



FIELD NOTES

of

RESURVEY OF THE EAST, SOUTH, WEST AND

WESTERN THREE MILES OF NORTH BOUNDARY

of the

DIMINISHED UMATILLA INDIAN RESERVATION

Of the _____ Meridian,

In the State of _____ Oregon

EXECUTED BY

L. E. Wilkes

In the capacity of U. S. Surveyor____, under Special Instructions dated _____ Feb. 20____, 1917, issued by the United States Surveyor General to govern surveys included in Group No. _____ 29_____, which were approved by the Commissioner of the General Land Office, _____ Apr. 11____, 1917, and Assignment Instructions dated _____ May 3____, 1917

Survey commenced _____ May 14____, 1917

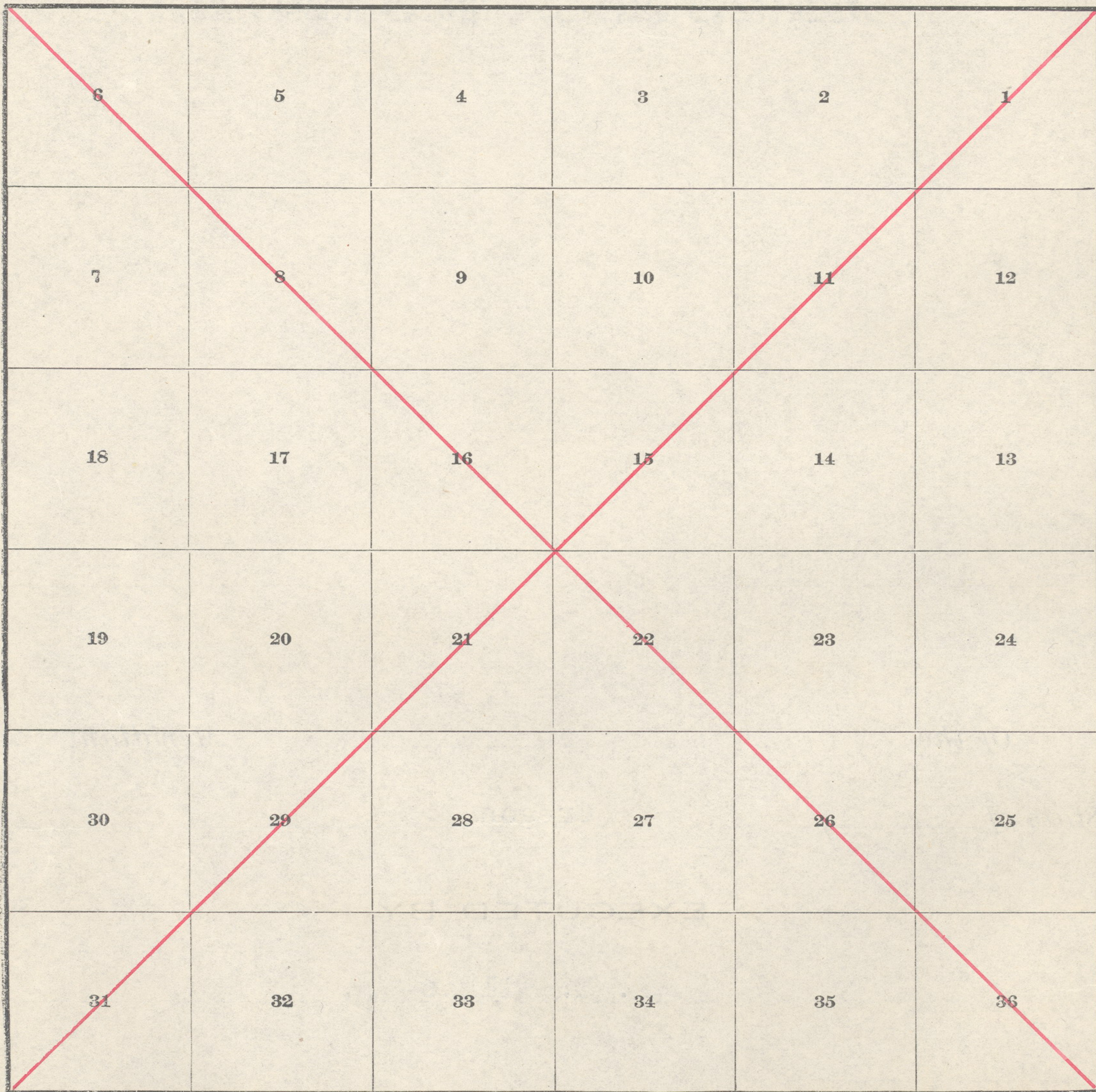
Survey completed _____ November 22____, 1917

