Feb 16 1926

Mr R E Jennie
Looking Glass Ore

Dear Sir:-

Mr H L Upton County Surveyor, informs me that he has an application from you for a survey in Sec 22 of T28 S R7W.

He informed me that he had had your application for some time and at present was very busy and that he would not be able to do your work for some time. He also asked me to communicate with you and if agreeable to you do the work you have.

If you will call when you come to Roseburg you & I should like to talk this matter over with you. I expect to be out most of tomorrow but will probably be in the office Thursday. If you would rather call me by 'phone for appointment do so.

Very truly yours

GPC

U.S. File No. 37151

Survey for R. E. Jennie
Looking Glass Oregon.

March 3rd to 10th

The object of this survey was to determine the south boundary of the North half and the NW¼ of the SE¼ Section 22 T 28 S R 7 W Willamette Meridian.

Beginning at the Section Corner common to sections 22, 23, 26 & 27 I ran the east line of section to the ¼ section corner common to sections 22 and 23. I found this line to bear N 26' W 2561.6 feet. From the center of this line I ran a traverse in a westerly direction to approximately the west line of section 22. I then ran a traverse from the SW corner of section 22 to the NW corner of the same section. I found this section line to bear N 2 37' W 4834.9 ft. I was unable to locate any evidence of the ¼ section corner so set a new corner by proportional measurements. I then computed the SW corner of the N½ of S½ of Section 22 and computed the S line of the S½ of Section 22 to be S 86 32'E 4948.7 ft. and set a series of posts through on this line.

C. S. File No. 32/151

(1)

Jennie Survey

	Dist	L	CC	MC.	Slope Dist	
Hub DLC 49						
	108.4		S 77 65' W		19.00 109.8	
10		79°14' L				
	129.2		N 22 59' W	N 25° W	22.37' 139.9	
9		26°38' 17°43' 8°53' R				
	66.1	90° 53°32'46" 26°55' L	N 31°41' W	N 30° W	30°15'-90°	
8						
	139.3	6°46' 39°23' L	N 4°49' W		39°15' 166.6	
7						
	619.7	0°3' R	N 1°26' W			
6						
	238.1	2°15' L	N 1°39' W	N 2° W	8°45' 241.2	
5						
	167.9	28°47' 12°24' R	N 10°46' E	N 7½° E	13°20' 172.6	
4						
	180.5	30°55' 15°38' L	N 13°38' W	N 9° W	11°20' 184.2	
3						
	128.3	2°08' 1°04' R	N 1°20' E		5°11' 128.5	
2						
	195.2	147°33' 73°47' L	N 73°34' W	N 76° W	N 79° W	
Hub 1						
	20.3	165°52'	N 74°26' E	N 76° E		

See. Cor. 22/27 23/26

37-151

March 31 1924 (2)

Meanders Bank 98.17 109.8

BBT T 79.16

RLT HC 88.93

Jennie PC 98.73

Hutchinson Ck 98.44 44

Pt. on S Bdy. North Cor

.91113 .95

.92388 110 L

.82459 52 L 64.27

.93459 141.7

Blazed line to left. Hub 7 Ascending from Creek Bottom. Pound 12.5' back

3 bank Looking Glass Crk 25' above Hub 6 NRW Line Cross Bar Hub 6 36' back

.91836

.92304 Along old Hazard line

At 5 Line DLC 49 40 89

.90050

.99367

73.40

U.S. File No. 37151

(3)

Jennie Survey

Hub	Dist	∠	CC	MC	Shots

(5)

Jennie Survey

Hub	Dist	∠	CC	MC	Slope
27					
	750±		N82°29'W	N84°W	
26		9°57' 4°58' R			
	604±				
			N87°27'W	N88°W	
25		8°04' 4°02' R			
	517'		S 86°31'W	S 87°36' W	
24		7°11' 3°44' R			
	155±	0°40' 0°20' R	S 84°47'W	S 87°W	15.6± 2°0'
23					
	96±	14°43' 9°49' 4°52' L	S 84°27'W	S 85°30'W	96± 12°28'
22					
	685±		S 89°23'W	S 89°W	82± 23°00' 38.0° 2°11' 13.0° Level
21		3°30' 1°45' R			
	892±		S 87°38'W		26.2± 10°40' 19.3° 23°0 40.0° Level
20		89°42' R			
	190±		S 2°04'E		
7		2°45' R			
			S 4°49'E		
8					

(6)

Mar 4 1926

Foggy AM. Pt. Fair

SBT T

RT Jennie HE

AM PE Arc

95915

96917

92393 + 1272

99403 sod 24 40°35' 89 2 JT

99939

.97642

92718 76.4

99999 = 300

99467 179.0

98244 2580

91936 1947

C.S. File No. 3745

(7)

