FIELD NOTES

OF THE SURVEY OF THE

STATE BOUNDARY FROM 51 MILE 48 CHAIN MONUMENT TO 46 MILE	
MANTENERS TRUDESTED DESCRIPTION OF THE COLUMN DATE.	100 KW 400 400 400
MONUMENT, INDEPENDENT RESURVEY OF THE SOUTH BOUNDARY,	400 000 000 nps nps
DEPENDENT RESURVEY OF THE WEST BOUNDARY,	
and the	
SUBDIVISIONAL LINES OF TOWNSHIP 6 NORTH, RANGE 39 EAST.	
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	- 1000 0000 0000 0000 0000
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	was done over ever ever
	FOR MICH MICH MICH MICH
	k peres deser pape-spelar sjulik
Of the WILLAMETTE Meridian,	
In the State ofOREGON	e sedan norm, sedan stylensfeldit.
EXECUTED BY	
OTIS O. GOULD U. S. TRANSITMAN	i dipel taller sake apar egagi.
	There space does dot of species
	enti tinc setti tolar esco
Under special instructions dated April 11 , 19 29, which provide	led
for the surveys included under Group No. 135, bearing the approval of	the
Commissioner of the General Land Office under date of May 13, 1929	াত প্ৰয়োধ নামৰে, পৰিপতি নামানাৰ পৰিছেন
and assignment instructions dated May 19, , 19 32.	
Survey commenced Aug. 1 , 19 32.	

INDEX DIAGRAM.

		Towns	hip	Nort	h	g	Range		39 Ea	st.	975 - 900 - 600 - 800 - 800 - 800 - 800 - 800 - 800 -	
		6					3		2			
Wile			1. 60 Ch.	11.40Ch.			10	1.52ch.	11	1.40 60.	12	
- 4 A -		Orego,	3 7 56		105hir	gtor	7 41	105 to	7 te 1 3 2 35	Bou	ndary 29	Line
	17 21	54	5 5	47	46	40	40	34	33	28	27	
	17 20	10	53 20	45	21	39	22	32	23	26	24	
		52	51		44		38		32		25	
	17 19	30	50 29	43	28	37	27	3/	26	24	25	
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	17 17	31	28 32	42	83	35	34	29	35	22	36	
		16	15		13		/ <i>3</i> 6—18		//		10	

Retracements indexed in Red.

Resurveys indexed in Blue.

Original surveys indexed in Black.

The retracement and dependent resurvey of the Oregon and Washington state boundary through range 39 east, the retracement and resurvey of the west boundary, independent resurvey of the south boundary and subdivisional lines of fractional township 6 north, range 39 east, were executed with a Burt solar compass made by W. and L. E. Gurley, serial No. 20, U. S. G. S., constructed in accordance with the standard specifications of the General Land Office.

The horizontal circle has a diameter of 5\frac{3}{4} ins., with opposite double verniers reading to single minutes; the sight vanes have a length of 8 ins. and a spread of 14 ins. The instrument is equipped with a Burt solar attachment; radius of latitude arc 5.4 ins., and decl. arc 4\frac{3}{4} ins., each with verniers reading to single minutes.

The observations in camp; on Polaris for the establishment of the meridian; and the altitude observations on the sun on the meridian to verify the latitude and the reading of my watch, were executed with a light mountain solar -exe avevinetransit made by Buffeand, Buff, serial No. 9987, construct-. ded in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of 42 inches, with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with focal constant of 1.2 lks. The instrument is equipped with improved Smith solar attachment: radius of latitude arc 2½ ins., and of decl. arc 3½ ins., each with verniers reading to single minutes. The instruments were in good condition, having been placed in satisfactory ajustment prior to the beginning of the survey, and tested and found free from appreciable error, were approved by the district cadastral engineer on May 19, 1932. I examined all the instrumental adjustments before making the field tests hereinafter recorded of and to . and our list

The direction of all lines was determined by solar compass method. The measurements were made with a Lallie steel tape, 5 chs. in length, graduated every link for the first 100 lks., and the balance at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard l ch. steel tape and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment: the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SW. cor. of T. 5 N., R. 39 E., as follows: latitude 45°52'N., and longitude 118°00'W. July 23, 1932, in camp located near the center of sec. 25, at 11h 35m 07s p. m., l.m.t., or 11h 26m 40s p. m. by my watch, which reads correct 120th meridian time as determined by radio signal I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point, on a peg driven firmly in the ground 10 chs. N. July 24, after sunrise, I lay off the azimuth of Polaris 1°31'44", and make a meridian mark on a second peg, 26. 68 lks. (17.61 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

In order to verify the latitude of this station and the reading of my watch. I make a meridian observation of the sun, first setting on the lower limb and noting the transit of the west limb, then after reversal of the instrument, setting on the upper limb and noting the transit of the east limb, as follows:

Township 6 North, Range 39 East.

	T I	a a mindre of moralle usings of mast.
69.1	it, tase	Same, by reference to radio time signals and calculated difference in longitude 8m 27s.
io	eenil fa	Every 30 minutes from 6 to 10.30 a. m. and from 1.30 to 6 p. m., I make proper settings on the arcs of the
	Curley,	solar attachment and ascertain that the resulting orienta- tion of the instrument, when compared with the maridian
	Mill .	established by Polaris observation, has a maximum error less than 1'30". I repeat the tests of the arcs daily by noon observation
-1	ex attac	and verify the meridional indications at frequent inter- vals throughout the survey. The observed magnetic declination is 21° 50° E.
	2001	inim efamie of amihers residrev diw doseami
i di	Chains	Resurvey of Part of the Oregon and Washington Boundary
. 0	uritanco di ho aix	"Dependent resurvey, reestablishment of the surveys executed by Daniel, G. Major, Astronomer and Surveyor, in 1864."
	guthaet	areinrev ediacogo eloRetracementw , sedoni de lo
80	tunim el	From the 51 mile 48 ch. monument, on the Oregon and Wash-
	A DULLAN	West, retracing the Oregon and Washington boundary.
	1.13	Fall 2 lks. S. of the 4 sec. cor. of sec. 14, T. 6 N., R. 39 E., established under group No. 130, Washington.
Oì	41.13	Fall 77 lks. S. of the cor. of secs. 14 and 15, T. 6 N., R. 39 E., established under group No. 130, Washington.
	TRIOR	Fall 146 1ks. S. of the 50 mile 52 chain monument.
.9	iffel e	This line diseN.88:56 W., 978.91 chs. den assemble to the desire and the second assemble to the desire assemble to the desired
The same	TO TES.	From the monument a contact was hingful to the con-
	MARCO TO	West, retracing the Oregon and Washington boundary.
D.I.	2.23	Fall 1 lk. S. of the 4 sec. cor. of sec. 15, T. 6 N., R. 39 E., established under group No. 130, Washington.
		Fall 14 1ks. S. of the cor. of secs. 15 and 16, T. 6 N., R. 39 E., established under group No. 130, Washington.
V.O	82.23	Fall 27 lks. S. of the 4 sec. cor. of sec. 16, T. 6 N., R. 39 E., established under group No. 130, Washington.
	T GOODE	Fall 39 lks. S. of the cor. of secs. 16 and 17, T. 6 N. R. 39 E., established under group No. 130, Washington.
4	155.17	Fall 50 lks. S. of the 48 mile 40 chain monument.
= (8 . 3	This line is N.89°49'W., 155.17 chs.
V	OI SCIE	From the vmonument, vreado ent vd benimine teb entil
	DITE IN	West, retracing the Oregon and Washington boundary.
nto t	end.	Fall 2 lks. S. of the 4 sec. cor. of sec. 17, T. 6 N., R. 39 E., established under group No. 130, Washington.
	44.50	Fall 14 1ks. S. of the 47 mile 60 chain monument.
	18 100 e8	This line is N.89°49'W., 44.50 chs. viesdo heem
		From the monument, oids wised to smit detaw dash

