

SURVEY OF SECTION 16

T. 25 S., R. 1 W., W. M.

BY V. W. HOSFORD, P. L. S. NO. 253

FOR EVANS PRODUCTS COMPANY

Preparatory to logging operations in that area, Evans Products Co. sought to establish the boundaries of their properties in section 16, T. 25 S., R. 1 W., W. M.

This survey was made by the method of running angular random lines between the different corners. A transit was used for measuring the angles, all of which were doubled. All distances were measured with a 300 foot steel tape, and all vertical angles measured by the transit. Bearings were determined by solar observations. Magnetic variation is approximately  $21^{\circ}00$  in this vicinity.

Work on this survey continued intermittently from April 5th. until Nov. 25, 1960.

Beginning at the  $\frac{1}{4}$  corner common to sections 16 & 21, which is a  $1\frac{1}{2}$ " iron pipe 36" long, 12" above the ground, from which the two original bearing trees stand as described in the notes of Johnsons survey of 1900. From this corner I run N.  $84^{\circ}32'$  W. on the line between sections 16 & 21.

At 220 ft. a spring flows S.  $60^{\circ}$  W.

At 230 ft. enter a cat built fire trail which this line follows in or near from this point.

At 640 ft. a spring flows S. W.

At 740 ft. a low spur slopes south.

At 1122 ft. a stream 2 ft. wide flows south.

At 1175 ft. a spur slopes S. E.

At 1214 ft. a spring flows S. E.

At 1370 ft. a spur slopes S.  $30^{\circ}$  E.

At 1415 ft. leave timber, enter Scaredman burn.

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C.S. File 51/152A

Map File M.20+2

At 1690 ft. a spring flows S. E.

At 2370 ft. a spur from N. to S.  $30^{\circ}$  W.

At 2525 ft. a jeep road N.  $20^{\circ}$  E. & S. W.

At 2728.4 ft. I established the corner common to sections 16, 17, 20 & 21. At this point a thorough search failed to reveal any conclusive evidence of the original corner. This area has burned at least twice since the original corner was established and all that remains now are badly burned snags and windfalls. In the re-establishment of this corner I gave the most weight to natural objects and to old blazes along the line between sections 17 & 20. The four stream crossings noted in the first 20.75 chains west were much more than ordinarily accurate. By placing the corner from the calls on this line a burned cedar stub in the S. E. quadrant and a cedar windfall in the S. W. quadrant appear to be the remains of two original bearing trees. ✓✓

At this point, which is in the previously mentioned tractor built fire trail, I drove a  $1\frac{1}{2}$ " iron pipe 36" long, 12" above the ground, from which;

A fir 48" in diam. bears S.  $59\frac{1}{2}^{\circ}$  W. 49.0 ft.  
marked T. 25 S. S. 20 253 B. T.

A fir 54" in diam. bears N.  $11\frac{1}{2}^{\circ}$  W. 130.5 ft.  
marked R. 1 W. S. 17 253 B. T.

A fir snag 48" in diam. bears N.  $47\frac{1}{4}^{\circ}$  E. 68.1 ft.  
marked T. 25 S. S. 16 253 B. T.

No suitable tree in S. E. quadrant.

From this corner I run N.  $0^{\circ}18'$  E. on true line between sections 16 & 17, following in or near tractor built fire trail.

At 60 ft. a draw slopes S.  $60^{\circ}$  W.

At 640 ft. a spur slopes W.

At 970 ft. a draw slopes S.  $60^{\circ}$  W.

At 1545 ft. old trail on summit of ridge N. W. & S. E. From this point the old burn has not been so severe.

At 2570.2 ft. I established the  $\frac{1}{4}$  corner common to sections 16 & 17. I failed to find any trace of the original corner here, or any ✓✓

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trees of the size noted as bearing trees. At this point I drove a  $1\frac{1}{2}$ " iron pipe 36" long, 12" above the ground, from which;

A hemlock 18" in diam. bears S.  $3\frac{1}{2}^{\circ}$  E. 87.5 ft.  
marked  $\frac{1}{4}$  S. 16 253 B. T.

A chinquapin 6" in diam. bears N.  $36^{\circ}$  W. 36.2 ft.  
marked  $\frac{1}{4}$  S. 17 253 B. T.

This corner is in the above mentioned fire trail along which I continue N.  $0^{\circ}18'$  E. between sections 16 and 17.

At 3610 ft. leave fire trail.

At 4770 ft. a stream 3 ft. wide from east, and a stream 3 ft. wide from S.  $30^{\circ}$  E., join and flow N.  $60^{\circ}$  W.