Jennie Survey

Hub	Dist	L.	CC	NC	Slope
34			✓		
	163°		S 85° 15' W	S 86 W	
33		30 2° 15° 12' L			
	194'		N 79 33' W	N 79° W	
32		28° 40' 14° 25' R			
	100		S 86° 02' W	S 89° W	100 5° 5° 32'
31		20 32' 10° 16' R			
	124'		S 75° 46' W	S 78½ W	130 8° - 11° 15'
30		22 35' 11° 17' L			
	160'		S 87° 03' W	S 88° W	163 4° - 10° 30'
29		36 9' 18° 20' L			
	255'		N 74° 37' W	N 73° 30'	257 6° 6° 42'
28		263 5' 131° 57' L			
BS. on Sun	Point		N 57° 20' W		
Sun Point			✓		
			S 57° 20' W		
28		85° 35' 42° 47' L			
	190°		N 79° 53' W	N 81 W	
27		5 12' 2° 36' R			
			N 82° 29' W		

(8)

8602
14 25
1,786 29
79 33

99534

94470

98325

7933
15 24
1746 29
95 45

74 37
18 20
1752 57
97 03

13157
57 20
74 37

7985
236
77 49
42 42
118 32
59 2

C. S. File No. 37/57

(9)

Jennie Survey
Sun Observations

March 4.

	Hor L	Alt	Mag.	Time
1	R 20°37'	33°15'	586 W	2.27
2	R 19°37°	32°50'	537½ W	2.31
3	R 18°54°	32°31'	534 W	2.34

#1

Refraction 1'30"

Lat 43°07'30" Alt 33°15' − 1'30" = 33°14'

Decl. 6°36"

Cos Q = Tan L Tan A − (Sin D Sec L Sec A)

Tan L = .93633

Tan A = .65521

93633
187266
468165
468165
521798
6139497 93
188249
801748

S 33°42' W
20° 39
S 54°21' W

Tan Sin D = .11494

Sec L = 1.3699

Sec A = 1.1958

109592
65495
123291
150689
1.6378 2642
.11494
65512
147402
65512
1901587 32
.18248 73

(10)

#2

Tan L = .93633

Tan A = .64487

655431
749064
374532
374532
521798
.60381.11271
.18735
.79116

S 37°42' W
19°.37
S 57°19 W

Sin D = .11494

Sec L = 1.3699

Sec A = 1.1899

1.63004401
.11494
34482
68964
11494
.1873522

#3.