THRESTOR OF	Resurvey of Part of the Oregon and Washington Boundary.
Chains do thw mo	
	<u> </u>
* *	THE STAR STEED DOES STAR A STARS .
	A'fir, 14 ins. diam., bears N.69 E., 30 lks. dist., marked 4 S 18 B T.
	A fir, 12 ins. diam., bears N. 32 W., 40 lks. dist., marked & S.18 B T.
	Continue to desc. 360 ft. over broken NW. slope.
51.35	Enter grassy opening, bears N. and S.
57.65	Ridge, bears N.60°W., and S.60°E.; continue to desc. 100 ft. over broken SW. slope.
0. 120,	Point for the 4 sec. cor. of sec. 18 only, determined as hereinafter set forth.
ditiw.	Continue to desc. 355 ft. over broken SW. slope.
	Enter heavy timber and scattering undergrowth, bears NW. and SE.
	38 and 39 E., determined as hereinafter set forth.
	Thence over rolling bottom land.
* * 79.55 *	Creek, 10 lks. wide, course S.; asc. 75 ft. over SE. slope.
82.45	Spur, slopes SW.; desc. 5 ft. over SW. slope.
82.56	The cor. of lots 4 and 5 of sec. 18 only, established under group No. 130, Washington, which is an iron post, 1 in. diam., protruding 10 ins. above ground, with brass cap marked
	BALTI, Woo.M armed ,Smish .ani V ,xif A .5 4 W M .5 4 bearsm
Masgof	This monument stands 1881 summit of sour, which s
	. Level bas escaletanom basil
	A fir, 14 ins. diam., bears N. 70°E., 56 lks. dist., marked L 4 S 18 B T.
	A fir, 18 ins. diam., bears N.53°W., 35 lks. dist., marked L 5 S'18 B T.
	Continue to desc. 105 ft. over SW. slope.
86.95	Paradise Creek, 15 lks. wide, course N.35°W.; over bottom land.
89.85	Leave bottom land, bears NW. and SE.; asc. 265 ft. over broken NE. slope.
	The closing cor. of Tps. 6 N., Rs. 38 and 39 E.; on summit of spur, which slopes N.15°E. This cor. was established under group No. 130, Washington, and is an iron post, 3 ins. diam., protruding 12 ins. above ground, and in a mound of stone to top, with brass cap marked
	. equia .Wa revo .Ji 08T6Nash ; .2 asquis .rsq2 0002 R38E R39E S13 S18
	1931

		Donat of Donat of Had One on Cond World net on Donat Donat
	Chains	Resurvey of Part of the Oregon and Washington Boundary.
		from which
		A fir, 14 ins. diam., bears N.47°E., 31 lks. dist.,
	at a traver over	marked T 6 N R 39 E S 18 C C B T.
	cio iniw mo	
	· daib ·	A fir, 14 ins. diam., bears N.312°W., 36 lks. dist., marked T 6 N R 38 E S 13 C C B T.
4		Desc. 115 ft. over NW. slope. BHI ON , Wess. M arsed , .msib .ani Si , will A
		Asc. 205 ft. over broken NE. slope.
7		Spur, slopes N.; along broken N. slope.
	120.75	Spur, slopes N.20°W.; desc. 115 ft. over NW. slope.
0	of .oeep	of endianos; and S.60°E.; continue to
	124.80	Ravine, course N.; asc. 210 ft. over broken NE. slope.
	134.86	The 46 mile monument, on the Oregon and Washington bound-
		ary, which has been perpetuated under group No. 130, Washington, and now is an iron post, 3 ins. diam., set
	**	36 ins. in the original mound of stone to top, with
76	M BIBOU	or. 50. Enter heavy timber and scatt bearded .00.70 46 M .28 bns
and the second		
* 371		73.98 Proportionate point for the closing cor. of Tps Se and 39 E., detgegned as hereinafter set f
		from which
. ego	Le . Ed T	A fir, 20 ins. diam., bears N.10°E., 56 lks. dist., marked 46 M W B T.
		A fir, 32 ins. diam., bears S. 26°E., 44 lks. dist.,
		datae marked 146 MeOnB T. bns & stol to . roo ent ac. S8
, 0	iron pos	banca fir, d24 ins. Odiam bears S. 69W., 20 1ks. dist.,
		marked 46 M O B T. begram 030
		A fir, 7 ins. diam., bears N.5°W., 17 lks. dist.,
		marked 46 M W B T.
		This monument stands on summit of spur, which slopes N.
	doidw mo	
		Land, mountainous and level. Soil, sandy loam, rocky; 3rd rate.
		Timber, fir, pine, spruce and tamarack.
	* dais *	Undergrowth, alder, vinemaple, Oregon grape, rose, sumac, cherry, mountain mahogany, mountain laurel, mountain
		ash and syringa. *I deliged bearsm
		anata WO mare 49 AAT anab at any stores
		Independent Resurvey of the South Bdy. of T. 6 N., R. 39 E.
1.00	JJOG 197	ori West. Mastuce les avec 13 1kg wide, course M. 35 eW.; o
		"Independent resurvey, superseding the survey executed by Rufus S. Moore, U. S. Deputy Surveyor in 1882,". 8
		.egole. WE. elope.
	mus no:	Beginning at the cor. of Tps. 5 and 6 N., Rs. 39 and 40 E., in latitude 45?57'N.; and longitude 117°52'31 W.; as
bed	sildeses	described in T. 5 N. R. 40 E. of this group.
		oni na ai bna ,notanidas ,081 .oM'quorg rabhu ; bWest; betdasecs: ilandi36, borg , maib .ani &
		earned of stone to top, with bress cap marke
		Asc. 120 ft. over SE. slope, through timber and brush.
	5.00	Spur, slopes S.; desc. 80 ft. over SW. slope.
		818 818 mgch mach
		ISSI

