Section 2 if an alternate method was found, using for control the same corners used in his 1980 survey with the exception of the East, West and South Quarter corners.

It is apparent in my 1980 survey that said Section 2 is several hundred feet longer than record along the East and West closing lines and that it was probable that Rufus Moore stubbed the East and West Quarter corners in by running North from the Southeast and Southwest Section corners the record distance of 40.00 chains. To confirm this possibility, I retraced his original notes and found the distance to his original topographic calls to be reasonably close for 40.00 chain and the topographic calls North of 40.00 chains were very erratic. The proportioned West Quarter corner per my 1980 survey falls North of the creek called at 44.00 chains whereas if I used record distance from the Southwest Section corner the West Quarter corner would fall on the South side of the creek as indicated in the original notes. The proportioned East Quarter corner per my 1980 survey falls on a West slope a short distance North of a small creek which was not called in the original notes whereas if I used record distance from the nearest definite call to the South of the East Quarter corner it would fall on a East slope as indicated in the original notes and also as indicated by Robert E. Kleiner (see exhibit "A") who recovered the East Quarter corner in 1949.

Considering the above evidence, I conclude that the West Quarter corner of said Section 2 should be re-established at record distance from the nearest definite record call to the South which would be the Southwest Section corner and the East Quarter corner of said Section 2 should be re-established at record distance from the nearest definite record call to the South which would be the creek call at

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22.10 chains North of the Southeast Section corner. The alignment from the Southeast Section corner to the North-sixteenth corner on the East line and from the Southwest Section corner to the North-sixteenth corner on the West line is along or near original blazed trees and old cut lines.

All appurtenant information was submitted to Harold L. Center, Land surveyor for the Rogue River National Forest, who corresponded with Wayne M. Gardner, Branch Chief for the Bureau of Land Management, dated March 31, 1993. See Exhibit "A" filed with this narrative.

Correspondence from Wayne M. Gardener to Harold L. Center, dated April 16, 1993, concurs with this alternate method of re-establishing the lost one-quarter corners. See Exhibit "B" filed with this narrative.

PROCEDURE: I recovered and used my 1980 survey control to execute this survey. I did not visit the corners situated on or near the North line of said Section 2. I will refer to my 1980 survey for corner assessories to corners not visited this survey.

The following described corners were used to control this survey or were set in this survey:

- (1) See 1980 survey. The Northwest corner of said Section 2 (closing corner) was monumented with a General Land Office Brass Cap . Not visited this survey.
- (2) See 1980 survey. Angle Point on Township line was monumented with County Surveyor Brass Cap. Not visited this survey.
- (3) See 1980 survey. The North Quarter corner of said Section 2 was monumented with Aluminum Cap per 1980 survey. Not visited this survey.
- (4) See 1980 survey. Angle Point on Township line was monumented with County surveyor Brass Cap. Not visited this survey.
- (5) See 1980 survey. The Northeast corner of said Section 2 (closing corner) was monumented with County Surveyor Brass Cap. Not visited this survey.
- (6) See 1980 survey. Angle Point on Township line was monumented with County Surveyor Brass Cap. Not visited this survey.

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- (7) At the 1/16 80 corner (Northeast corner of Lot 9)  
I set a 2 1/2" X 30" Aluminum Pipe with aluminum cap  
stamped:

T32S R1W WM  
1/16  
S2 S1  
80  
RESET 1993  
PLS 1035 1980

New references established this survey:

A Douglas Fir, 12 inches in diameter, bears N4°E, 155.6  
feet distance, scribed "1/16 80 S1 BT", this tree was  
scribed and used for bearing tree in 1980 survey.

A Douglas fir, 10 inches in diameter, bears N25°W, 175.8  
feet distance, scribed "1/16 80 S2 BT", this tree was  
scribed and used for bearing tree in 1980 survey.

A 5/8" X 30" iron rod with yellow plastic cap marked  
"NYGREN LS1035", bears N0°20'55"W, 100.24 feet distance.

- (8) At the North One-sixteenth corner common to Sections 2  
and 3, I set a 2 1/2" X 30" aluminum pipe with aluminum  
cap stamped:

T32S R1W WM  
N1/16  
  
S3 S2  
  
Reset 1993  
1980  
PLS 1035

New references established this survey:

A Douglas Fir, 9 inches in diameter, bears N17°E, 2.1  
feet distance, scribed "N1/16 S2 BT".

A Douglas Fir, 8 inches in diameter, bears N66°W, 12.4  
feet distance, scribed "N1/16 S3 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked  
"NYGREN LS1035", bears N0°32'44"W, 196.16 feet distance.