Tan L = .93633

Tan A = .63707

655431
6554310
280899
521798
.59650775 31
.18669
.78320

S 38°27' W
18 54
S 57°21 W

Sin D = 1.1494

Sec L = 1.3699

Sec A = 1.1857

1.624291043
1.1494
649772
146187
649772
1786 73
1.186970 42

S 57°20' W

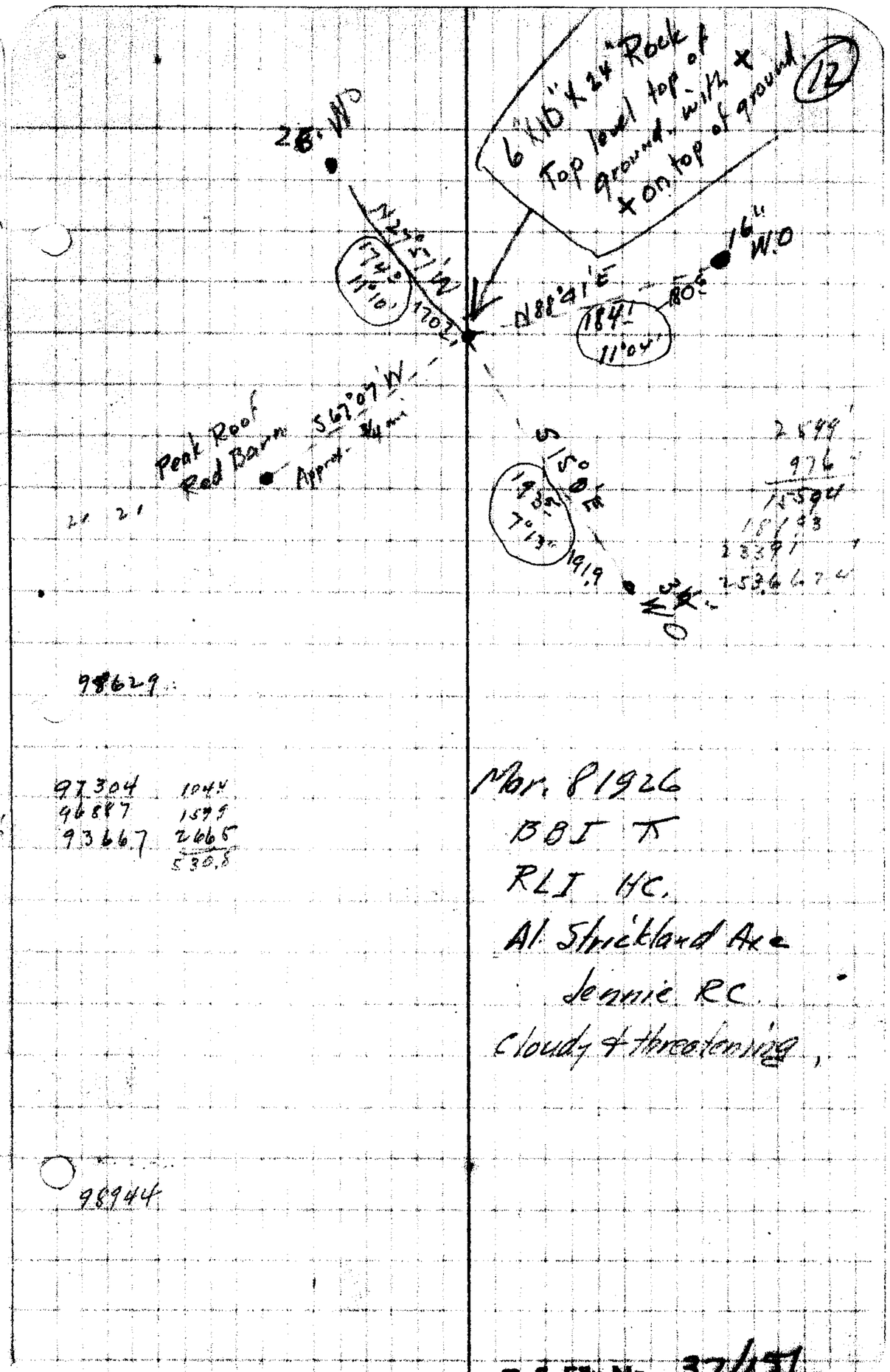
Use S 57°20' W

C.S. File No. 37/157

(11)

Jennie Survey

Hub	Dist	L	CC	MC	Slope
			✓		
See Com 21/27 22/26					
	798	155°34'	S 72° 04' W	S 72 3/4 W	
39		77°47' R			
	253		S 5° E	S 7° E	259 12°35'
38		6°31'			
		3°15' R	S 8°58' E		
	103			S 10 E	
37		6°55'			
		3°28' R			
	75	7°50'	S 30° 1' E	S 29 E	76 9°30'
36		3°55' L			
				107 15°20'	
				76 14°30'	
	530		S 7° 43' W	S 9° 30' W	284 20°30'
34		155°03'			
		77°31' L			
33			S 85° 15' W		
35					
	177	3°20'	S 86° 55' W	S 89° W	179 8°20'
34		1°40' R			
			S 85° 15' W		
33					



(12)

Mon. 8 1926
BBJ T
RLI HC.
Al Strickland Axe
Jennie RC.
Cloudy & threatening.

C. S. File No. 37/151

(13)

Sta.	Dist	L	CC	Mag.	Slope
47					
	174.5		N 5°45' W ~~N 2° 11' W~~	N 4½° W	174.6 − 2°00'
46		9 55 4°55' R			
	178.4		N 10°43' W ~~N 7°09' W~~	N 10° W	179.8 − 7°14'
45		1°55 0°57 R			
	314.5		N 11°30' W ~~N 8°06' W~~	N 9½° W	163 Level 300° 6°15'
44	90.7	24 31 12°15' L			
	157.4		N 0°45' E ~~N 4°09' E~~	N 2° E	157.1 3°35'
43		9°02 4°31' R			
	159.9		N 3°56' W ~~N 8°22' W~~	N 3½° W	160.7 5°50'
42		1°02' 0°31' R			
	110.7		N 4°27' W ~~N 0°53' W~~	N 3½ W	111.9 8°30'
41		4°19' 2°10' L			
	199.4	48 30 24°15' R	N 2°17' W ~~N 1°17' E~~	N 1° W	220.3 25°11'
40					
	280.6	272 50 204 37 136°24' 71°47' R	N 26°32' W ~~N 22°58' W~~	N 24° W	288° 13°0'
34					
			S 85°15' W		
33					

(14)

85 15
71 47
13 7 82
15 7 82
2 2 58

1745
20061
1746
10476
10.45.06

99939

99243
1798
7939 44
693187
694701
99243
178438 914
2 3 75
2 2 88
117

99243
1798
99399
3
298.197
270
117
53

99804
1577
698628
699225
699420
99804
10.07.05
99482
1607
696374
5768920
99282
15.86.75.74
98902
1119
5901 18
98902
98902
91902
110.671398
97437
288
779496
779496
194874
45

