

M 66-12

Weyerhaeuser Company
Elk Wallow Survey Narrative
Section 19, T27S, R8W, W.M.
Douglas County, Oregon

FILED
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JUL 26 1977

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

General Information

In order to establish the location of company property in Section 19, T27S, R8W, W.M., a survey was conducted using a Wild T-16 ED Theodolite, K and E "invincible" 300 foot chain, Jena 020A Theodolite, and a Mac I Electronic Distance Meter. Because of the nature of the survey a loop closure was not economically feasible, so in order to assure accuracy the entire traverse was run twice (all horizontal angles measured four (4) times - vertical angles and slope distances twice). To further guard against mistakes an independent set of notes were kept and staff compass bearings of each course were also recorded. The north-south traverse was initiated at the NW corner of Section 31, T26S, R8W, and the east-west traverse at the SE corner of said section. The terrain is brushy, extremely precipitious and generally difficult to survey. All bearings on the accompanying plat are based on a solar observation.

Corner Research

Research for this survey required extensive staff compass traversing to uncover the corners necessary to complete the restoration (see appendix I). It is interesting to note that none of topographic calls from the notes of the original surveyor (Heydon) fit the ground for the northern three (3) miles of the west boundary of T27S, R8W., nor was any of his work uncovered. The last mile, west line of Section 6, T27S, R8W, which is extremely rough, is very suspect (see appendix II and III).

The following corners and or their accessories were either found or set as indicated during the survey, Weyerhaeuser Company location posters and "W" nails were used on reference points for established corners.

NW Cor Sec. 31, T26S, R8W

Found a BLM monument set in 1967 from which a:
29" Douglas Fir bears N65°W, 12 links scribed
15" Douglas Fir bears S34°E, 30 links scribed
24" Douglas Fir bears S32°W, Distance omitted scribed

W1/4 Cor Sec. 31

Set by single proportion a 2" brass cap monument from which a:
18" Hemlock bears N81°W, 12.8 feet scribed 1/4 Cor RP
13" Hemlock bears S85 1/2°E, 19.1 feet scribed 1/4 Cor RP

#72 ✓

SW Corner Section 31 (Township Corner)

#73 T268 ✓
#43 T228 ✓

Set by double proportion a 2" brass cap monument from which a:

- 12" Douglas Fir bears N76°W, 27.9 feet scribed TWP Cor RP
- 42" Douglas Fir bears S78°E, 50.1 feet scribed TWP Cor RP
- 19" Douglas Fir snag bears N21°E, 15.8 feet scribed TWP Cor RP
- 13" Chinquapin bears N89 1/2°W, 27.2 feet scribed TWP Cor RP

S 1/4 Corner Section 31

#74 T268 ✓
#44 T278 ✓

Set by single proportion a 2" brass cap monument from which a:

- 26" Douglas Fir bears N49°E, 17.6 feet scribed 1/4 Cor RP
- 27" Douglas Fir bears S11 1/2°E, 47.6 feet scribed 1/4 Cor RP

SE Corner Section 31

Found BLM monument from which a:

- 60" Douglas Fir bears S49°W, 18 links **original bearing tree**
- 12" Hemlock N58°E, 91 links scribed
- 6" Hemlock S44°W, 20.5 feet scribed
- 6" Hemlock N55°W, 58 links scribed

S 1/4 Corner Section 36, T26S, R9W

Found 28" Douglas Fir original bearing tree with visible scribing. Tree bears N11°E, 12 links set a 1" iron pipe from which a:

#21 ✓

- 20" Douglas Fir bears S39°E, 44.8 feet
- 18" Douglas Fir snag bears S27°E, 21.1 feet

W 1/4 Corner Section 6, T27S, R8W

#45 ✓

Set by single proportion a 2" brass cap monument from which a:

- 36" Douglas Fir bears N20°E, 29.8 feet scribed 1/4 Cor RP
- 24" White Cedar bears S06 1/4°E, 22.3 feet scribed 1/4 Cor RP

W 1/4 Corner Section 7, T27S, R 8W

Set by single proportion a "W" nail in a large buried log for the corner. Also scribed 1/4 S7 in a cedar log lying over the point. Referenced the point as follows:

#96 ✓

- 4" Douglas Fir bears N26°W, 37.2 feet
- 24" Douglas Fir stub bears S38°W, 3.2 feet

The area has recently been logged and scarified.

SW Corner Section 7

Set by single proportion a 1 1/2" brass cap monument from which a:

10" Hemlock bears S84°W, 30.8 feet scribed STD CNR RP
6" Hemlock bears S49°E, 22.3 feet scribed STD CNR RP

NE Corner Section 13, T27S, R9W (Closing Corner)

Found 1 original bearing tree in 1975 which is a 12" Yew bearing N5°W, 10 links. Tree is down and has visible scribing on underside. Set a 1" iron pipe from which a:

10" Douglas Fir bears N67 1/2°W, 14.5 feet
10" Hemlock bears S87°E, 17.6 feet

This corner does not close on the township line.