ACCEPTED BY THE HON. COMMISSIONER G. L. O. May 10, 1919

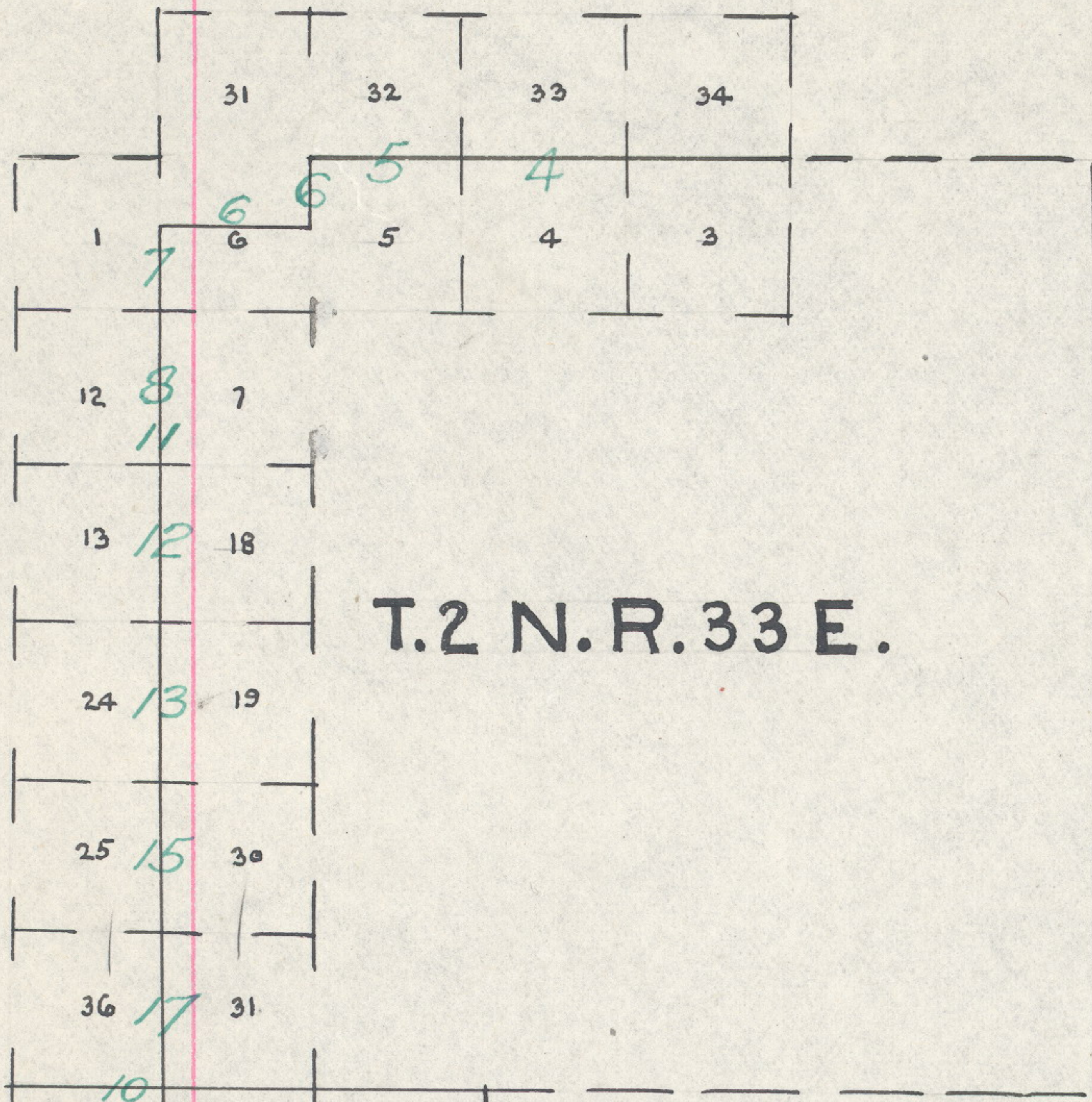
FIELD NOTES

INDEX DIAGRAM.