99804

6845
6813
6837

90495
2203
27485
1809900
1809900
104.36.0485

99482

98902

97437

Var 22°

C. S. File No. 32/51

Sta	Dist	∠	CC	MC.	Slope	
57		12°04' 6°02' R	✓		1% Level. 300° 23°31'	
	578		N 10° 3½' E	N 11° E	300° Level	
56		N7 27 23°04' R				
	211.9		N 13° 10' W	N 11½° W	228	22°05'
55		26 37, 13°19' L				
	101.8		N 0° 09' E	N 1½° E	103	11°00' ~~1°53'~~
54		18°08' 9°34' L				
	188.8		N 9° 43' E	N 9½° E	189°	2°30'
53		10 34 5° 17' R				
	173.1		N 4° 26' E	N 4½° E	173 300°	Level 4°30'
52		7°08 3°34' R				
	143.7		N 0° 51' E	N 1° E		
51		27 22, 13°44' R				
	167.7		N 12° 52' W	N 12° W		
50		25° 31' 12°46' L				
	158.3		N 0° 06' W	North	158	2°41'
49		6 14 3°07' R				
	118.1		N 3° 03' W	N 3 W	120	11°23'
48		150°25' 75°13' L				
	156.8		N 72° 00' E	N 73½ E	174	26°02'
45		194°38' 97°19' L				
			S 10° 43' E			
44						

Rock on Hill
11694 - 2751

92664

98163

99905

Line blaze 12' ft 12' spread
99692

99891

98034

99854 offset to old blazed line.