Independent Resurvey of the South Bdy, of T. 6 N., R. 39 E. Chains 37. Ensed , broost isicil T6NR39Ett beditseed as asent tenisate S 6 S 5 exists odd soe end antieretiider. word end vortaen I 1982 eart animaed blo edt no from which . EUOULESJAUOM . DAOL A fir, 12 ins. diam., bears N. 28°E., 18 lks. dist., marked T 6 N R 39 E S 32 B T. Undergrowth, salder, vinemeple, buckleberry, fern, Afir, 12 ins. diam., bears S. 39°E., 53 lks. dist., marked T 5 N R 39 E S 5 B T. Afir, 8 ins. diam., bears S.82°W., 49 lks. dist., marked T 5 N R 39 E S 6 B T. A fir, 14 ins. diam., bears N. 629W., 40 lks. dist., marked T 6 N R 39 E S 31 B T. . S. DES . 1 STSOO . DOODS OFFIXED OF. 6 From this cor. the original cor. of secs. 5, 6, 31, and 32, which is a point determined by the original bearing trees, as described in the official record, bears N.75°30°W., 719 lks. dist. I destroy this old cor. by obliterating the scribe marks on old bearing trees. Soil, sandy loam, rocky; 3rd rate. Timber, fir, pine, spruce and tamarack. Undergrowth, alder, huckleberry, vinemaple, willow, fern, Oregon grape, salal, mountain laurel, mountain ash, mountain mahogany and buck brush. West, bet. secs. 6 and 31. ed, of set on iron post, bit. long, lin. diem., bins. to the Asc. 170 ft. over gradual E. slope, through timber and brush. Tell deo sasad dilw . Too . oes d tot New road, now under construction, bears N. and S. 7.30 Ridge, bears NE. and SW.; desc. 115 ft. over NW. slope. 17.80 24.62 Intersect the West Bdy. of T. 6 N., R. 39 E., projected South, 1.95 chs. dist., from old cor. of Tps. 6 N., Rs. 38 and 39 E. hereinafter described. At point of intersection. Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of T. 6 N., R. 39 E. only, with brass Legino cap marked .sc bas c .soes to .roo .oes t equie .a laubara reve .ft T6N ass of sunitaco WE bas . Towns9E entlementer 80.02 . FS.6 . We are defined discoult discoult 53. Asidwigot ascent, beers W. and S.; thence over rolling land. A spruce, 6 ins. diam., bears N. 7ºE., 77 lks. dist., marked T 6 N R 39 E S 31 B T. A fir, 12 ins. diam., bears N.52°E., 61 lks. dist., dasi and low remarked T.6 NeR 39 E S 31 B T. mesons to got oc. av Soil, sandy loam, rocky; 3rd rate. Land, mountainous. 00,08 Timber, fir, pine, spruce, and tamarack. Undergrowth, huckleberry, salal, vinemaple, cherry, alder, mountain mahogany, Oregon grape and syringa.

	Resurvey of the West Boundary of T. 6 N., R. 39 E.
Chain	S SILLS OF SILL SILL SILL SILL SILL SILL SILL SIL
	"Reestablishment of the surveys executed by Geo. Williams, U. S. Deputy Surveyor, in 1872,"
	Random Line.
	I commence the retracement at the old cor. of Tps. 6 N., Rs. 38 and 39 E.
do idw m	North, retracing bet. secs. 31 and 36.
40.00	Find no trace of the 4 sec. cor. Set temp.
80.00	Find no trace of the cor. of secs. 25, 30, 31, and 36. Set temp. 18 88 88 88 88 88 88 88 88 88 88 88 88
	North, retracing bet. secs. 25 and 30.
40.00	Find no trace of the a sec. cor. Set temp.
80.00	Find no trace of the cor. of secs. 19, 24, 25, and 30. Set temp.
*Warol	North, retracing bet. secs. 19 and 24. gaing 08.81
	Find no trace of the 4 sec. cor. Set temp.
	Find no trace of the cor. of secs. 13, 18, 19, and 24. Set temp.
	North, retracing bet. secs. 13 and 18.
	Find no trace of the # sec. cor. Set temp.
43.97	Intersect the Oregon and Washington bdy. Find no trace of the old closing cor. of Tps. 6 N., Rs. 38 and 39 E.
	From this point the proportionate point for the closing cor. of Tps. 6 N., Rs. 38 and 39 E., bears N.89°49'W., 21.11 chs. dist.
	The line bet. the old cor. of Tps. 6 N., Rs. 38 and 39 E., and the proportionate point for the closing cor. of Tps. 6 N., Rs. 38 and 39 E., is therefore N.4°15'W., 284.82 chs. The proportionate length of the E. bdys. of secs. 36, 25, and 24 is 77.98 chs., and the proportionate length of the E. bdy. of sec. 13 is 50.88 chs.
	40.94 Proportionate point,
dtania oot ot	Set an iron post, sift ins, line, line anound of stone ground to solid engly jurit a mound of stone
DONTAG	Thence from the cor. of T. 6 N., R. 39 E. only., herein- before described.
	North, on the W. bdy. of sec. 31.
1.95	The old Tp. cor. of Tps. 6 N., Rs. 38 and 39 E., which is determined from traces of old rotted stake and
. daib	evidence of original mound and pits.
.Jeib	This cor. will hereafter refer to T. 86 N., R. 38.E., and T. 5 N., R. 39 E
	At true point for cor.
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of T. 6 N. R. 38 E. and T. 5 N., R. 39 E., with brass cap marked.
	egols . MM .; desc. 550 ft. over NE. slope.

