

144

COUNTY SURVEYOR'S RECORD, DOUGLAS COUNTY, OREGON

BRUNNEN & CO. PORTLAND, ORE. 87545

Survey No.	Made on	Survey No.	Made on		
In Town.	Range	Sec.	In Town.	Range	Sec.
Made for	J. H. Coats and Anna Towland Coats		Made for		
Purpose of			Purpose of		

M 1-2

Hub No.	Bearing	Distance	Remarks and descriptions of corners
7	30°49' N	714.7 ft.	
8	30°49' N	1022.1	Hub No 8 is in the center of the County road
9	32°15' N	950.0	
10	31° 59' N	258.2	
11	388°19' W	159	Hub No 11 is 3 ft south of an iron pipe 1" x 30" set by Gordon Stewart for an agreement corner between John Coats and Anna Coats.
12	34°15' N	267.72.0	Hub No 12 is 3 ft. South of Iron pipe 1" x 30" set by G. Stewart. Stewart's 1/16 Corner bears N42°45' 18.3ft.
13	31° 31' E	222.0	
14	389° 01' E	203.0 ft.	Hub No 14 is an Iron pipe set by Gordon Stewart for the South East corner of Lot 5 Sec 31 but is 9.7 ft North of DLG line and old fence on same.
15	386° 05' E	125.7	Traverse to the North East Cor. of 37
16	389° 33' E	73.3	
17	38° 30' N	49.5	No bearing tree marked for NE Cor of DLG 37 by Gordon Stewart, corner in creek and washed away by computation corner is North 5.8 and West 2.5 ft of true position which would check with Pine tree called for as line tree on the North hdy of claim in the original field notes. Cor. to 25 of Plat. I returned to 14 and com'd traverse around Coats place
18	388° 25' N	216.5	
19	351°56' N	193.2	
20	365°48' N	407.6	Hub No 19 is 3.0 ft North of Pine Line tree called for in field notes of 1.37
21	384°01' N	469.7	
22	386°17' N	537.9	
23	372°10' N	272.3	
24	389°21' N	388.8	6 ft North of old fence line
25	389°34' N	267.9	Foot of Hill
26	" "	137.0	3.5 ft. North of old fence line. at foot of hill
27	" "	42.3	
28	388°59' N	219.0	
29			NE Cor of DLG 37 as set by Gordon Stewart. This corner is 7.0 ft to far North to line up with Old Line trees
SOLAR OBSERVATION FOR DIRECTION. No. 24			
30	Set at Hub #25 Back Sight	Deflect 58°41' to Sun Mag. 3	333°15' W Alt 28°38'
31	" " " " " "	" " " " " "	57°00' " " " " 335°00' " " 27°56'
Time 2:30 PM Feb 16 1923 Sun's Dec Greenwich Noon 12°34'45" HC 51.67"			
51.67" x 10.75 hrs = 554'15" from 12°34'45" equals 12°25'30"			
Lat of Roseburg 43°13' - (1° x 9 miles) or 45°04'			
Altitude 28°38' - Ref. 1' or 28°37'			
32	Cos of	Angle of Sun with South Mer. Eq. Tan Alt. x Tan Lat. + 3 sine Dec x Sec	
Alt. x Sec Lat. Then .84560 x .93469 Plus .21502 x 1.1391 x 1.3688 = .84523			
Equals Cos of 332°18' Plus 58°41' Eq. 389°01' W			
Observation No 2 gave me by similar calculation 388°56' W			
Mean of the two 388°59' which I used.			
33	388°59' N	84.3	
34	31°03' N	640.5	Began traverse to Fords and Hathornes Twp corners.
35	36°26' N	177.9	
36	335°08' N	93.1	
37			Fords Township Corner