At 4800 ft. a logging truck road.

At 5005 ft. a spur slopes W.

At 5140.4 ft. the corner common to sections 8, 9, 16 and 17.

This corner is a  $\frac{1}{2}$ " brass rod set and described by Bruce A. Shaner in his survey of Feb. 1960.

From the corner of sections 8, 9, 16 and 17, I run S.  $89^{\circ}05'$  E. on true line between sections 9 & 16.

At 1730 ft. a stream 2 ft. wide flows S. W.

At 2350 ft. a spur slopes S. W.

At 2660.7 ft. the  $\frac{1}{4}$  corner common to sections 9 and 16. Here I found the original corner stone in place. The B. T. for section 16 is dead and down. The B. T. for section 9 is entirely gone.

I marked new bearing trees as follows;

A hemlock 10" in diam. bears N.  $45^{\circ}$  E. 38.8 ft.  
marked  $\frac{1}{4}$  S. 9 253 B. T.

A cedar 20" in diam. bears S.  $71\frac{1}{2}^{\circ}$  E. 39.0 ft.  
marked  $\frac{1}{4}$  S. 16 253 B. T.

Thence I run N.  $89^{\circ}45'$  E. on true line between sections 9 & 16.

At 23 ft. a spring flows S.  $20^{\circ}$  W.

At 980 ft. fire patrol road N. & S.

At 1050 ft. old trail on Canton Creek Divide.

At 2120 ft. a spring flows N. E.

At 2635.5 ft. the corner common to sections 9, 10, 15 and 16.

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Here I found the badly decayed stump of the original corner tree and the 6" dogwood B. T. for section 16. At the corner I drove a 1 3/4" iron pipe and marked new bearing trees as follows;

A hemlock 8" in diam. bears N.  $58\frac{1}{2}^{\circ}$  E. 27.3 ft.  
marked S. 10 253 B. T.

A fir 32" in diam. bears S.  $86\frac{1}{2}^{\circ}$  E. 12.4 ft.  
marked S. 15 253 B. T.

A dogwood 6" in diam. bears S.  $77^{\circ}$  W. 29.0 ft.  
Old B. T. - scribed in bark.

A fir 16" in diam. bears N.  $27\frac{1}{4}^{\circ}$  W. 23.8 ft.  
marked S. 9 253 B. T. ✓ ✓

Thence I run S.  $0^{\circ}51'$  E., on true line between sections 15 and 16. Steep ascent.

At 920 ft. a spur slopes E.

At 1800 ft. a spring flows S. E.

At 2120 ft. a stream 1 ft. wide flows E.

At 2681.1 ft. the  $\frac{1}{4}$  corner common to sections 15 & 16. Here I found the original corner stone in place. The bearing tree for section 15 is O. K., now 22" in diameter. The bearing tree for section 16 was gone. I marked new B. T. as follows; ✓ ✓

A hemlock 12" in diam. bears S.  $72\frac{1}{4}^{\circ}$  W. 35.3 ft.  
marked  $\frac{1}{4}$  S. 16 253 B. T.

Thence I run S.  $0^{\circ}24'$  E. on true line between sections 15 & 16.

At 1035 ft. a spring flows E.

At 1280 ft. a stream 2 ft. wide flows S.  $60^{\circ}$  E.

At 2659.3 ft. the corner common to sections 15, 16, 21 and 22. ✓ ✓

Here I found the original chinquapin corner tree O. K. The original B. T. for section 22 is standing with rotted side toward the corner. The other bearing trees are gone. I marked new bearing trees as follows;

A hemlock 12" in diam. bears N.  $83\frac{1}{2}^{\circ}$  E. 29.0 ft.  
marked S. 15 253 B. T.

A hemlock 10" in diam. bears S.  $73\frac{1}{2}^{\circ}$  E. 18.3 ft.  
marked S. 22 253 B. T.

A yew 12" in diam. bears S.  $13\frac{1}{2}^{\circ}$  W. 14.7 ft.  
marked S. 21 253 B. T.

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A yew 6" in diam bears N.  $34^{\circ}$  W. 13.4 ft.  
marked S. 16 253 B. T.

Thence I run S.  $89^{\circ}22'$  W. on true line between sections 16 & 21.

At 1847 ft. fire patrol road N. & S.

At 1880 ft. summit of divide between Rock Creek and Canton Creek  
N. & S.

At 2665.0 ft. the  $\frac{1}{4}$  corner of sections 16 and 21, described  
above, the place of beginning.

*U. H. Hayward*

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