79.93 Proportionate point,

		Paguarar of the West Boundary of M. 6 N. D. 70 D.	
	Chains	Resurvey of the West Boundary of T. 6 N., R. 39 E.	
		"Restablishment M6Tthe surveys executed by G Williams, U. S. M6T S36 R39E R39E 168 S36 R39E N5T N5T	
*		The roomeness the retraction of the old cor. of I	2
		do bus 18 . sees. 31 and 36.	
		equest took . noo . neek the grane on but temp.	
	• 36 DELB	A spruce, 9 ins. diam., bears N.45°W., 18 lks. dist., marked T 6 N R 38 E S 36 B T.	
		Thence continuing my measurements.	
		N.4°15'W., resurveying the W. bdy. of sec. 31.	
	* 03 DAIS	Desc. 690 ft. over broken NW. slope, through timber and dense brush.	
	19.80	Spring branch, 2 1ks. wide, course NW.; thence along W. slope.	
	32.50	Small spur, slopes NW.; continue to desc. 220 ft. over N. slope.	
. con page	40.11	Mid point on W. bdy. of sec. 31, later determined.	
		Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, for 4 sec. cor., of sec. 31 only, with brass cap marked	
	gnisolo.	of the old closing tor. of Tps. 5 M., Re. 38 1831 Brom this point the proportionate point for the	
		.M aused M es bas 88 1932. M a .aqT to .tos . daib .ado II.IS from which	
E GS	es bas ento ro ento	A fir, 10 ins. diam., bears N.35°E., 61 lks. dist., marked 4 S 31 B T.	
. 8	sec ionate	A fir, 18 ins. diam., bears S.23°E., 34 lks. dist., marked \(\frac{1}{4}\) S 31 B T.	
		Proportionate point,	
		Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for 4 sec. cor. of sec. 36 only, with brass cap marked	
		Loginal described. 2 S36 Loginal Wediness on old Morin, on the W. bd.v. bd.v. bd.v. bd.v.	distribution of property and property and property of the prop
		.2 98 bas 88 .88 . M & .80T to . Too .gT blo edfrom which	
	bous	A fir, 10 ins. diam., bears S.74 W., 24 lks. dist.,	The state of the s
	T. T. 8	marked & S 36 B T. Solve W Sacl of refer reflected Liw . not stdT	
		A fir, 14 ins. diam., bears N. 30°W, 18 lks. dist., marked 4 S 36 B T.	
		Continue to desc. 40 ft. over N. slope.	
e *		Ravine, course NW.; asc. 430 ft. over SW. slope.	
	62.00	Spur, slopes NW.; desc. 550 ft. over NE. slope.	
and the second second	79.93	Proportionate point,	-

6-8155

	a ec.	. Resurvey of the West Boundary of T. 6 N., R. 39 E.
	Chains	
*		Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25 and 36 only, with brass
		cap marked
		.eqofe .W revo .th OSC S36 S3i w seqofs .rug8 Oc. 04
and a secolar	* Was	evo .12 676 .028 ; .WM estupe 32 ebiw .21 1 , xeero 01.00
		, drieg edencidrogorfrom which
	tans. tootot	A fir, 8 ins. diam., bears S.80°W., 58 lks. dist., marked T 6 N R 39 E S 30 B T.
	1	A fir, 45 ins. diam., bears N.45 W., 73 lks. dist., marked T 6 N R 39 E S 25 B T.
	80.22	Point for the closing cor. of secs. 30 and 31, determined as hereinafter set forth.
	idw mo	Land, mountainous. Seef Soil, sandy loam, rocky; 3rd rate.
	TBID .	Timber, fir, pine, spruce, tamarack and yew. Undergrowth, huckleberry, alder, willow, vinemaple, salal, Oregon grape, fern, mountain ash and buck brush.
	ath.s	N.4°15'W., resurveying the W. bdy. of sec. 30.
	* 900	Desc. 55 ft. over NE. slope, through timber and brush.
Dexi.	2.500	Ravine, course NW.; asc. 300 ft. over SW. slope. 1.08
	18.00	Spur, slopes NW.; desc. 500 ft. over N. slope.
	18.10	Trail, bears. NW. Tand SErweer, msof yours, lies.
		Ravine, scourse, NW.; asc. 110 ft. dover SW. slope.
		Proportionate point, missamon bas dauto mond
		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. of sec. 25 only, with brass cap marked
		Desc. 170 ft. over W. slope, through timber and \$28 \frac{1}{4} \$25
		.eqofa .Wa revo .ft Odd .os/ ;.W earnoo .enivsh Od. v
		.eqcia .WW revo .fi Oci .saec ; desc. loo ft. over lugfromowhich
and the second s		A fir, 10 ins. diam., bears S. 222 W., 351ks. dist., marked & S 25 B T.
		A fir, 22 ins. diam., bears N.20°W., 54 lks. dist., marked & S 25 B T.
		Continue to asc. 800ft. over SW. slope.
	40.09是	Mid point on the W. bdy. of sec. 30, later determined.
		Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top.
* *	Jaib .	for 1 sec. cor. of sec. 30. only, with brass cap marked
7	taib.	Afir, 10 in 0828 df an., bears N.67°W., 17 liss
		1932 SA B T. Deniram
A		.equis .W revo .jf Of .pseb of emnistrafrom which
		marked \(\frac{1}{4}\) S 30 B T.

9 5 4 4-673 b

	Chains	Resurvey of the West Boundary of T. 6 N., R. 39 E.
888	mi .ami	Apine, 32 ins. diam., bears N. 49°E., 159 lks. dist., marked 5 30 Br
		Continue to asc. 150 ft. over S. slope.
	46.50	Spur, slopes W.; desc. 520 ft. over N. slope.
		Creek, 1 lk. wide, course NW.; asc. 375 ft. over SW. slope.
		Proportionate point,
		Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of secs. 24 and 25 only, with brass cap marked
53	determin	, 18 bns 08 .sees to .TS25 R39Es ent rot thiof 88.08 .nd R38E S30 Testisnieren 88
		Land, mountainous, Seel hoidw montainous, Seel control of the sendy loam, rocky; Sed rate. Timber, fir, pine, spruce, tamarack and yew.
* 13		A fir, 10 ins. diam., bears S.48°W., 15 lks. dist., marked T.6 N R 38 E S 25 B T.
		A pine, 30 ins. diam., bears N.80°W., 19 lks. dist., marked T.6 N.R. 38 E.S. 24 B.T.
	.78.45	Ridge, bears E. and W.; desc. 60 ft. over N. slope.
	80.19	Point for the closing cor. of secs. 19 and 30, determined as hereinafter set forth.
		Land, mountainous. Soil, sandy loam, rocky; 3rd rate.ared fierd of 81 Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, alder, vinemaple, willow, salal, Oregon grape, cherry, mountain mahogany, fern, rose, buck brush and mountain laurel.
90	t di .en o eserd	N.4°15'W., resurveying the .W. bdy. of sec. 19.
		Desc. 170 ft. over NW. slope, through timber and brush.
		Ravine, course W.; asc. 550 ft. over SW. slope.
	-	Spur, slopes W.; desc. 150 ft. over NW. slope.
*	. 36.49	Proportionate point,
		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. of sec. 24 only, with brass cap marked
		.eqofa .Warrevodicos od ennidaco
		40.09 Mid point on the W. bdy: of sec. 30, later dete
	.got ot	enote to baron s at bas . Moor bifor of barons assAdfir, wllyins. Odiamor bears. S. 688W., 12 lks. dist., marked 4 S 24 B T.
		A fir, 10 ins. diam., bears N.67°W., 17 lks. dist., marked & S 24 B T.
		Continue to desc. 10 ft. over N. slope.
	37.45	Ravine, course W.; asc. 55 ft. over SW. slope.