- (9) At the Center North One-sixteenth corner of said Section  
2, I set a 2 1/2" X 30" aluminum pipe with aluminum cap  
stamped:

T32S R1W WM  
CN1/16 S2  
RESET 1993  
1980  
PLS 1035

New references established this survey:

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A Douglas Fir, 16 inches in diameter, bears N53°W, 11.0 feet distance, scribed "CN1/16 S2 BT".

A Douglas Fir, 16 inches in diameter, bears N50°E, 30.0 feet distance, scribed "CN1/16 S2 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears N06°39'10 E, 183.22 feet distance.

- (10) At the North One-sixteenth corner common to Sections 1 and 2, I set a 2 1/2 inch diameter aluminum pipe with aluminum cap stamped:

T32S R1W WM  
N1/16

S2 S1

RESET 1993  
1980  
PLS 1035

New references established this survey:

A Douglas Fir, 15 inches in diameter, bears S41°E, 3.9 feet distance, scribed "N1/16 S1 BT".

A Douglas Fir, 9 inches in diameter, bears S85°W, 24.7 feet distance, scribed "N1/16 S2 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears N0°20'55"W, 167.49 feet.

- (11) At the West Quarter of said Section 2, I set a 2 1/2" X 30" aluminum pipe with aluminum cap stamped:

T32S R1W WM  
1/4

S3 S2

RESET 1993  
1980  
PLS 1035

New references established this survey:

A Hemlock, 8 inches in diameter, bears S16°E, 3.4 feet distance, scribe "1/4 S2 BT".

A Hemlock, 10 inches in diameter, bears N26°E, 3.3 feet distance, scribed "1/4 S2 BT".

A Douglas Fir, 10 inches in diameter, bears N36°W, 11.2 feet distance, scribed "1/4 S3 BT".

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A Hemlock, 17 inches in diameter, bears S30°W, 16.5 feet distance, scribed "1/4 S3 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears N0°32'44"W, 275.07 feet distance.

The position of the one-quarter corner common to Sections 1 and 2 established by Art Boyer per C.S. file 40/214, bears N13°52'W, 224.45 feet. The stump hole of a Fir, 20 inches in diameter which is dead and down with visible scribe, bears N78°W, 28.0 feet from this position.

- (12) At the Center Quarter corner of said Section 2, I set a 2 1/2 inch diameter aluminum pipe with aluminum cap stamped:

T32S R1W WM

C1/4 S2

RESET 1993

1980

PLS 1035

New references established this survey:

A Douglas Fir, 6 inches in diameter, bears S35°W, 12.8 feet distance, scribed "C1/4 S2 BT".

A Douglas Fir, 11 inches in diameter, bears S65°E, 37.7 feet distance, scribed "C1/4 S2 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears N6°39'14"E, 256.86 feet distance.

A Douglas Fir, 14" inches in diameter, bears N07°40'E, 259.0 feet distance, this tree was scribed and used for bearing tree in 1980 survey.

- (13) At the East Quarter corner of said Section 2, I set a 2 1/2" X 30" aluminum pipe with aluminum cap stamped:

T32S R1W WM

1/4

S2 S1

RESET 1993

1980

PLS 1035

New references establish this survey:

A Douglas Fir, 9 inches in diameter, bears N60°W, 12.7 feet distance, scribed "1/4 S2 BT".

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A Douglas Fir, 7 inches in diameter, bears N18°W, 10.7 feet distance, scribed "1/4 S2 BT".

A Hemlock, 15 inches in diameter, bears S82°E, 23.8 feet distance, scribed "1/4 S1 BT".

A Douglas Fir, 7 inches in diameter, bears S8°W, 8.8 feet distance, scribed "1/4 S2 BT".

A 5/8" X 30" iron rod with yellow plastic cap stamped "NYGREN LS1035", bears N0°20'55"W, 234.74 feet distance.

- (14) At the Southwest corner of said Section 2, I found a 2 1/2" iron pipe pipe (bent) with brass cap stamped:

U.S. GENERAL LAND OFFICE SURVEY  
T32S R1W  
S3 S2  
S10 S11  
1955

NOTE: Iron pipe is bent Northerly, the following bearings and distances were measured from that portion of pipe which is vertical and below bend.

References found this survey:

A Douglas Fir snag, 48 inches in diameter, bears N70°E, 34.8 feet distance, healed blaze.

A Douglas Fir stump, 63 inches in diameter, bears S75°W, 11.2 feet distance, healed blaze.

A Douglas Fir, 36 inches in diameter, bears S89°E, 67.0 feet distance, healed blaze.

A Douglas Fir, 30 inches in diameter, bears N65°W, 82.5 feet distance, healed blaze.

A Douglas Fir, 46 inches in diameter, bears N50°W, 22.6 feet distance, healed blaze.

A Douglas Fir, 10 inches in diameter, bears S46°W, 6.0 feet distance, visible scribe.