SW Corner Section 18, T27S, R8W

Set by single proportion. Chipped a notch into a rock face for the section corner. Referenced the corner as follows:

12" Douglas Fir bears S57°W, 17.3 feet scribed STD CNR RP
60" Douglas Fir snag bears S64°E, 14.8 feet scribed STD CNR RP

NE Corner Section 24, T27S, R9W

The original stone and two (2) bearing trees were found by Williams and Lester in 1969:

12" Yew bearing N36°W, 19.8 feet (down)
Fir snag bearing S64°W, 7.2 feet

Additional references:

16" Hemlock bears N84 1/2°W, 32.0 feet
14" Hemlock bears S27°W, 40.7 feet

N 1/4 Section 24

In 1969 Williams and Lester found the two (2) Original bearing trees and set a 1" iron pipe. Bearing trees are as follows:

72" fir snag bears S54°W, 6.0 feet
42" Hemlock bears S27°W, 40.7 feet

W 1/4 Corner Section 19, T27S, R8W

Found a BLM brass cap monument set in 1976 from which a:

12" Yew bears N70 1/2°W, 56 links original scribing visible
and recorded in the original notes as a Hemlock.

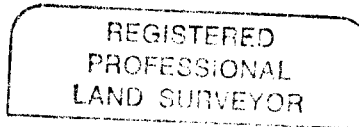
6" Hemlock bears N 10 1/2°E, 125 links scribed

9" Hemlock bears S19 3/4°E, 119 links scribed

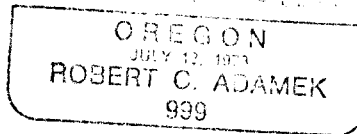
For more information see BLM Dependent Resurvey of T27S, R8W,
completed March 29, 1976.

Respectfully submitted

Robert C. Adamek Pls #999
Dellwood District
July 15, 1977



Robert C. Adamek



Approved:

H. R. Reppeto

H. R. Reppeto
Region Engineer

APPENDIX III

PORTION OF ORIGINAL NOTES
 SEC 6, T27S, R24W, W.M.

West edge of T27S, R24W section, Oregon

Chains
 1000
 2000
 3000
 4000
 5000

Two and at 2600 ft in count
 when the sun on the mountain
 resulting latitude is 35° 15' N
 Thence descend
 300 feet below ridge at this
 point - I am computed by ex-
 trapolation to be standing up
 the cross about 7 chains and
 down 3 chains as far as the
 eye can see
 Not being able to offset 60 ft
 from this point I return to
 summit of ridge at 3000 ft
 this line and offset east 100
 ft. Thence south
 600 ft to cross ridge summit. A sec
 chains above the falls estimated height
 of falls 140 feet - descend, note the
 descent of 100 feet and set foot-
 offset back to line which is 300 feet
 above and at base chains continue
 to ascend
 Cor to Tps 24x27S, R24W 11 set-
 by that about 15 years ago base
 at 4000 dist 500 feet still standing
 but badly decayed (As my falling
 is so small I do not establish
 a clearing bar
 Set new post 300 feet long 6 in
 24x27S, R24W in the ground for cor
 of townships 24x27S, R24W and
 W, marked
 504 50 51 on AP
 20 11 5 6 - 56
 27 5 1 - 34 and
 29 11 5 26 - 30 faces with
 8 inches on each edge
 from which
 a line 6 in in chain bars

West boundary of T27S, R24W section, Oregon

Chains
 1000
 2000
 3000
 4000
 5000

Last exceeds 4000
 Timber fir and hemlock and
 and mostly firs
 Undergrowth low with cotton timber
 as on a red fir
 Mountains low on land and
 with dense undergrowth
 July 28 1894 at 5000 ft
 Set of 2000 ft on the latitude
 are and when the decl. are
 and determine a line, mountain
 with the solar at the cor of 2000.
 1897 and 2000 July 28 1894

North returned July 29 1894
 As and from cor
 Top of sharp spur 100 feet
 above cor
 2000
 3000
 4000
 5000

As and rapidly
 Cor River 1000 ft wide course
 At 300 feet below summit of
 spur and as and steep mountain
 side through good timber and
 dense brush
 Set a fir post 3 feet long 4 in
 24x27S, R24W in the ground for
 14 sec cor, marked 44 50 with face
 from which
 a fir 24 in in chain bars
 24x27S, R24W dist marked
 44 50 33 F
 a fir 24 in in chain bars
 At 700 ft 1500 dist marked
 14 50 33 F
 Top of 2000 ft total 1000 feet
 when Cor was at this point
 Set offset in the declination