	Resurvey of the West Boundary of T. 6 N., R. 39 E.	
	Mid point on the W. bdy. of sec. 19, later determined.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. of sec. 19 only, with brass cap marked.	
	agols .W revo .Th Ges .paob of emitmed 1932	
to .TOO	grizofo end morf grindron ni .ano 00.04 driog from which .acos .ac	
	A pine, 40 ins. diam., bears N.65°E., 450 1ks. dist., marked & S 19 B T. diag not have a few pages and the state of the st	
	A fir, 15 ins. diam., bears S.36°E., 169 lks. dist., marked \(\frac{1}{4} \) S 19 B T.	
	Continue to asc. 195 ft. over SW. slope.	
56.00	Ridge, bears N.50°W., and S.50°E.; desc. 640 ft. over broken NE. slope.	
	Proportionate point, .T & BI & & bearsm	
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of secs. 13 and 24 only, with brass cap marked	
*	marked Left yeve coned; .W same Si3 R39E R39E	
	ta vashared netwridesW bas24 pero edt resaretal 88.34 . ros maisofs edt R38E S19og etsneitreg	
	do maid and tron post, 5 ft. long, 8 ins. diam., 27 th. long or of fps. 6 H. Re	
	A fir, 9 ins. diam., bears S.60°W., 21.1ks. dist., marked T 6 N R 38 E S 24 B T.	
	A fir, 6 ins. diam., bears N.74°W., 19 1ks. dist., marked T 6 N R 38 E S 13 B T.	
	Continue to desc. 100 ft. over NE. slope.	
	Point for the closing cor. of secs. 18 and 19, determined as hereinafter set forth.	
	Land, mountainous. 3rd rate.	
* * * * * * * * * * * * * * * * * * * *	Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, salal, vinemaple, willow, alder.	
	mountain mahogany, mountain laurel, mountain ash, rose, syringa and fern.	4
	Reshington boundary, beers M. 80°49'W., 60.88	
	N.4°15'W., on the W. bdy. of sec. 18.	
	Desc. 350 ft. over broken NE. slope, through timber and dense brush.	
	Spur, slopes NE.; continue to desc. 30 ft. over N. slope.	
	Proportionate point,	
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for \$\frac{1}{4}\$ sec. cor. of sec. 13 only, with brass cap marked	
	1, 2, 35, and 36, on the S. bdy. of the Tp., I before described. Its #	
	.08 bas deleges .dedW'10°0.W	

n	00 .A	Resurvey of the West Boundary of T. 6 N., R. 39 E.
	hains	from which etab reds to . vbd bdy . or sec. 19, leber dete
	i .an	A fir, 18 ins. diam., bears S.60°W., 117 lks. dist., VS., marked 5 130BIT. 12 0, Jacq north na ded, VIno el. 100 100 100 700 , bondors end
		A fir, 20 ins. diam., bears N.82°W., 126 1ks. dist., marked 4 S 13 B T.
		Continue to desc. 250 ft. over N. slope.
		A point 40.00 chs. in northing from the closing cor. of secs. 18 and 19, later determined.
		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. of sec. 18 only, with brass cap marked 3.2 area
		Continue to asc. 195 it. over SW. slope.
	ove.	do one in the content of the stage of the st
		A fir, 10 ins. diam., bears N.36°E., 15 lks. dist., marked 4 S 18 B T., dated administrated 84.67
Mi Od	• and	A fir, 14 ins. diam., bears S. 45°E., 27 lks. dist., marked & S. 18 B.T. biles of boutons and
	8881	Continue to desc. 245 ft. over N. slope.
4	15.10	Creek, 6 lks. wide, course W.; thence over flat.
4	16.32	Intersect the Oregon and Washington boundary at the proportionate point for the closing cor.
	dw mo-	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in
* *	taip	the ground, for closing cor. of Tps. 6 N., Rs. 38 and 39 and E., with brass cap marked and a final and a second se
*	Jaib	Afir, 6 ins. E18 818 bears M. 74°W., 19 lks. T. 6 38ER 838E R39E & T. 5 aria B. T.
		Continue to deep. 1000 5t. over NE. slope.
	nedeb	do in description the closing cor. of secs. 18 and 19, as hereinafter set forth.
		A fir, 9 ins. diam., bears S.32°E., 11 1ks. dist., marked T 6 N R 39 E S 13 C C B T. basi
	· TOL.	A fir, 10 institution, bears S.63 W., 33 1ks. dist., iw . s marked T.68 No R 38 E S 18 C C, B T. 1819 DOLUMENT . Letter niethnom . The gods niethnom
		Washington boundary, bears N.89.49 W., 60.88 chs. dist., previously described.
	1.9001	Land, mountainous. Soil, sandy loam, rocky; 3rd rate.
		Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, salal, willow, vinemaple, rose, mountain laurel, mountain mahogany, alder and Oregon
	#	grape.
OLI II	i and	OS Subdivision of T. 6 N., R. 39 E.
		I commence the subdivisional survey at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., hereinbefore described.
		N.0°01'W., bet. secs. 35 and 36.