New reference established this survey:

A Douglas Fir, 6 inches in diameter, bears N6°E, 8.9 feet distance, scribed "T32S R1W S2 BT".

- (15) At the South Quarter corner of said Section 2, I found a 2" X 32" galvanized iron pipe with a 2 1/2" diameter brass cap stamped:

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T32S R1W  
S2  
1/4  
S11  
C.S. 1981

References found this survey:

A Douglas Fir, 11 inches in diameter, bears S28°W, 17.0 feet distance, visible scribe.

A Hemlock, 15 inches in diameter, bears N64°W, 21.1 feet distance, visible scribe.

New references established this survey:

A Hemlock, 11 inches in diameter, bears S77°W, 18.4 feet distance, scribed "1/4 S11 BT"

A Douglas Fir, 9 inches in diameter, bears N80°E, 23.2 feet distance, scribed "1/4 S2 BT".

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears ~~S85°17'20"E, 47.66~~ feet distance.   
S86°26'27"E, 48.75 (1/13/94 J.C.D.C.S.O.)

- (16) At the East One-sixteenth corner on the South line of said Section 2, I set a 2 1/2" X 30" aluminum pipe with aluminum cap stamped:

T32S R1W WM  
S2  
E1/16  
S11  
RESET 1993  
1980  
PLS 1035

New references established this survey:

A Douglas Fir, 13 inches in diameter, bears N2°W, 19.3 feet distance, scribed "E1/16 S2 BT".

A Douglas Fir, 11 inches in diameter, bears S82°E, 29.5 feet distance with healed blaze, this tree was scribed and used for bearing tree in 1980 survey.

A 5/8" X 30" iron rod with yellow plastic cap marked "NYGREN LS1035", bears S85°17'12"E, 23.83 feet distance.

- (17) At the Southeast corner of said Section 2, I found a 2 1/2" X 30" aluminum pipe with aluminum cap stamped:

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T32S R1W WM  
S2 S1

S11 S12

PLS 1035 1980

References found this survey:

A Douglas Fir, 10 inches in diameter, bears N30°W, 3.5 feet distance, healed blaze.

A Douglas Fir, 18 inches in diameter, bears N34°E, 3.6 feet distance, visible scribe.

A Live Oak, 6 inches in diameter, bears S7°E, 22.8 feet distance, visible scribe.

A Douglas Fir, 18 inches in diameter, bears S48°W, 26.1 feet distance, visible scribe.

(18) See 1980 survey. The Quarter common to Sections 1 and 12 was tied to in 1980 survey. The measured bearing and distance from the South Quarter corner common to Sections 1 and 12 to the Southeast corner of Section 2 was shown incorrectly on filed 1980 survey map. The correct bearing and distance is South 89°30'45" West, 2534.63 feet distance.

(19) At the Section corner common to Section 11, 12, 13, and 14, I found a 2" diameter galv. iron pipe with a 2 1/2" diameter brass cap stamped:

T32S R1W  
11 12

14 13

C.S.

1981

References found this survey:

A Douglas Fir, 14" in diameter, bears S39°E, 25.1 feet distance, healed blaze.

A Douglas Fir, 24" in diameter, bears S18°W, 9.7 feet distance, healed blaze.

A Douglas Fir, 15" in diameter, bears N30°E, 24.7 feet distance, healed blaze.

A Douglas Fir, 18" in diameter, bears N20°W, 29.0 feet distance, healed blaze.

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A monument sign, bearing tree sign and a 6" red band was either placed or found and/or repainted, on all bearing trees mentioned in this survey narrative. A 1/2" brass washer stamped "LS1035" was nailed to lower blaze on all bearing trees scribed this survey.

Using the correct South Quarter corner for alignment, I re-surveyed, posted and blazed the West 3/4 miles of the South line of said Section 2. I removed the posts set per 1980 survey.

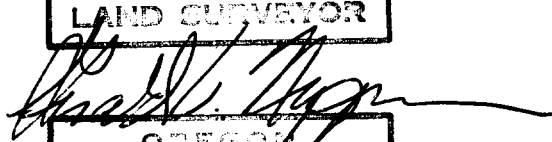
I re-surveyed and posted and blazed the North lines of Lots 13, 14, 15, and 16 of said Section 2. I removed the posts set per 1980 survey.

I maintained by brushing, posting and blazing, the West line of said Section 2 from the Southwest corner to the North One-sixteenth corner, using same alignment as 1980 survey.

Meridian is based on Solar Observation.

A Wild T-16 theodolite, Mac 1E EDM, and Mac 1H EDM were used to execute this survey.

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR



OREGON  
GERALD V. EGAN  
AUGUST 22, 1975  
1035

EXPIRES 12-31-94