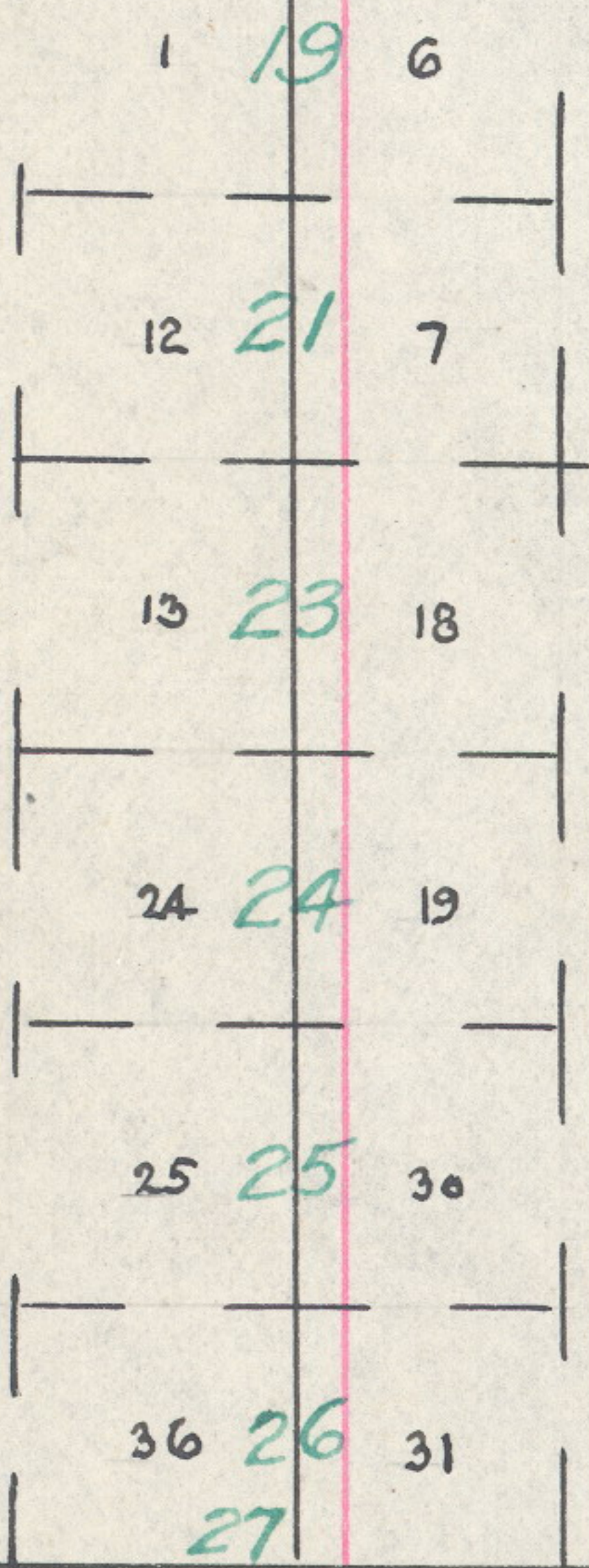
Township -----, Range -----



INDEX DIAGRAM



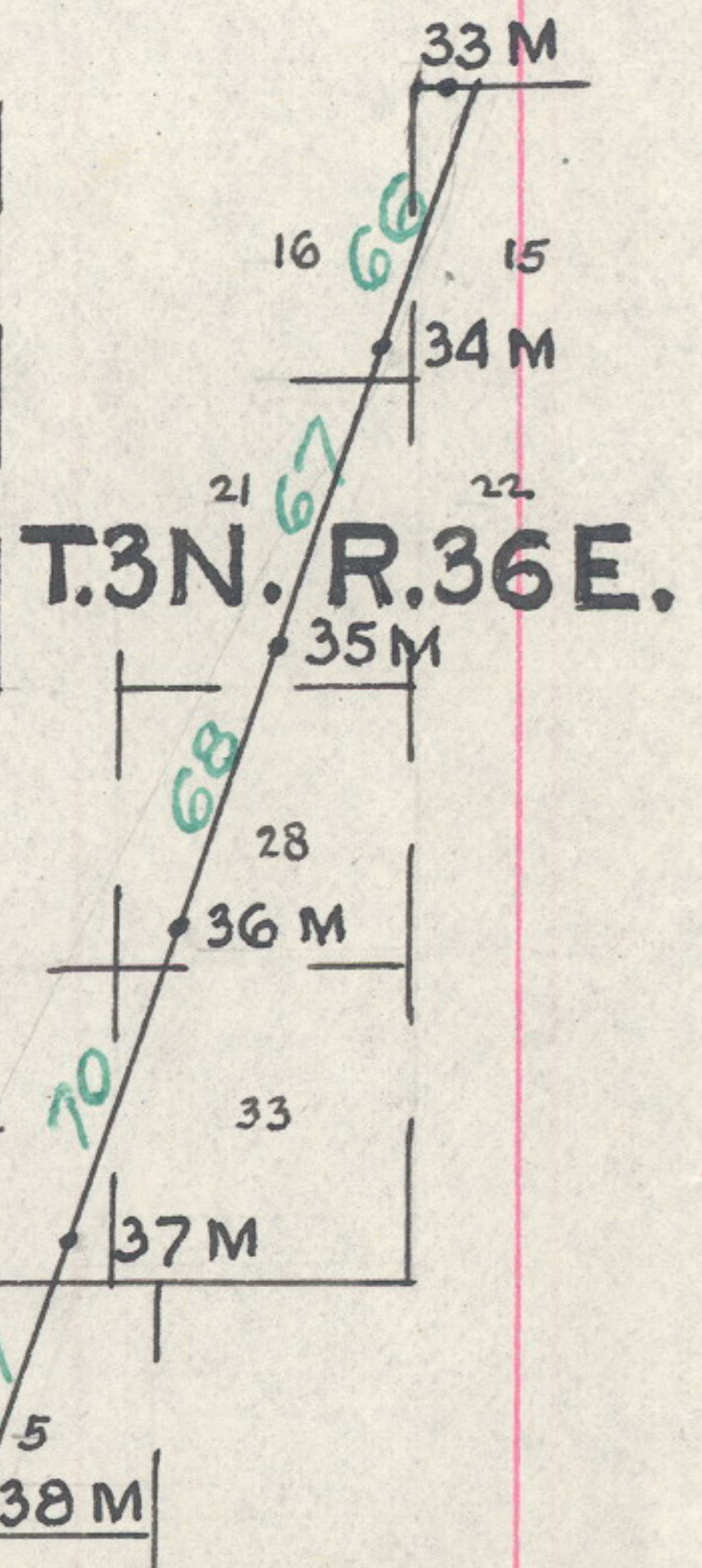
T.2 N. R. 33 E.



T.1 N. R. 33 E.

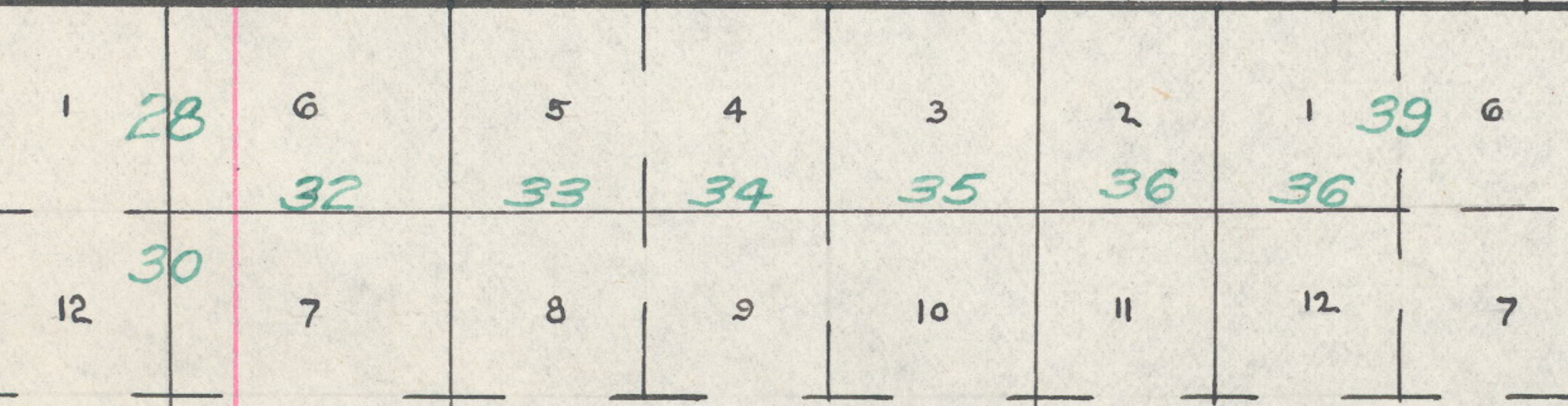


T.1 N. R. 34 E.