Var 21°

Mar. 9 1926
BBI T
RLI Mc
Mt Straitbank Ave
Lennie Co
Weather Fair

12. 10 Cr
12 0 T3

15 BS
9c109
1426 5
15550
1727 5

99034
120 5
99854
1176 4980
1181 3097 4

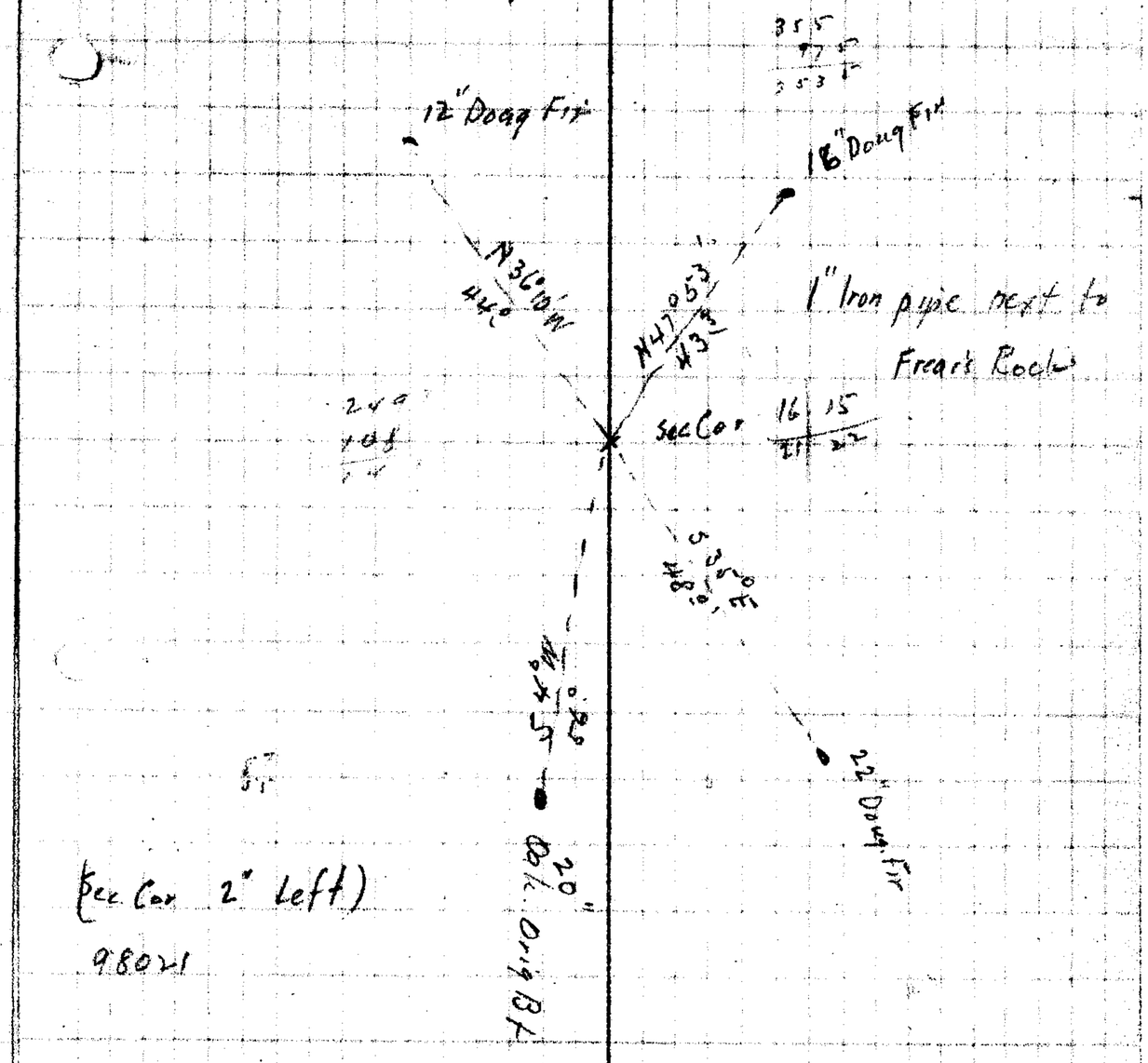
8985-4
1745
1740
4492 1
4491 6
35 99 9

10°43'
97 7
88
108
17 2

C. S. File No. 3245

Sta	Dist	L	CC	MC	Slope
		5 W 0			
		15° E		20" Fir	
		30'	S 8°06' W		
			38°		
			Ford Axle		
	1/4 Cor				
61					
	138.9		N 21° 3/2 W	N 21° W	141.2	11°25'
60		57.50 28°55' R			
	240.8		N 50° 2/2 W	N 50° W	245.5	16°05'
59		129.5' 64°56' L			
	353.5		N 14°30' E	N 13 1/2 E		
58		13 2°06' L			
	132.9		N 16°36' E	N 16° E	135.3	10°49'
57		12°04 L°02' R			
			N 10°34' E			

Blue Quartz Peak



98021

96086

98223

C. S. File No. 37/137

Jan 17/1925

Ben. B. Irving

Dear Sir;

In regard to Your letter i have just received it, and am sorry to say, I haven't a cent to my name, for anything else, Now i am just as hard up as a man can be, and i have a Mowing Machine and Hay rake, out at my Folks place at Edenbower, Ore. And if you wish to square the Bill i will sell them to you on the account and Call it square that would be the very best i could do at Present, You could very easy sell that, for that much Money in Hay season, if you wish to look at it

C. S. File No. 27/151

Call at Mr. Jennie Lee at Edenbower, Tell them who you are, and what you want to look at. If it is satisfactory, that is the best i could do at Present, as i am just Crowded to death, I paid off all i could last year and am still in a Pinch. Think the matter over, and give me a relay, As the Mower and rake is well worth the Money.

Yours Very Truely

W. C. Jennie

Tooting glass

Oregon.

12/25

Location T 28 S R 8 W Sec 22 Sheet No. 1

Owner Jennie

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by B B J

Checked by B B J

Date 3-6 1926

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED NORTH	BALANCED SOUTH	BALANCED DEPARTURE EAST	BALANCED DEPARTURE WEST	M. D.	D. M. D.	N AREA	S AREA
Sec Cor 27 22 23 26									-180.8	49 94.2						
	N74°26'E	20.3	.26836	4.2		.96332	19.5									
1									-176.6	50 13.1						
	N0°46'E	195.3	.99991	195.3		.01338	2.6		-							
2									191.3	18.1	5016.3					
	N1°50'E	128.3	99949	128.3		03199	4.1									
3									58.7	147.2	5020.4					
	N13°38'W	180.5	97182	175.4		23571		42.5								
4									3 22.4	49 77.9						
	N0°46'E	167.9	.99991	167.9		01338	2.2									
5									4 90.3	4980.1						
	N1°29'W	238.8	.99966	238.7		.02589		6.2								
6									7 29.0	4973.9						
	N1°26'W	619.7	99969	619.5		02501		15.5								
7				15 29.3				61.7	11 348.5	4958.4						
	N4°49'W	139.3	99647	138.8		08397	11.8	1.7								
8									IV 14 87.3	4946.7						
	N31°41'W	66.1	85096	56.2		52522		34.7								
9									13 15 43.5	49 12.0						
	N22°51'W	129.2	92152	119.1		38832		41.2								
10								151.8	16 6.2.6	4870.8						
	S77°55'W	108.4	20933	184.3	22.7	- 97784		106.0								
DLC 49									16 39.9	47 6.4.8						

