

M 83-16

FILED Apr 23, 1980



SURVEY NARRATIVE

For: Aaron E. Matthews

Location: N.W. 1/4 & S.W. 1/4 S.4, T.22 S., R. 5 W., W.M. Douglas County, Oregon.

Purpose: Minor land partition, 2 parcels. Previous deed #77-7447.

Procedure: Basis of bearings--solar observation using the time method, quartz L.C.D. watch calibrated to S.W. radio broadcast.

Random traverse using Topcon DMC2 EDM & Topcon TL60E theodolite.

The center of Section 4 was established by J.W. Cole in 1924. The deed ties to this corner. I show a tie also to a C 1/4 corner per RM-29.

The northerly line of Parcel 1 was reestablished with reference to the calculation sheet of Wilford Haines "Cold Springs" survey--see attachment. Said sheet gives coordinates for pipes "D" & "F" and for a missing T. iron per M 29-20.

The southerly line of Parcel 2 was reestablished at 603.5 feet from a 1" iron pipe per CS 53/39.

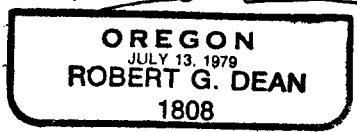
The S.P.R.R. right-of-way was reestablished from the centerline of existing tracks, stationing approximated from the center of a crossing at 2897+00. Width of right-of-way is per sheet No. 46 of 55 of S.P.R.R. main line.

The easterly line of parcel 2 is the center of Pass Creek. At the date of this survey Pass Creek was 30 feet wide and at its high stage. I measured to the location of the fastest current. The area of parcel 2 could change considerably if Pass Creek had been located during its low stage.

The area given for parcel 2 is 4.09 acres more or less and is exclusive of land within the right-of-way of the S.P.R.R.



*Robert G. Dean* 3/28/80



ATTACHMENT--Wilford Haines Calculation sheet. Used to establish the northerly line of Parcel 1 for Aaron E. Matthews minor land partition in Sec. 4, T. 22 S., R. 5 W., W.M. by Robert Dean.

*Wild Spring Store*

Survey of \_\_\_\_\_

Survey Number \_\_\_\_\_

Location \_\_\_\_\_

Book \_\_\_\_\_ Page \_\_\_\_\_

For \_\_\_\_\_

Computed by \_\_\_\_\_ Checked by \_\_\_\_\_ Parcel \_\_\_\_\_ Sheet \_\_\_\_\_ of \_\_\_\_\_ Date \_\_\_\_\_ 19\_\_

	Bearing	Distance	Cosine	Sine	N	S	E	W	D.M.D.	N.D.A.	S.D.A.	Co-ordinates
	S 89°49' W	581.3										- 1.86 - 581.29
<i>1' from point</i>	<del>S 89°50' W</del>	<del>581.24</del>				- 0.68		211.24	N 89°45' E 581.0			- 0.61 211.84
A								307.34	<del>75°32'</del>			
<i>2°30'</i>	N 89°22' W	309.67			14.13				<del>84°13'</del>			+ 13.52 518.58
I	S 75°32' W	64.45				16.10		62.41				- 2.58 580.99
<i>207' Pipe East 580' Hains</i>												
<i>1' from point</i>												
I	S 89°49' W	211.24				0.68		211.24			<i>F.P.S.E.</i>	1202.11 - 11.83
A	N 89°22' W	307.34			14.05		307.35		S 89°44' W 580.99			1202.79 - 223.07
B	S 75°31' W	64.45				16.12		62.40				1185.24 520.42
<i>207' Pipe East</i>	S 55°56' W	90.34				50.60		74.84			<i>T.I.R.C.S.</i>	1204.86 - 372.92
<i>207' Pipe East</i>											<i>D.P.S.E.</i>	1255.46 - 667.66
T 1204	N 11°44' E	11.15			0.19		41.18		N 115.09 E 26.50			1204.67 551.67
T 1100	N 30°31' E	133.82			115.28		67.95		N 115°06' E 118.16			1089.58 524.87
<i>N 38°03' E turned</i>	N 38°13' E calculated				447.80		357.71		N 38°31' E 573.12			- 641.78 - 167.16
T 1204												- 641.16 - 199.84

HOWARD SUTTON CO., INC. NEW YORK CITY  
 DRAFTING AND SURVEYING EQUIPMENT  
 No. 717 TRAVERSE STREET

S. File No. 58/204N -125