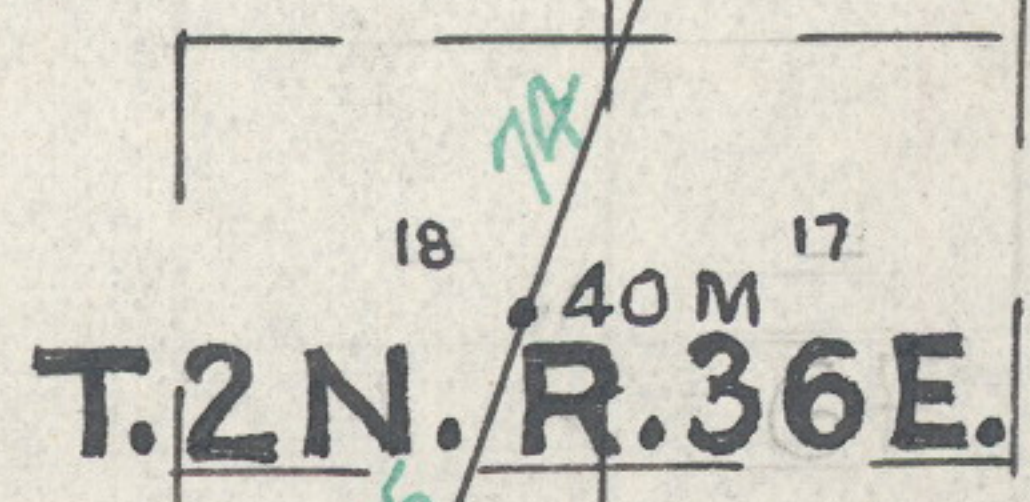


T.3 N. R. 36 E.

BASE LINE

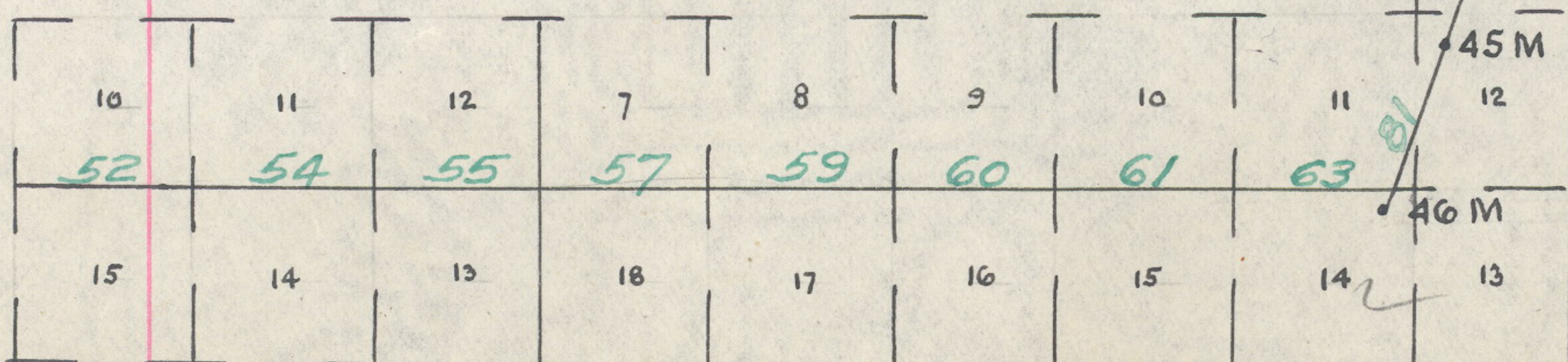


T.1 S. R. 33 E.



T.2 N. R. 36 E.