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		.A 98 Subdivision of Toldini, OR. 39 E.
	Chains	. Sall Somarked Los 2 and a rit A sall a las a depicted and a last a last a depicted and a last a
		Continue to asc. 25 ft. over SE. slope.
	42.00	Ridge, bears N. and S.; desc. 520 ft. over NW. slope.
And the state of t	59.80	Ravine, course N.; asc. 250 ft. over NE. slope.
The control of the co	67.65	Spur, slopes N.30°W.; desc. 420 ft. over broken NW. slope.
	80.14	The cor. of secs. 29, 30, 31, and 32eqois .N revo .dr ove .each ; N seqois , rugs of. 00
		Land, mountainous. Soil, sandy loam, rocky; 3rd rate.
	revo .jt	Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, alder, salal, vinemaple, rose,
And the state of t		Oregon grape, mountain laurel, mountain ash and buck sprushed and S. and
		the ground, for cor, of sees, 29, 30, 31, and brass can marked
		West, on a true line bet. secs. 30 and 31.
S. Comments of the Comments of		Desc. 85 ft. over NW. slope, through timber and brush.
	2.250	Ravine, course NW.; asc. 140 ft. over NE. slope.
	13.75.	Ridge spur, slopes NW.; desc. 5250ft. rover W. slope.
And the second s	14.26	Dim trail, bears NW. and SE. All 88 and 88 and 88 and 88 and A
A STATE OF THE STA	30.00	Ravine, course NW.; asc. 30 ft. over NE. slope.
	. 30.43 *	Intersect the W. bdy. of the Tp. SI SI BOXTEM
		Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked
		T6N T6Nonistanom, basi
		Soil, sandy los 052 coly; Srd rate. Timber, fir, 99152 epines and tamarack. Undergrowth, sacra 1888 RX eberry, mountain laure
2		bas eact, equiponero , elles, oregon grape, rose and
		CA fir 220 ince diam orbication strong from which
		marked T 6 N R 39 E S 30 C C B T.
		A fir, 40 ins. diam., bears S.65% E. 37 lks. dist.
		Trom thic maint the case of and SE was as a second of the
		From this point the cor. of secs. 25 and 36 only, T. 6 N., R. 38 E., previously described, bears S.4°15'E., 29 1ks.
The Armstran Profession of		M.89°58'W., on a true line bet, sees. 29 and 52
		Land, mountainous. danit dayound square. Soil, sandy loam, rocky; 3rd rate.
	· P operio	Timber, fir, pine, spruce, tamarack and yew. Undergrowth, huckleberry, alder, salal, rose, Oregon grape,
		buck brush, mountain laurel and vinemaple.
		Thence from the cor. of secs. 29, 30, 31, and 32.
	dt mi .an	N.O.05.W. sets. secs. 29 and 30. rol boung
		Along rolling W. slope, through timber and brush.
	do inw mc	Asc. 50 ft. over SW. slope.
	, . 113.045 8	Small spur, slopes NW.; desc. 460 ft. over N. slope.
	27.10	Ravine, course W.; asc. 440 ft. over SW. slope.

6-8155

	Subdivision of T. 6 N., R. 39 E.
Chains 40.00	Set an iron post, 3 ft. long, lin. diam., 27 ins. in the
	ground, for a sec. cor., with brass cap marked
	13.65 Round topped spur, slopes MW.; desc. 415 ft. ov 810pe. escope.
Mexord Te	Read Oresk, Blike, wide, SEPlee NW.: 880. 410 ft. ov and the month with slope.
	A fir, 16 ins. diam., bears \$.86°E., 74 lks. dist., marked & S 29 B T.
	A fir, 10 ins. diam., bears N.9°W., 65 lks. dist.,
	t 73 .marked 2 S 30 BiT. th S taog nort ne tes 80.04 m qse sast fitt to cor. with brase cap m
	Continue to asc. 25 ft. over SW. slope.
41.00	Spur, slopes W.; desc. 400 ft. over NW. slope.
56.00	Dry creek bed, 3 lks. wide, course W.; asc. 570 ft. over S. slope.
. 160.00	Leave timber and brush, bears E. and W.
70.00	Spur, slopes W.; desc. 295 ft. over NW. slope.
	Reenter timber and brush, bears E. and W.
79.50	Bottom of descent, bears E. and W.; thence along W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
• 900 f B	the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked
	ro . dr GV . ocob ; . M segol T6NR39E Baibauor [[sac Gs. 10 signs
	S19 S20 -eqcla S30 S29 Tola .W Snols soned; .W e79320 , anivat to bash 60.66
	.W revo .da 686 .eseb : .Www.siopes .ungs .esb.from which
	A fir, 10 ins. diam., bears N.11°E., 61 lks. dist.,
	marked T 6 N R 39 E S 20 B T.
	A fir, 40 ins. diam., bears S.73°E.; 9 lks. dist., marked T 6 N R 39 E S 29 B T.
egara moae virged eldm	A fir, 22 ins. diam., bears S.772 W., 82 Iks. dist., marked T 6 N R 39 E S 30 B T.
	A fir, 18 ins. diam., bears N.71 w., 47 lks. dist.,
	marked T 6 N R 39 E S 19 B T.
ons team	Land, mountainous: Soil, sandy loam, rocky; 3rd rate.
	Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, rose, vinemaple, alder, fern,
	Oregon grape, buck brush, mountain ash and salal.
	S.89°58'E., on a random line bet. secs. 20 and 29.
40:00	Set temp. Lasec. cor. cor. sain of the temp. Lasec. cor. sain of the temp. Lasec. cor.
	Intersect N. and S. line, 16 lks. N. of the cor. of secs.
	20, 21, 28, and 29.
	Thence DOUGE 1888
	N.89°51'W., on a true line bet. secs. 20 and 29.

d 670-h

	. Subdivision of T. 6 N. R. 39 E.
Chains	
	Desc. 2450ft. lover NW. slope, through timber and brush.
7.10	Ravine, course NW.; asc. 95 ft. over NE. slope.
13.65	Round topped spur, slopes NW.; desc. 415 ft. over NW. slope.
24.40 io in mo	Creek, 3 lks. wide, course NW.; asc. 410 ft. over broken NE. slope.
. 29.50.	Spring, branch, lilk. wide, course NE. 11
38.75	Spur, slopes N.; desc. 30 ft. over NW. slope.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked
	41.00 Spur, slopes W.; de 888 \$00 ft. over NW. slope.
	56.00 Dry creek bed, 8 1k\$ \$ 1k\$, course W.; sec. 570 holdw mort s. slope,
	A fir, 14 ins. in diam. bears N.48°W., 25 lks. dist., marked & S 20 B T.
	A fir, 12 ins. diam., bears S.25°E., 50 lks. dist., marked & S.29dB Tourd bus redult retues 00.07
• 90 of 8 • W 3	Continue to desc. 255 ft. over NW. slope of to 00.87
51.20	Spring, on line, drains NW. Jacq nort na Jes 00.08
55:45	Head of ravine, course N.; asc. 85 ft. over NE. slope.
61.25	Small rounding spur, slopes N.; desc. 75 ft. over NW. slope.
65.65	Head of ravine, course N.; thence along N. slope.
68.45	Ridge spur, slopes NW.; desc. 385 ft. over W. slope.
	The cor: of secs. 19, 20, 29, and 30:
	Land, mountainous. Soil, sandy loam, rocky: 3rd rate. Timber, fir, pine, spruce and tamarack.
	Undergrowth, huckleberry, alder, fern, rose, Oregon grape, vinemaple, salal, buck brush, nettles and thimble berry.
* * * * * * * * * * * * * * * * * * * *	West, on a true line bet. secs. 19 and 30.
	Desc. 325 ft. over broken NW. slope, through timber and brush.
23.80	Bottom of descent, bears N. and S., thence along N. slope.
27:00	Desc. 160 ft. over NW. slope. 'equate nosero
36.28	Intersect the Wedbdy of the Tp.no 2'86088.8
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap marked. Tén Ten Signature
	es bus os .aces .ted eniR38E-1R39EnoW'Icees. Es and 29
	1932

