

PRIMARY CORNER DESCRIPTION WC Cor. No. 16 Tract B; HES 179

Alias _____	Description <u>MC Right Bank South Umpqua River</u>
Alias _____	Description _____
Alias _____	Description _____
Alias _____	Description _____

HES No. 179 by Frederick W. Rase, surveyor, under special instructions dated Dec. 17, 1915 - Surveyed September 1916 - DCSO records Vol. 28 Page(s) 12050

Cor. No. 16, identical with cor. No. 7 of listing survey, which I destroy and in its place.

Set a granite stone, 24x6x6", 34" in the ground, over a stone marked with a cross for meander corner and cor. No. 16 of this survey, marked MC on side facing river and 16 HES 179 on side facing the claim; from which

An ash, 14" dia., bears N.45°15'E., 47 lks., marked X 16 HES 179 MC BT.

An ash, 20" dia., bears N.37°15'W., 89 lks., marked X 16 HES 179 MC BT.

Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. within the claim. (Impracticable to set on line).

Douglas Co. Surveyors Office - Vernon "Ray" Tracy - 12/1969 - C.S. File 54/82

No trace, High water of river would have destroyed this cor.

Gordon H. Long, USFS - For: USFS - Aug 1976/Jan 1978 - M65-77 & C.S. File 58/162-5 A-G

All original evidence of this corner has apparently been destroyed by the erosive action of the South Umpqua River. The proportioned corner point falls on a gravel bar along the north bank of the river and is monumented with a 5½ ft steel fence post set 4½ ft into the ground. A brass cap reference monument was set N.41°45'W, 90.8 ft from the corner point. The reference monument was witnessed with two bearing trees. Set - A 5½' metal fence post 4½' into the ground. (Corner location subject to erosive flooding) N.41°45'W., 90.8' the brass cap reference monument stamped:

1"x36" galv. pipe with a 2½" brass cap stamped: "T29S
R1E RM COR 16 HES 179 RPLS 1017 (line w/bearing
S.41°45'E 90.8 ft.) 1976", N.41°45'W., 90.8' the

brass cap reference monument is witnessed as follows:

A 18" D.Fir bears 27.4' scribed "RM 16 HES 179 BT"

A 16" Cedar bears N.00°45'W., 88.7' scribed "RM 16 HES 179 BT"

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TOWNSHIP 29 RANGE 01E POINT IDENTIFIER # 979160

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L. Herzstein For U.S. Forest Service, Sept. 20, 1994 - C.S. File 63/158 I

Found - Sept. 20, 1994: I found a 1" post, firmly set, flush with a 4 ft. dia. mound of stone, with a 2½" dia. brass cap attached and mkd. "RM Cor 16 HES 179 RPLS 1017 S.41 45 E 90.8 ft. 1976"

30" D.Fir, bears N.85°15'W., 27.4 ft. with a healed single blaze.

27" I.Cedar, bears N.0°45'W., 88.7 ft. with a healed single blaze

A carsonite post bears S.80°E., 2.1 ft. with Forest Service sign.

Set - Sept. 20, 1994: The Forest Service field book for the Witness Corner (called a reference monument) stated the W.C. was established by staff compass with an assumed magnetic decl. of 20°E. I find the actual bearing tie from the W.C. to the true corner point to be different from the record. Therefore, I change the found brass cap by adding the marks "WC LS 2150 1994 42°39'" (see sketch in file)

True corner point -

A steel fence point bears S.42°39'E., 90.8 ft. firmly set, projecting 14" above the ground with a center punch on top. A guard post bears S.30°E., 0.4 ft. which is a steel fence post firmly set, projecting 3 ft. above the ground with Forest Service sign #54-4 attached.

Note - Bearing tree measurements are to the center of the rootcrown and diameters are at breast height. The bearings are true and were computed from the control traverse.

I determined the magnetic declination to be 16½° east at the witness corner.