T. 1 N.
R. 34 E. R. 35 E.

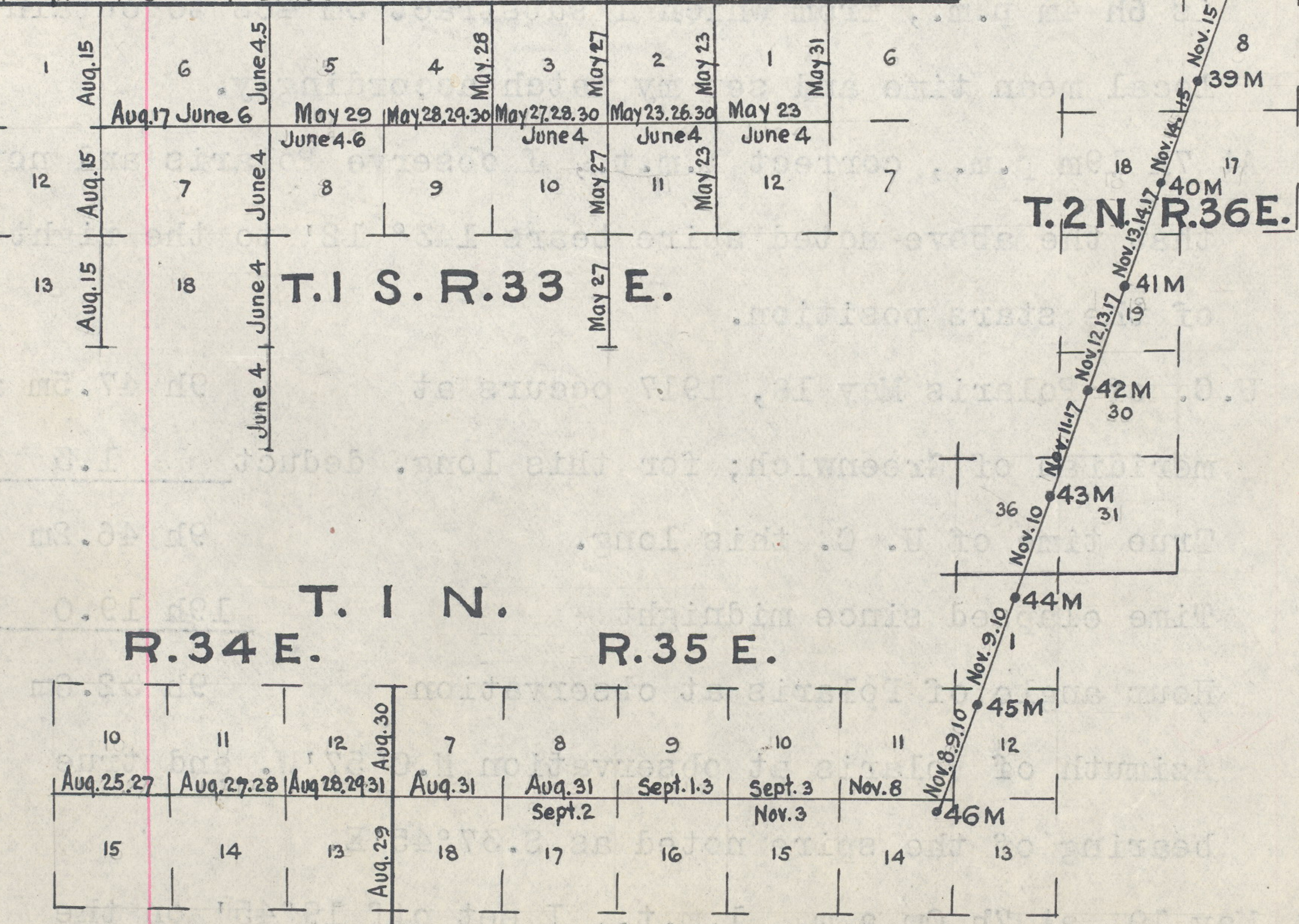
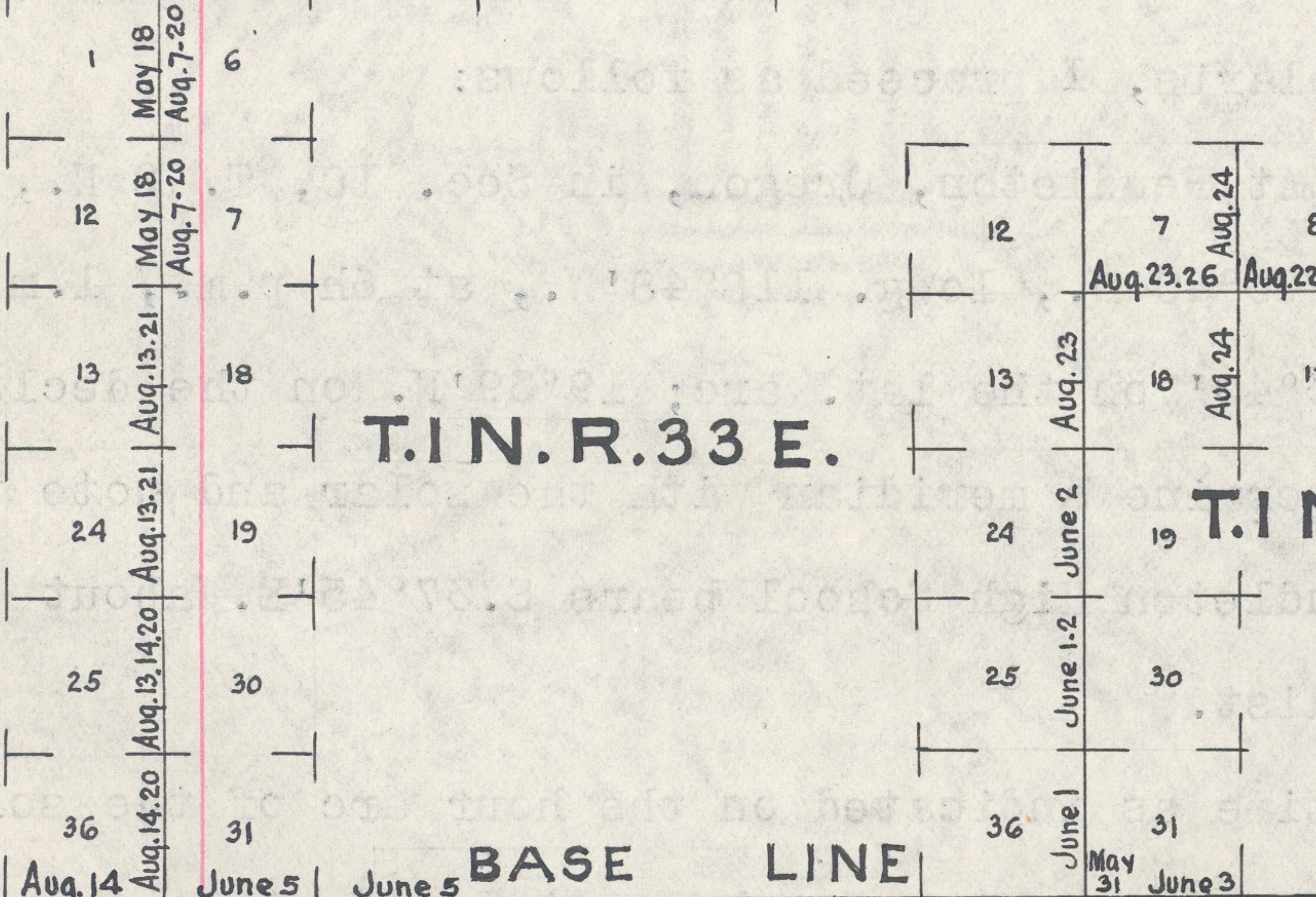
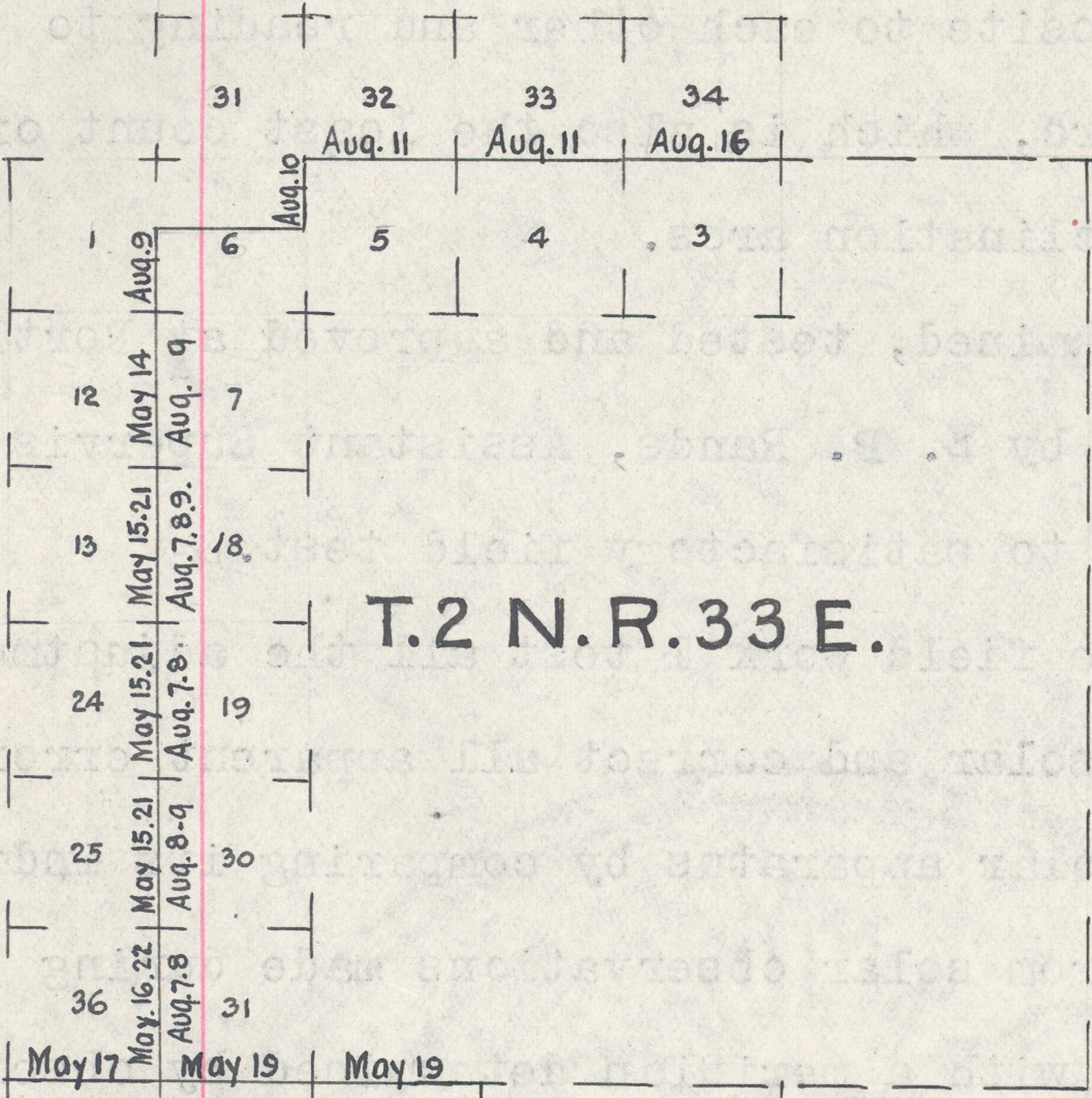