	Subdivision of T. 6 N., R. 39 E.
Chains	and all and and and and a from which
	A fir, 12 ins. diam., bears N.25°E., 53 lks. dist., marked T 6 N R 39 E S 19 C C B T.
* *	A fir, 10 ins. diam., bears S.12°E., 22 lks. dist., marked T 6 N R 39 E S 30 C C B T.
	From this point the cor. of secs. 24 and 25 only, of T. 6 N., R. 38 E., bears S.4°15'E., 250 lks. dist, previous ly described. Land, mountainous. Soil, sandy loam, rocky; 3rd rate. Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, alder, salal, rose, vinemaple, Oregon grape, buck brush, fern and syringa.
	Thence from the cor. of secs. 19, 20, 29, and 30.
* 3000 20	N.0°05 W., bet. secs. 19 and 20. a . To second 30.08
	Asc. 75 ft. over gradual SW. slope, through timber and brush.
5.90	Spur, slopes W.; desc. 15 ft. over NW. slope.
. 9.80	Bottom of descent, bears E. and W.; asc. 110 ft. over SW. slope.
18.60	Ridge spur, slopes NW.; desc. 240 ft. over NE. slope.
30.85	Large boulder, 20x20x20 ft. above ground, on line.;
	Set an iron post, 3 ft. long, Wl in diam . 27 ins. in the ground, for \$\frac{1}{4}\$ sec. cor., with brass cap marked at 0s . math . at 1 . good . th 8 . Jacq north as 108 81.04 to have a said him 100 . 300 \$\frac{1}{2}\$ billos of have a said at w 100 . 300 \$\frac{1}{2}\$ to be a said at w 100 . 300 \$\frac{1}{2}\$ to 2 . 300 \$\frac{1}{2}\$ to
	from which
	A fir, 10 ins. diam., bears S.20°E., 29 lks. dist., marked 4 S 20 B T.
	A fir, 14 ins. diam., bears N.30°W., 6 lks. dist., marked 4 S 19 B T.
* *	Continue to desc. 575 ft. over NE. slope.
	Confluence of dry creek beds, 15 lks. wide, from NE. and SE., course W.; asc. 350 ft. over SW. slope.
72.00	Spur, slopes W.; desc. 105 ft. over NW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap marked
	Undergrowth, huggern, asled, elder, vinemaple or bus sain sain laure 18 817 818 817 819 820 819 820
	. 91 bus 81 .ases .fed 1932 surf s no .fash from which
* O.S. W.	A fir, 6 ins. diam., bears N.53°E., 28 lks. dist., marked T 6 N R 39 E S 17 B T.

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	Subdivision of T. 6 N. R. 39 E.
Chains	
	A fir, 6 ins. diam., bears S.88°E., 14 lks. dist., marked T 6 N R 39 E S 20 B T.
· · · · · · · ·	A fir, 20 ins. diam., bears S. 179W., 100 lks. dist.
	marked T 6 N R 39 E S 19 B T.
* *	A fir, 14 ins. diam., bears N.80 W., 21 1ks. dist.,
* 10 to * V	marked T 6 N R 39 E S 18 B T. Ino GS bas AS . sees to . roo end dated state mora
1	Land, mountainous
	Soil, sandy loam, rocky; 3rd rate disease vi Timber, fir, pine, spruce and tamarack
	Undergrowth, huckleberry, salal, vinemaple, alder, fern, mountain laurel, mountain ash, syringa and Oregon grape.
*elgameni	Undergrowth, huckleberry, alder, salal, rose, v
	S.89°51'E., on a random line bet. secs. 17 and 20.
40.000	Setstemp. Asec. cor. 20 to . 100 ent mort soned
	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 16, 17, 20, and 21.
DILB TOO	Thence . Thence . Was faula awar to the dr. alope, through time
	NI QQQEAIW ON the transport of the company of the c
	N.89°54'W., on a true line bet. secs. 17 and 20.00.00
	Desc. 415 ft. over SW. slope, through timber and brush.
	Ravine, course S.; asc. 60 ft. over SE. slopeEM revo .ft 048 .each ; .WM segola .tuga eghin 00.81
18.40	Spur, slopes S.; desc. 465 ft. over SW. slope.
26.40	Top of bluff, 100 ft. high, bears N. and S., faces W.
39.00	Ravine, course SW.; asc. 10 ft. sover SE. slope. 00.04
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for 4 sec. cor., with brass cap marked
	1 S17
do inim mo	384 S20
	1932 BMI 98 . MeOS. 8 BISED . msib . ani Of . Tit A from which
	A fir, 6 ins. diam., bears N.5.W., 74 lks. dist., marked & S.17 B.T.
* *	A fir, 40 ins. diam., bears S.69°W., 111 lks. dist.,
	marked & S.20 B.T. drd .sasb of sunitino
	Continue to asc. 160 ft. over SE. slope.
	Spur, slopes SW.; desc. illo ft. over broken W. slope.
80.36	The cor. of secs. 17, 18, 19, and 20.
mi .eni	Land, mountainous. Soil, sandy loam, rocky; 3rd rate.
	Soil, sandy loam, rocky; 3rd rate. Timber, fir, pine, spruce and tamarack. Undergrowth, huckleberry, salal, alder, vinemaple, fern, mountain laurel, mountain ash, syringa and Oregon grape.
	West, on a true line bet. secs. 18 and 19.
	Desc. 230 ft. over NW. slope, through timber and brush.
	Dry creek bêd, 5 1ks. wide, course SW.

		Subdivision of T. 6 N., R. 39 E.	
	Chains 6.20	Asc. 170 ft. over SE. slope	
	11.00	Spur, slopes S.; desc. 375 ft. over SW. slope.	
	21.55	Creek, 7 lks. wide, course NW.; asc. 500 ft. over NE. slope.	
	40.00 .	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked	
	* * * * * * * * * * * * * * * * * * * *	eaf 34 .Wess. 8 areed	
		.sqois .Ws reve 1932 or .see of sunitano from which	
	* O()	A fir, 12 ins. diam., bears N.33°E., 9 1ks. dist., marked & S 18 B T.	
		A fir, 10 ins. diam., bears S.69 W., 29 lks. dist., bus y marked 4 S.19 B.T. solo rol busons and	
		Continue to asc. 25 ft. over NE. slope.	
	42.18	Intersect the W. bdy. of the Tp.	
		Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for closing cor. of secs. 18 and 19, with brass cap marked	
		The solves a grant of the state	
	* **	THE O DELE E RESE RESE DENTED	
		From this point the 47 mile 60 chain monument of the monument of the chain monument of t	
		A fir, 9 ins. diam., bears N.38°E., 31 1ks. dist., marked T 6 N R 39 E S 18 C C B T.	
		A fir, 10 ins. diam., bears S.72°E., 5 lks. dist., marked T 6 N R 39 E S 19 C C B T.	
		From this point the cor. of secs. 13 and 24, T. 6 N., R. 38 E., bears S.4°15'E., 456 lks. dist., previously described.	
		To complete the survey of sec. 17, I go to the Land, amountainous: 0 end no the O. suonistainous; on the O. suonistainous;	
		Soil, sandy loam, rocky; 3rd rate. Timber, fir, pine, spruce and tamarack.	
		Undergrowth, huckleberry, salal, vinemaple, mountain ash, mountain mahogany, mountain laurel, Oregon grape, fern, syringa and alder.	
94	tori en	Thence from the cor. of secs. 17, 18, 19, and 20.	
		N.0°05'W., bet. secs. 17 and 18.	
		Desc. 300 ft. over NW. slope, through timber and brush.	
		Creek, 1 lk. wide, course SW.; asc. 170 ft. over SE. slope.	
	. 14.00	Spring branch, 1 lk. wide, course SE.; continue to asc. 820 ft. over broken SW. slope.	
	40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked	