C.S. File No. 87/151

89467
2506
53682
71573
17893
25100

5 44672
2506
268032
53760
99344
1253.9632

1034
00079
1946
13958
157526

03984 6
1994 5
15936
35856
35856
3984
7944096

.67759
1107
54260
853490
8.5.8.92.8

99764
15-49
5-876
8
4982
9976
1595.2636

157.4 5
00009
.01414.6

157.4 5
.01309
.14166
4722.0
157.4
2.06.2.46

97992
3145
48996
39968
3792
2396

4.1993.7
314.5
99685

79.5

697 16

2.0

5 85° 15' W
68 13
153 28
N 24 32 W
24° 15
N 2 17 W
2.80
N 27 W
31
N 3 56 W
N 0 45
N 10 43 W
57
N 10 43 W
458
N 6 45 W

R
68 13
24 15
31
4 31
57
458
100 205
14 25
86 180

L
2° 0
12 15
14 25

85° 15'
82°
72 15
5 45

R
21 21
3 15
77 47
103 25

77 32
38 02
27
105-34
103 23
2° 11

77 32
38 02
3 15
21 21
3 15
47
80

5 85° 15' W
77 32
54 43
7 19
21 21
3 55 55
3 15
4 5 13
4

R
68 13
24 15
31
4 31
57
458
103 25
14 25
89 0

L
2 10
12 15
14 25

5 85 15
2 11
83

5 85 15 W
179 32
57
458
15 W
3

Location T28S R8W Sec 22 Sheet No. 2

Owner Jennie

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by

Checked by

Date 192

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED LATITUDE NORTH	BALANCED LATITUDE SOUTH	BALANCED DEPARTURE North	BALANCED DEPARTURE East	M.D.	D. M. D.	N AREA	E S AREA
10				1843.4	22.7		28.4	151.8	1662.6	4870.8						
	N22°35'W	159.8	.92107	147.2		.38939		63.2	1809.8							
11									1809.8	4807.6						
	N1°08'W	261.8	.99980	261.8		.01978		5.2	2071.6							
12									2071.6	4802.4						
	N35°38'E	107.3	.81276	87.2		.58260	62.5		2158.8							
13									2158.8	4864.9						
	N13°33'E	171.3	.97217	163.1		.23429	40.1		2322.5							
14									2322.5	4705.0						
	N36°07'E	104.9	.80782	84.7		.58943	61.8		2407.2							
15									2407.2	4966.8		274.4				
	S36°49'E	13.6	.80056	10.9		.59926	8.1		2396.3							
1/4 Sec. 22/23				2584.1	3.6		200.9	220.2	2396.3	4974.9						
7									1348.5	4958.4	909.0		1/16 Cor		12885	49846
	S2°04'E	290.5	.99935	289.3		.03606	10.5									
20								8.2	1139.2	4968.9	908.5	30.7 S				
	S87°38'W	832.1	.04129	34.4		.99915		832.0								
21									1104.8	4136.9	959.5	54.1 N				
	S89°23'W	685.4	.01076	7.4		.99994		685.4							982.5	37595 1/16 Cor.
22									1097.4	3451.5	1000.8	102.5 N				308°
	S84°27'W	94.2	.09671	9.1		.99531		93.8								
23									1088.3	3357.1	1006.2	118.2 N				
	S84°47'W	155.9	.09092	14.2		.99586		155.3								
24				2774.4			10.5	1766.5	1074.1	3202.4						

C. S. File No. 37/151

Location T28S R8W Sec 22 Sheet No. 3

Owner Jennie

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by

Checked by

Date 192

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED NORTH	BALANCED SOUTH	BALANCED DEPARTURE EAST	BALANCED DEPARTURE WEST	M. D.	D. M. D.	N AREA	S AREA
24					274.4		10.5	1766.5								
	S 88°31'W	517.0	02589		13.4	99966		516.8								
25																
	N 87°27'W	604.5	04391	26.5		99904		603.9								
26																
	N 82°24'W	750.3	13081	98.1		99141		743.9								
27																
	N 79°53'W	190.0	17565	33.4		98445		187.0								
28																
	N 74°37'W	255.1	26528	67.8		96417		246.5								
29																
	S 87°03'W	160.2	05146		8.3	99867		160.5								
30																
	S 75°46'W	124.2	24587		30.5	96930		120.4								
31																
	S 86°02'W	100.0	06918		6.9	99760		99.8								
32																
	N 79°33'W	194.7	18138	35.3		98341		191.5								
33																
	S 85°15'W	163.0	08281		13.5	99657		162.4								
34																
	S 86°55'W	177.2	05379		9.6	99855		177.6								
35																

C. S. File No. 37/151

L R

3 23 | 3
2 15 | 1424
15 28 | 1427
73 40
93 106
14 27
79 79

80. 79
76 30
3 49

73° 40
15 28
2 15
3 23
93 106
11 50
82 56
76 30
6 26

1424
3 3
3 23
11 50

3 23
38
2 45

76 20
73 40
2 50
1 04
3 54

15 28
3 54
11 34

14 24
11 34
2 50

73° 40'
14 24

104'
15 28

73° 40'
15 28
2 15
3
90 86

180 0
- 176 3
C 116.9
1 2 3

2 196.3
1 88.5
1107.5

49724
117.3
9.1

49724
9.1
4984.6

17.46506

S80.8S. / 4894.2 E.

2 8 08
2 0 8 6 2
19 5 5 6
1 3 0 6 0
1 2 2 3 2
1 5 5 5 0
1 5 2 4 5
1 4 3 2 0
1 4 0 4 0
8 1 8 0

Soline 22
N 58° 43' W
4902 E

1150 L

N 76° 30' E
73 40
2 50
1 04
3 54

15 28
3 54
N 11 34 W.