Compd 813
651 UAC

Boundaries of Diminished Umatilla Indian Reservation

DATE, DIAGRAM

Resurveys for the Year 1917



Resurvey West Bdy. Diminished Umatilla Indian Reservation
West Bdy. of T. 2 N., R. 33 E.

Chains

34.57 Fence, bears N.80°W. and S.80°E.

Leave right-of-way; enter grain field; thence along E. side of fence.

40.10 Apportioned distance

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for 1/4 cor. of sec. 7 only, with brass cap marked

T2N
R32E | R33E
1/4S7
1917

Ascend 50 ft. to

44.03 The 1/4 cor. on E. bdy. of sec. 12, T. 2 N., R. 32 E., which is a basalt stone, 10x5x4 ins., 10 ins. in the ground; marked 1/4 on W. and D R on E. face, from which fences extend N., S. and W.

At a point 1/2 lk. S. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground; for witness cor. to the 1/4 sec. cor. of sec. 12, T. 2 N., R. 32 E. only, with brass cap marked

T2N
R32E | R33E
1/4S12
1917

Land, level and rolling.

Soil, fine sandy loam with rocky subsoil, 1st rate.

Timber, alder and cottonwood.

Undergrowth, willow and cottonwood.

From the 1/4 cor. of sec. 12

South, retracing the range line bet. Tps. 2 N., Rs. 32 and 33 E.; at 40.00 chs. no trace of the cor. of secs. 12 and 13, set temp. cor., and at 79.97 chs. fall 9 lks. E. of the 1/4 cor. on E. bdy. of sec. 13, which is a basalt stone, 12x8x4 ins., 18 ins. in the ground, marked 1/4 on W. face.

From this 1/4 sec. cor.

South, retracing the range line bet. Tps. 1 and 2 N., Rs. 32 and 33 E., making careful, exhaustive and systematic search for old cors. and setting temp. cors. at intervals of 40.00 chs., and at 316.835 chs. fall 20 lks. E. of the 1/4 cor. on W. bdy. of sec. 6, T. 1 N., R. 33 E., and at 320.00 chs. fall 25 lks. E. of the 1/4 cor. of sec. 1, T. 1 N., R. 32 E., which is a basalt stone, 15x12x8 ins., 18 ins. in the ground, marked 1/4 on W. face.

670

Resurvey West Bdy. Diminished Umatilla Indian Reservation
West Bdy. of T. 2 N., R. 33 E.

Chains

From the $\frac{1}{4}$ cor. bet. secs. 1 and 36, Tps. 1 and 2 N., R. 32 E., which is a basalt stone, below surface of the ground in road, marked and witnessed as described by the surveyor general.

East, on a blank line, for distance only; at 39.85 chs. intersect N. and S. line at the temp. cor. of Tps. 1 and 2 N., Rs. 32 and 33 E.; at 117.00 chs. a basalt stone was found lying on the surface of the ground at one side of line, marked with 5 notches on one edge, clockwise from this 6 notches then one notch; at 157.64 chs. fall 20 lks. S. of the $\frac{1}{4}$ cor. on S. bdy. of sec. 32, T. 2 N., R. 33 E., which is a basalt stone, 14x12x10 ins., 14 ins. in the ground, not marked, on S. side of which is a decayed post; and at 197.96 chs. I find the cor. of secs. 32 and 33 on S. bdy. of T. 2 N., R. 33 E., which is a basalt stone, 12x8x6 ins., 14 ins. in the ground, marked with 4 notches on E. and 1 notch on W. edges, at center of cross roads; against the N. side of this cor. I set an iron mold board, 16x12x $\frac{1}{2}$ ins., 16 ins. in the ground, and place four stones, each about 12x9x8 ins., around the cor. below the surface of the ground.