Subdivision of T. 6 N., R. 39 E.

Chains

To complete the survey of sec. 18, I go to the closing cor. of Tps. 6 N., Rs. 38 and 39 E., and run tevisi affall affor of the South Fork of the Affalla Miner

S.89°49'E., along the Oregon and Washington boundary Located in one of the most becautiful snots i

40.00 chs. in departure west of the closing cor. of secs. review end mindin andol8. Insured sind to tree aretsew edf

Set an iron post, 3 ft. long, lin. diam., 27 ins. in the ground, for 1 sec. cor. of sec. 18 only, with brass cap .marked of Landidosit sind to trad undisse ont

Tol. . The bols to sulev a sevia gidwanet edt to strag Ils. to equar a si eredl .noids#18018 oldengam maem edd anoitostata incos ni coi tevo

aired on bus ..dssN .silsN sflaW to whip end to beds

revo eggibser to redmun efdarebisace a le eleveva edf

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from which

A fir, 14 ins. diam., bears S. 37°E., 23 lks. dist. marked 1 S 18 B T.

A fir, 14 ins. diam., bears S. 59°W., 48 lks. dist. marked & S 18 B T.

FINAL TEST OF SOLAR ATTACHMENT.

Sept. 13, 1932: in camp located near the cor. of secs. 4, 5, 8, and 9, T. 5 N., R. 39 E., in latitude 45°56'N., longitude 117°57'30"W., at 7h 0m a.m., app. t., I set off 45°56'N., on the lat. arc; 3°47'N., on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 4h 0m p. m., app. t., I set off 45°56'N., on the lat. arc; 3°37'N., on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

GENERAL DESCRIPTION.

Fractional township 6 north, range 39 east, is located entirely within the Umatilla National Forest. The general elevation of the township is about 5000 ft. above sea level; the summit of the main divide or along the Skyline Road is about 1,000 ft. higher. The elevation of the Round Butte Trail and of Paradise Ridge is about the same as along the Skyline Road. The northwest cor. of the township is set at an elevation of about 3,000 ft. above sea level and is the lowest elevation in the township. Most of this township is very rough and stony. The soil is of a sandy loam composition and in most parts is very rocky. The timber in most parts of this township is of a second growth veriety. Very few trees are found with a diameter of over 3 feet. In some places the trees even have a stunted look and it is doubtful if they will ever grow very large. This timber is all too far from market to have any commercial value at this time.

This township has no large streems but is well watered by many small streams in all parts. This township is located so near the highest part of the mountains that it drains in every direction.

The most important developement at the present time is the Skyline Road, extending NE. and SW., through the central part of this township. A new road is under construction that turns off the Skyline Road in sec. 28. loops through sec. 29, 32, and 31, and will eventually join a road in Mill Creek leading to Walla Walla, Wash. There are also several good trails; Round Butte Trail in the northesstern part, Paradise Ridge Trail, in the north* Township 6 North, Range 39 East.

central part, and a trail leading to the Price Guard Station in sec. 32.8 This Guard Station is located on the headwaters of the South Fork of the Walla Walla River in the southern part of sec. 32. Price Guarde Station is located in one of the most beautiful spots in the ses to . Blue Mountain Range . ew end rageb ni . and 00.01 or . c

The western part of this township comes within the water shed of the city of Walla Walla, Wash., and no one is allowed to enter without a permit. Several thousand head of sheep are grazed annually during the summer months in the eastern part of this fractional township.

The average of a considerable number of readings over all parts of the township gives a value of 21°45'E. for the mean magnetic declination. There is a range of over 10° in local attraction.

SERF

from which

A fir, le ins. diem., beers S. SreH., 25 lks. diet., *I A BI B - bearem

Afir, 14 ins. dism., bears 5.59°W., 48 lks. dist., MERKED TO BE E T.

FILMAL THEIR OF BOLLAR ATTACHMENT

some to roo end teen bedepol queo ni :SEQI .El .tge? A. B. ende, T. b. N., H. 39 H., in letitude 45°56'N. longified 117°57'50'W., at The Om a.m., app. t., I ast off Ame : ors . Loob edd no . W'raes ; ors . tsf edd no . W'acea Porient the instrument with the solar; the line of signi--Tosdo Birsfol vd bedalldatae naibirem ent dithw seerns . MOIJST

ent no .. Il est the dest. .. ags .. m . and no de da last, are; 3°37'H., on the decl. are; and repeat the test of the solar; the line of sight sarees with the meridien . Moldavresdo elralos vo bedellosteo;

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4-680 (August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY. ,
	1st Chainman.
Richard Ganong	2nd Chainman.
Earl Gould	Cornerman.
Harold Gould	Axeman.
Norman Prendergast	Axeman.
Willis Powers	Axeman.
Glenn H. Johnson	2nd Chainman.
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CERTIFICATE OF UNITED STATES SURVEYOR.

I, Otis O. Gould U. S. Transitman U. S. Transitman J. Surveyer, hereby certify upon honor that, in pursuance
of special instructions received from the District Cadastral Engineer forOregon.
bearing date of the 11th day of April , 1929, I have well, faithfully, and truly
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States, surveyed all those parts or portions of the retracement
and dependent resurvey of part of the Oregon and Washington
boundary, the independent resurvey of the south boundary, the
dependent resurvey of the west boundary and the subdivisional
lines of township 6 north, range 39 east.
of the
Willamette Meridian, in the State of Oregon, which are represented in
the foregoing field notes as having been executed by me, and under my direction; and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
tions, and the special written instructions of the District Cadastral Engineer forOregon
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.
Portland, Ore. Mar. 15, 1933.
APPROVAL.
Office of U. S. Supervisor of Surveys,
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U. S. Supervisor of Surveys.