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Mail:
1140 ACACIA LANE
GRANTS PASS, OR 97526

ROBERT M. THOMPSON
Consulting Engineer, Surveyor, Forester

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TELEPHONE 476-3269

Office:
233 N. E. "B" STREET

NOV 7 1983

SURVEY IN SECTIONS 28 & 32, T32S, R8W, COUNTY SURVEYOR
DOUGLAS COUNTY, OREGON OCTOBER 21, 1983 DOUGLAS COUNTY, ORE.

Narrative Description to comply with Par. 209.250, O.R.S.
(One map sheet accompanies this narrative.)

FOR: Boise Cascade Timberlands of Oregon, P.O. Box 100, Medford, OR. 97501

BY: Robert M. Thompson & Assoc., 1140 Acacia Lane, Grants Pass, OR. 97527

PURPOSE: To find or set the N.E. corner of Section 32, Quarter Corners common to Sections 32 & 33, 28 & 33, 29 & 28. Mark the E½ of the north line and N½ of the east line of Section 32.

PROCEDURE: Past survey and corner information, including General Land Office (G.L.O.), B.L.M., and Douglas County Surveyor data was obtained from the Douglas County Surveyor's files. Electronic survey control traverses were run to all of the required existing controlling Government corners, and to the approximate locations of corners not recently found, for search purposes. The Douglas County Surveyor's crew had renewed many corners in the subject area in 1968, but not the Northeast Corner of Section 32. My additional inquiry to that office revealed that said crew had visited and searched for this corner, but considered the evidence insufficient for renewal.

After computing a tentative double proportioned position for this corner, I made an additional search for same. There were no verifiable original line blazes within a reasonable distance of this corner, with the possible exception of very old bark blazes on an old growth Douglas Fir, about 200 feet northerly. The only possible evidence of remaining G.L.O. 1883 bearing trees was a Sugar Pine presently 56" D.B.H., original record being 32 inch diameter, bearing N 31°W 31.7 feet from said corner point. A large face had been chopped out 12 inches deep approximately 10 to 20 years ago, facing toward said corner point, but no scribe marks were visible. This tree also bore 2 timber cruiser's marks on the southerly side, and a yellow metal tag marked "McClanahan 1954", and several other names. 2 additional cruiser's marks were found on a Douglas Fir southeasterly of said corner point. My tentative computed corner position was S 83°20'E only 5.68 feet from the position indicated by said Sugar Pine. I then contacted Lorne Swearingen, Timber Manager for Medford Corp., a Registered Logging Engineer (formerly with the Robert Dollar Co.) whom I knew had several years of experience in this locale, to check his knowledge of said corner. He stated he well remembered the Sugar Pine bearing tree for this corner, having paced a compass line easterly with great difficulty in dense brush, thereto, from a section line marker on the Dutch Henry Trail, in or about 1959. He stated he observed bark scribing on said pine (frequently used on bearing trees by the 1883 G.L.O. Survey of this township). When I stated that a large face had been chopped out of said pine, he replied, "Then the scribing has been destroyed".

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With the weight of the evidence and reliable testimony considered, I set a monument and bearing trees (described hereafter) for the North-east Corner of Section 32, using record bearing and distance from the 1883 face position of the 56 inch Sugar Pine Original Bearing Tree. Bearings and distances from this section corner to other controlling corners were then computed. The three additional quarter section corners needed, were not found, hence were computed by single proportionate measurement, and set as shown on my map and described hereafter. The true $E\frac{1}{2}$ of the north line and $N\frac{1}{2}$ of the east line of Section 32 were then marked with red-painted blazes, red flagging, and aluminum "P/L BCTO" tags. Kern one-second and 20-second and K&E one-minute theodolites were used, as accuracy required, with a K&E Autoranger II E.D.M. unit, supplemented by steel tape, in this survey. Corners found or set are as follows, with original G.L.O. bearing trees (O.B.T.'s) measured to faces, and later Douglas County Surveyor (C.S.) and new bearing trees measured to centers. Monuments set were 5/8"X30" Iron rods with yellow cap marked "Thompson PLS 1358".