Note:

The field notes of the West bdy. of reservation by Currin and Noland give the aggregate distance from the $\frac{1}{4}$ cor. of sec. 13, T. 2 N., R. 32 E. to the $\frac{1}{4}$ cor. of sec. 1, T. 1 N., R. 32 E. as 315.37 chs. I find the distance to be 320.00 chs.

I also note that a lane at the cor. of Tps. 1 and 2 N., Rs. 32 and 33 E. and several fences, apparently following property lines, all indicate that the original cors. were accurately placed at intervals of 40.00 chs.

To place the cors. at distances proportional to those reported by Currin and Noland would not agree with existing evidences and be far at variance with the original conditions. These facts were placed before the office of the Surveyor General for Oregon, which office, by letter of May 22, 1917, instructed me:

"To ignore both sets of notes and place such corners equidistant, as this method of procedure will agree with practically all property lines as they exist upon the ground, which should not be disturbed."

therefore, I restore cors. for R. 32 E. at distances proportional to the original Moody survey; the cors. for R. 33 E., established by Currin and Noland, are then proportioned between the reestablished Moody cors.

I return to the $\frac{1}{4}$ cor. bet. secs. 1 and 36, Tps. 1 and 2 N., R. 32 E. and run

East, on a true line, bet. secs. 1 and 36.

Over rolling land, in road.

40.18 Apportioned distance

Set an iron post, 3 ft. long, 2 ins. diam., 32 ins. in the ground; for cor. of Tps. 1 and 2 N., Rs. 32 and 33 E., with brass cap marked

T2N
R32E | R33E
S36 | S31

S1 | S6
T1N
1917

678

Resurvey West Bdy. Diminished Umatilla Indian Reservation
West Bdy. of T. 2 N., R. 33 E.

Chains

From the true cor. point East side of present road bears East, 55 lks. dist.; West side bears West, 23 lks. dist. A fence extending W. from the road intersects 3 lks. N. of this cor.

48.10 Brook, 3 lks. wide, course W.

60.03 Point for 1/16 sec. cor. falls in road.

At a point 45 1/2 lks. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 1/16 sec. cor., with brass cap marked

T2N
R32E | R33E
WC | 1/16
S31
1917

80.00 The cor. of Tps. 1 and 2 N., Rs. 32 and 33 E., heretofore described.

Land, rolling.

Soil, light loam, 1st rate.

No timber or undergrowth, land cultivated on both sides.

East Bdy. of T. 1 N., R. 32 E.

From the 1/4 cor. on E. bdy. of Sec. 1, T. 1 N., R. 32 E., South retracing the E. bdy. of sec. 1; at 16.85 chs. find no trace of the 1/16 cor., set temp. cor.; at 36.97 chs. fall 18 lks. E. of the closing cor. of secs. 6 and 7, T. 1 N., R. 33 E., and at 40.00 chs. find no trace of the cor. of secs. 1 and 12, set temp. cor.

From the temp. cor. of secs. 1 and 12 South retracing the E. bdy. of sec. 12; at 40.00 chs. no trace of the 1/4 sec. cor.; at 77.78 chs. fall 41 lks. E. of the closing cor. of secs. 7 and 18, T. 1 N., R. 33 E., and at 79.94 chs. fall 41 lks. E. of the cor. of secs. 12 and 13.

South retracing the E. bdy. of sec. 13; at 39.82 chs. fall 1 lk. E. of the 1/4 sec. cor.

From the 1/4 cor. of sec. 13, South retracing the range line, making careful search for old cors.; at 38.48 chs. fall 1 lk. W. of the closing cor. of secs. 18 and 19, T. 1 N., R. 33 E.; at 219.18 chs. fall 4 lks. W. of N 1/16 cor. on W. bdy. of sec. 31, T. 1 N., R. 33 E., and at 280.14 chs. fall 16 lks. W. of the standard cor. of Tps. 1 N., Rs. 32 and 33 E.

From the standard cor. of Tps. 1 N., Rs. 32 and 33 E. East retracing the base line, making careful search for

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

old cors., and at 159.39 chs. intersect the standard cor. of secs. 32 and 33, which is a basalt stone, 18x10x7 ins., loosely set, marked with 4 notches on E. and 2 notches on W. face, with S C on top.
I reset this stone, 14 ins. in the ground, for standard cor. of secs. 32 and 33; from which
A basalt stone, 6x3x1½ ft. above ground, bears N.73° 37'W., 90 lks. dist., marked X S C 32 B O.
Raise a mound of stone, 5 ft. base, 2½ ft. high, N. of cor.

Returning to the standard cor. of Tps. 1 N., Rs. 32 and 33 E. West, retracing the S. bdy. of T. 1 N., R. 32 E.; at 18.70 chs. find no trace of the closing cor. of Tps. 1 S., Rs. 32 and 33 E.; at 40.00 chs. find no trace of the ¼ sec. cor., and at 79.80 chs. fall 4 lks. N. of the standard cor. of secs. 35 and 36, which is a basalt stone, 10x4x4 ins. above ground, firmly set, marked with 5 notches on E. and 1 notch on W. face; from which
A balm, 20 ins. diam., bears N.50°W., 61 lks. dist., marks partly overgrown, blazes not opened.
On face of a bluff bearing N.89°58'E., 110 lks. dist., 10 ft. above base I cut a vertical line and mark B O 36 to the north thereof.

I now resurvey the bdy., setting cors. for R. 32 E. at apportioned distances and cors. for R. 33 E. are proportioned between those cors. referring to R. 32 E.

From the cor. of Tps. 1 and 2 N., Rs. 32 and 33 E. S.0°49'W., resurveying E. bdy. of sec. 1.

Over rolling land, following road.

