

Hog Creek

(1)

$$\sin 1/2 Z = \frac{\sin(S-H)}{\cos L \cos H}$$

Project: 2/3/64 Lat 42° 30' 45" Long 122° 48' 30"
 Date: 2/3/64 Lat 42° 30' 45" Long 122° 48' 30"
 Inst: _____ Sight: _____

Time	1st	2nd	Ave
H	12 09	12 10	12 09.3
for	300 29	31 03	30.4
	94° 00'	94 14	94.7
	Watch Time		12.15233
Ave H	30° 46'	ong Time	8.18759
Corr	1.30		12
True H	30 44.7	Elapsed Time	20.36592
Eph Decl	16 51.9	Hourly Diff	0.3
Corr	14.867	Corr for Decl	14.867
True Decl	16 37.035		

$$S = \frac{L + H + Co-Decl}{2}$$

~~89° 00'~~ L = 42 30 45
 True Decl = 16 37.035 H = 30 44 22
 S = 106 37 02 Co-Decl = 106 37 02
 S = 21 178 11 69
 S = 89 56 04 12

Log Sin 172597 S-L = 9.867 167
 Log Sin 59 11 42 S-H = 9.933 951
 10-Log Co-Sin = 132456
 10-Log Co-Sin = 065753
2119.999327
 87° 44' 1/2Z = 9.999663
174 08 -2 179 60
175 28
 Course to Sun = 54° 32' E

5-89° 35' W

Hog Creek

(2)

$$\sin 1/2 Z = \frac{\sin(S-H)}{\cos L \cos H}$$

Project: 2/3/64 Lat 42° 30' 45" Long 122° 48' 30"
 Date: 2/3/64 Lat 42° 30' 45" Long 122° 48' 30"
 Inst: _____ Sight: _____

Time	1st	2nd	Ave
H	2 33	2 12 45	2-12 45
for	3 30	31 07	30 49 30
	73 04	73 15	73 11"
	Watch Time		0.2125
Ave H	30 49 30	ong Time	8.18759
Corr	37		12
True H	30 47 53	Elapsed Time	20.40009
Eph Decl	16 51.9	Hourly Diff	0.3
Corr	14.89	Corr for Decl	14.89
True Decl	16 37.01		

$$S = \frac{L + H + Co-Decl}{2}$$

~~89° 00'~~ L = 42 30 45
 True Decl = 16 37.01 H = 30 47 53
 S = 106 37 01 Co-Decl = 106 37 01
 S = 21 178 11 49
 S = 89 57 49 1/2

Log Sin 17270414 S-L = 9.867 292
 Log Sin 49 11 31 S-H = 9.933 817
 10-Log Co-Sin = 132456
 10-Log Co-Sin = 066013
2114.999583
 88 13 1/2Z = 9.999791
176 26 -2 179 60
176 26
 Course to Sun = 534

589° 37' W

TAKEN ON TRAVERSE

2463

Written narrative to accompany plat for survey No. _____
Survey for Mr. T.E. Whittle, 2668 Hanley Road, Central Point, Oregon.

R 1 Box 393 Medford, Oregon.

Survey in Section 21, T 35S. R 1W Jackson County, Oregon.

Property staked in NW 1/4 of SE 1/4 and

NE 1/4 of SW 1/4 Sec. 21, T35S. R1W

Bearings from Solar Observations.

Date February 13, 1964 Scale of Map 1" = 400'

Procedure: a search of county records indicated that the
1/4 Cor for Sections 20 and 21 had been re-established, We found
1" pipe apporximately 4" deep and bearing trees as described.

The re-established corner for Sections 21-22-28 and 27 a 1"
iron bar and 12" apple tree was found.

From the above corner a traverse was run and double checked
chained to the 2" iron pipe for the corner to Sections 26, 15, 21
and 22. No previous record for this distance could be found.

Our measured distance N0°02'15"E, 5300.50 feet, then from a
temporary point near the mid point we set a 1" x 3/4" pipe with 2 1/2"
brass cap monument a distance of 2650.25 feet from each section
corner. This brass cap stamped 1/4S

21 22

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from which a cross in top of concrete Irrigation box bears N9°20'30"E
21.80 feet

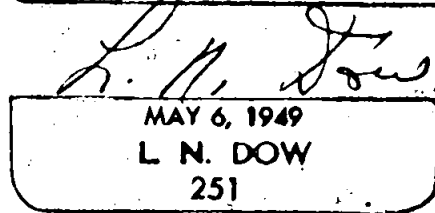
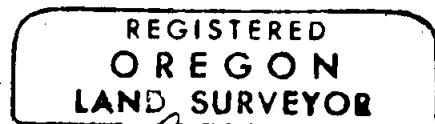
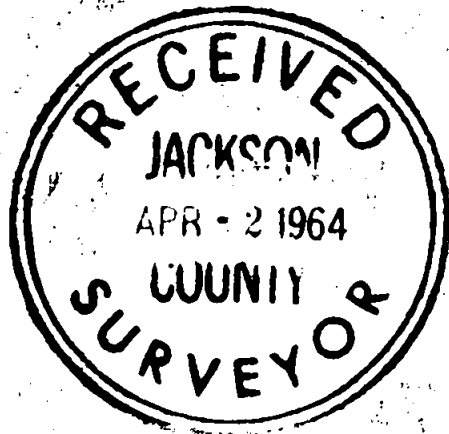
A 5/8" x 30" iron bar bears S 35°03'30"E 45.10 feet

A 5/8" x 30" iron bar bears S 51°47'30"W 53.48 feet

From this corner we ran a direct line of sight to the 1/4
corner section 20 and 21 and find our chainage to be 5289.80 feet
The only record of this that we could find was in 1911 County Road
Records and listed as 5290 feet

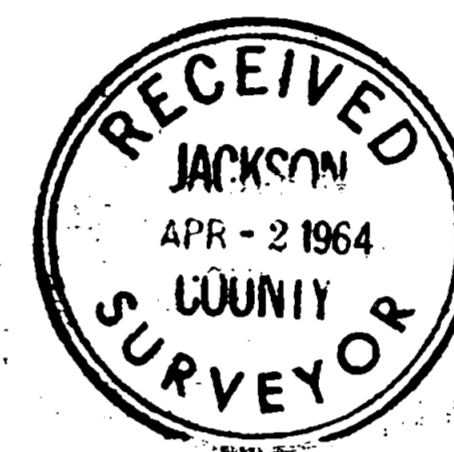
Then by proportion we set a 1" x 30" iron pipe on this line at
a distance of S89°36'W 1983.67 feet from the our re-establishes
1/4 corner for Sections 21 and 22

We then staked the 11.15 acre tract and set 5/8" x 2 1/4" iron
bars driven to refusal tops exposed 3 and 4" as shown on the plat.



Survey for Mr. T. E. WHITTLE, R 1 Box 393 Medford, Oregon.
 Located in NW 1/4 of SE 1/4 & NE 1/4 of SW 1/4 of S 21, T. 35 S. R. 1 W. JACKSON COUNTY, OREGON.
 Date February 13, 1964 Bearings from Solar observations.
 Scale 1" = 400'

REGISTERED
 OREGON
 LAND SURVEYOR
L. N. Dow
 MAY 6, 1949
 L. N. DOW
 251



Set 5/8"x24" bars driven to refusal (exposed 38.4")

16
 15
 21
 22
 6" Oak B.T. now 16" blazed side rotted out. other original trees gone. newer blazed trees available no record of distance ties.
 2" pipe in fence line near fc. cor.
 local information set by Le Kee