Corner Sections 20,21,28,29, Found 1959 B.L.M. brass cap in 2" G.I. Pipe, and bearing trees, C.S.#91 renewal, 1968:
43" D. Fir S 70°W 38.3' O.B.T., 1968 rescribe part visible.
39" D. Fir N 5°E (G.L.O. N 5°W) 13.8'(recs. 14.4' & 15.9', O.B.T.), 1968 rescribe vis.
17" Cedar N 38°W 56.0', 1959, scribe part vis.
8" Chinquapin S 85°E 57.4', 1968, scribe vis.
Cor. is 20' N. of logging rd., E. & W.

$\frac{1}{4}$ Corner Sections 29 & 28, not found, set 5/8" I. Rod, scribed B.T.'s " $\frac{1}{4}$ S(#) 1358 BT" on:
9" Madrone S 25 $\frac{1}{2}$ °E 12.7'
10" D. Fir N 71 $\frac{1}{2}$ °W 41.2'
Cor. is 830' N. of Rd.#32-7-19.3, on N. side of main ridge, E'ly.

$\frac{1}{4}$ Corner Sections 29/32, Found C.S. #102 renewal 1968 brass cap in 1" G.I. Pipe exp. 1.0', leaning N'ly, orig. cor. stone, and bearing trees:
20" D. Fir S 63°E 13.3', O.B.T. scribe vis. on cut stump.
21" D. Fir N 54°W 13.2' (rec. 14.5'), 1968 rescribe vis.

Cor. Sections 28,29,32,33, Found 1 O.B.T., 56" Sugar Pine N 31°W 31.7', large face chopped out 12" deep, previous reported bark scribe destroyed. I set 5/8" I. Rod at record position, scribe "T32S R8W S(#) 1358 BT" on:
7" Tanoak S 61 $\frac{1}{2}$ °W 24.8'
7" Tanoak N 48°W 30.7'
6" Madrone N 52°E 26.6'
26" S. Pine S 28°E 21.1'

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1/4 Corner Sections 28/33, not found, set 5/8" I. Rod,
scribed B.T.'s 1/2 S (#) 1358 BT" on:
7" Chinquapin N 53°W 10.6'
7" Cottonwood S 11°E 12.5'
Corner is in small draw, S'ly, 95' N. of
Rd.#32-8-27, NW'ly & SE'ly.

Corner Sections 27,28,33,34, Found C.S.#76 1968 brass
cap on 1" G.I. Pipe, orig. cor. stone and bearing trees:
8" Chinquapin S 45°E 4.0', O.B.T., healed face.
36" D. Fir S 56°W (rec. S 61°W) 40.3', O.B.T. 1968
rescribe healed.
24" D. Fir N 54°E 22.6', O.B.T., 1968 rescribe healed.
19" Cedar N 78°W 12.7', 1968, scribe vis.
18" D. Fir N 58°W 26.4', O.B.T. rotted stump.

1/4 Corner Sections 32 & 33, not found, set 5/8" I. Rod,
scribed B.T. "1/2 S 1358 BT" on:
7" Chinquapin N 65 1/2°W 15.9'
Scribed B.T. "X BT" on:
3" Chinquapin S 44°W 13.3'
Corner is on a brushy spur ridge, slopes N'ly.

Standard Corner Sections 32 & 33, Found C.S.#82 1968 brass
cap on 1" G.I. Pipe nearly uprooted, lying on surface of
road shoulder, and bearing trees:
40" Sug. Pine N 8°E 33.0', face healed
15" D. Fir S 10°W 64.1', 1968, face healed
Since the hole remnant checks with the above B.T.'s I
reset the monument therein flush with surface, in NE'ly
shoulder of Rd. No. 34-8-1, NW'ly & SE'ly.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Robert M. Thompson

OREGON
SEPTEMBER 23 1977
ROBERT M THOMPSON
1358