14 24
11 34
N 2 50 E
2 15
35
3
N 0 38' E

3 23
38
2 45

3 23
38
2° 45'

73 40 L
15 28 L
2 15 L
3 23 L
93 106
14 27
79 79
76 30
3 49

3
1424
1427

80 29
76 30
3 59
1 05

99503
25 37
69652
29858
49515
19922
25121 057

.04961
25 37
69927
29858
49508
19922
25121 057

17.5

14.2
79.5
64.7

7

837.29
1662
5017 W
S-0177W
837.29
1393259 W

Location T 28S R7W Sec 22 Sheet No. 4

Owner Jennie

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by BBJ

Checked by BBJ

Date 3-6 1926

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED LATITUDE NORTH	BALANCED LATITUDE SOUTH	BALANCED DEPARTURE EAST	BALANCED DEPARTURE WEST	M. D.	D. M. D.	N AREA	S AREA
34									1062.6	169.7	55.8	113.9	East			
	S7°43'W	530.8	99094		526.0	13427		71.3								
36									536.6	78.4	80.2	18.2				
	S30°19'E	75.5	86325		65.2	50478	38.1									
37									471.4	136.5	83.0	53.5				
	S8°58'E	108.5	98778		102.2	15586	16.1									
38									369.2	152.6	87.6	6.5.0				
	S5°43'E	253.7	99503		252.4	09961	25.3									
39									116.8	177.9	09.3	78.6				
	S77°47'W	77.8	21161		17.0	97735		77.7								
See Cor. 21/22 27/26					962.6				100	100						
34									1062.6	169.7	55.8	113.9			1/4 pt 1245 1200.75	E 44.7
	N26°32'W	280.6	89467	251.0		44672		125.3								
40									1313.6	44.4	44.1	0.3				
	N2°17'W	199.4	99921	199.2		03984		7.9								
41									1512.8	36.5	34.9		1.6			
	N1°27'W	110.1	99699	110.1		07759		5.6								
42									1623.2	30.9	30.2	0.7				
	N3°56'W	159.9	99764	159.5		06560		11.0								
43									1782.7	19.9	22.8		3.1			
	N0°45'E	157.4	99991	157.4		01309	2.1									
44									1940.1	22.0	15.7	6.3				
	N11°30'W	314.5	97992	308.2		19937		62.7								
45				148.5.1				21.2.5	2748.3	— 40.7	2.0	4.2	42.7			

C.S. File No. 37/151

Location _____ Sheet No. _____

Owner _____

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by _____

Checked by _____

Date _____ 192__

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED LATITUDE NORTH	BALANCED LATITUDE SOUTH	BALANCED DEPARTURE EAST	BALANCED DEPARTURE WEST	M. D.	D. M. D.	N AREA	S AREA
~~45~~																
~~46~~																
~~47~~									2248	-40						
	N72°00E	56.8	30907 / 95166	~~48.5~~ / 45.1		95106 / ~~30907~~	~~129.1~~ / ~~48.5~~									
48									22968 / ~~22968~~	108	-0.5	108				
	N9°13'~~W~~	18.1	99847	180.8		05611		1.2								
49									2477.6	98	-9°	107				
	N0°6'W	107.3	10000	15-8.3		00175		0.3								
50									2635.8	97.9	-16.1	114°				
	N12°52W	167.7	97489	163.5		22268		37.3								
51									2799.4	60.6	-23.8	84.4				
	N0°52'E	143.7	99989	143.7		01513	2.7									
52									2943.1	62.8	-30°	92.8				
	N4°25'E	173.1	99703	171.6		07201	15.3									
53									3114.7	76.1	-38°	107.1				
5	N9°43'E	188.8	98565	186.1		16578	31.9									
54									3300.8	108.2	-46.5	154.5				
55	N0°09E	101.8	10000	101.8		00262	~~0.03~~									
56									3402.6	108.2	-51.6	159.6				
	N31°0'W	211.9	97371	206.3		22778		48.7 / 96.1								
57									3608.9	59.7	-60.7	120.4				
	N10°34'E	578.4	98304	569° / 1729.6		18338	106.1 / 302.6									
58									4177.9	66.8	-87°	252.8				

C. S. File No. 37/15

Location _____ Sheet No. _____

Owner _____

TRAVERSE SURVEY AND CALCULATION OF AREA

Computed by _____

Checked by _____

Date _____ 192__

STATION	COURSES BEARINGS	COURSES DISTANCE	L. COS.	LATITUDE NORTH	LATITUDE SOUTH	D. SIN.	DEPARTURE EAST	DEPARTURE WEST	BALANCED LATITUDE NORTH	BALANCED LATITUDE SOUTH	BALANCED DEPARTURE EAST	BALANCED DEPARTURE WEST	M. D.	D. M. D.	N AREA	S AREA
58									4177 9	165 8			East			
	N16°36'E	132 9	95832	127 4		28569	38.0									
58									4305 3	203 8	-93°	296 8				
	N14°30'E	353 5	96815	342 2		25038		88.4								
59									4647 5	115 4	-108 5	223 9				
	N50°26'W	240 8	63698	153 ✓		77088		185.6								
60									4800 9	-72 25	-115°	44 8				
	N21°31'W	138 9	93031	129 2		36677		51.00								
61				752 2			38.0	325 0	4930 1	-121 2	-42 2					
								287"				10°				
								165								
								121 2								
									100 4830	100 -221 2						

N 2° 37' W

-1483

221.2) 4830.1

4424

4061

2212

19490

17696

7940

6636

1304.0

1327.2

4830.1 × 0.37 = 1787.4

4830.1 × 0.99846 = 4824.5

4830.1

1207.5

2415

3622.5

4212

55.3

110.6

165.9

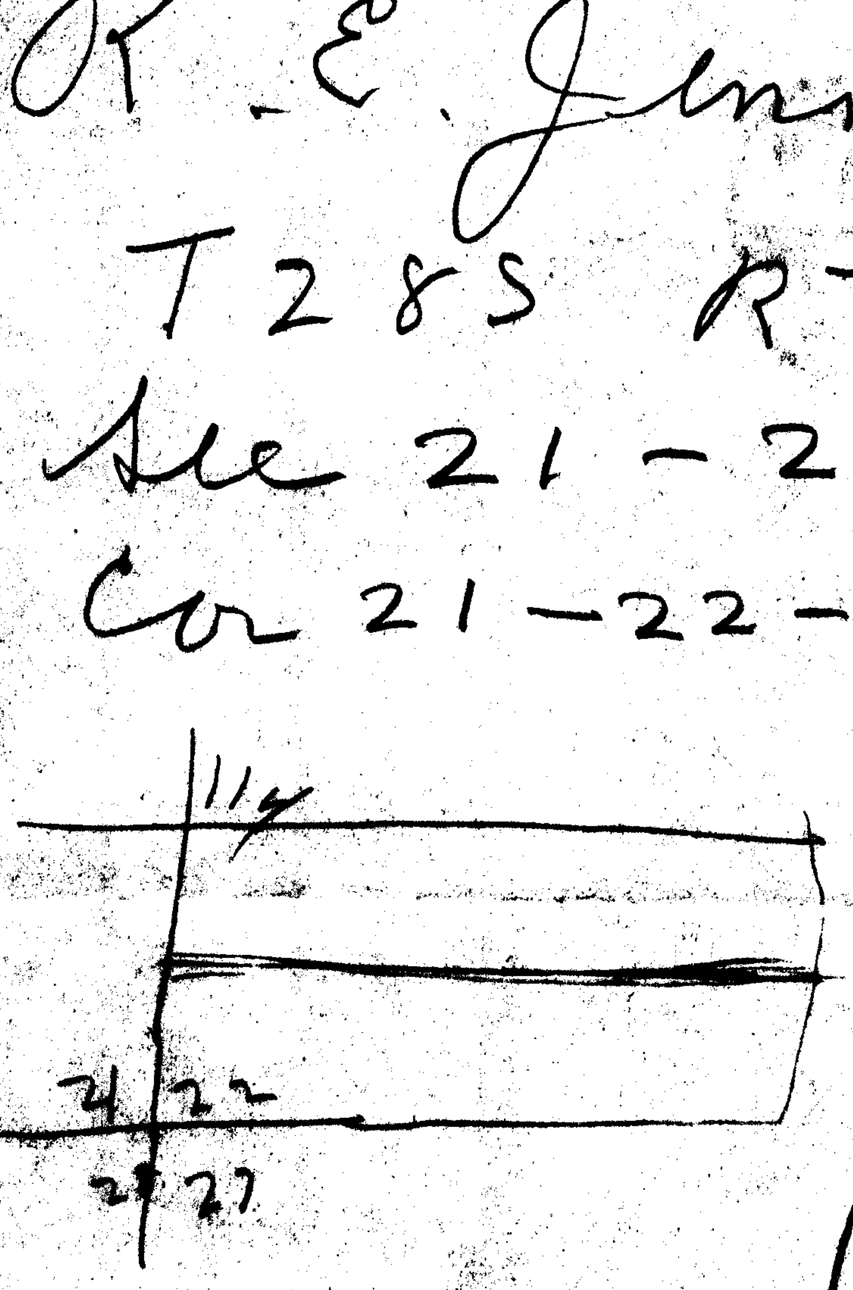
C. S. File No. 37/151

R. E. Jensen Looking glass

T 28 S R 7 W

Sec 21 - 22

Cor 21-22-28-27



U.S. File No. 21 T 28 S R 7 W

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