15.94 Point for 1/16 sec. cor. falls in road.

At a point 45½ lks. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 1/16 sec. cor., with brass cap marked

T1N
R32E | R33E
WC | 1/16
S6
1917

From cor. East side of present road bears East, 25 lks. dist.; west side bears West, 42 lks. dist.

36.66 Find supposed original ¼ sec. cor. on line, an old stake, 20x4x1½ ins., all below surface of the ground, marked R and other marks, which are illegible on E. face.

At a point 45½ lks. E. of post

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the ¼ cor. of sec. 6, with

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

brass cap marked.

T1N
R32E | R33E
WC | $\frac{1}{4}$
S6
1917

40.00 The $\frac{1}{4}$ cor. of sec. 1, previously described.

At a point $45\frac{1}{2}$ lks.W. of this cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 1, with brass cap marked.

$\frac{1}{4}$
S1 | WC
1917

Thence

S.0°17'W., continuing my measurements

56.96 Point for 1/16 cor. falls in road.

At a point $45\frac{1}{2}$ lks.E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 1/16 sec. cor., with brass cap marked

T1N
R32E | R33E
WC | 1/16
S6
1917

76.98 The closing cor. of secs. 6 and 7, which is a wash boulder, 10x7x5 ins., 12 ins. in the ground, marked C C on E. face, bears East, 1 lk. dist., at center of lane leading E.

$45\frac{1}{2}$ lks.E. of true cor. point and $44\frac{3}{4}$ lks.E. of stone

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. to the closing cor. of secs. 6 and 7, with brass cap marked

T1N
R32E | R33E
WC | S6 CC
S7
1917

79.98 Point for cor. of secs. 1 and 12 falls in road.

At a point $45\frac{1}{2}$ lks.W. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 1 and 12,

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

with brass cap marked

T1N
R32E R33E
S1 WC
S12
1917

Land, rolling.

Soil, light loam, 1st rate.

No timber or undergrowth; land under cultivation.

S.0°17'W., resurveying the E. bdy. of sec. 12.

Over rolling land in county road.

17.22 Point for 1/16 sec. cor. falls in road.

At a point 45½ lks. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 1/16 sec. cor., with brass cap marked

T1N
R32E R33E
WC 1/16
S7
1917

37.67 Point for ¼ sec. cor. of sec. 7 falls in road.

At a point 45½ lks. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the ¼ sec. cor., with brass cap marked

T1N
R32E R33E
WC ¼
S7
1917

39.85 A fence extends West from edge of lane opposite this point.

39.98 Point for ¼ cor. of sec. 12 falls in road.

At a point 45½ lks. W. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the ¼ sec. cor. of sec. 12, with brass cap marked

T1N
R32E R33E
¼ S12 WC
1917

57.68 Point for 1/16 sec. cor. falls in road.

682

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

At a point 45 1/2 lks. E. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for witness cor. to the 1/16 sec. cor., with
brass cap marked

T1N
R32E | R33E
WC | 1/16
S7
1917

East side of road bears East, 40 lks. dist.; west side
bears West, 37 lks. dist.

70.00 Fence and leave county road, bears NW. and SE.

77.36 Fence; reenter road, bears E. and S.

77.80 Intersect closing cor. of secs. 7 and 18, which is a basalt
stone, 14x9x5 ins., 14 ins. in the ground, marked C C on
E. face.

At a point 1 lk. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for witness cor. to the closing cor. of secs. 7
and 18, with brass cap marked

T1N
R32E | R33E
WC | S7 | CC
S18
1917

This cor. is in center of lane extending E. and S.

79.96 Intersect the cor. of secs. 12 and 13, identified by
original pits and old stake in approximate center of roads
extending N., S. and W. The original cor. stone, now
broken in two pieces, lies at the edge of the road.

At the exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for cor. of secs. 12 and 13, with brass cap marked

T1N
R32E | R33E
S12 |
S13 |
1917

Land, rolling.

Soil, light loam, 1st rate.

No timber or undergrowth, cutivated on both sides of line.

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

S.0°01'W., resurveying the E. bdy. of sec. 13.

Over heavily rolling land in center of road.

19.82 Descend SW. slope 50 ft. to

25.62 Dry gulch, course N.60°W.

37.87 Point for 1/4 cor. of sec. 18 falls in road.

At a point 45 1/2 lks.E.of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

T1N
R32E | R33E
WC | 1/4 S18
1917

39.82 Intersect the old 1/4 cor. of sec. 13, which is a basalt stone, 10x10x8 ins., not marked, loosely set in a low mound of earth, the original pits are still visible.

At a point 45 1/2 lks.W.of cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

T1N
R32E | R33E
1/4 WC
S13
1917

Thence

S.0°02'E., continuing my measurements

Over rolling land, along county road.

78.30 Intersect the closing cor. of secs. 18 and 19, which is a wash boulder, 11x9x5 ins., 11 ins. in the ground, marked with 3 notches on N. and S. and C C on E. face.

At a point 1 1/2 lks. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for witness cor. to the closing cor. of secs. 18 and 19, with brass cap marked

T1N
R32E | R33E
WC | S18 CC
S19
1917

This cor. is in center of lane extending E.

684

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

79.84 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 13 and 24, with brass cap marked

T1N
R32E | R33E
S13 |
S24 |

1917

Land, rolling.

Soil, light loam, 1st rate.

No timber or undergrowth; cultivated on both sides of line.

S.0°02'E., resurveying the E. bdy. of sec. 24.

Over rolling land, following county road.

38.26 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for $\frac{1}{4}$ cor. of sec. 19, with brass cap marked

T1N
R32E | R33E

$\frac{1}{4}$

S19

1917

East side of lane bears East, 43 lks. dist.; west side bears West, 40 lks. dist.

40.02 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for $\frac{1}{4}$ cor. of sec. 24, with brass cap marked

T1N
R32E | R33E

$\frac{1}{4}$ S24

1917

41.83 Middle of lane, 52 lks. wide, extending W.

55.45 Leave road, bears SE. and N.; descend 60 ft. to

59.70 Dry creek, 25 lks. wide; course W.; enter wheat field.

78.71 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap marked

T1N
R32E | R33E

S19

S30 CC

1917

N. and S. fence bears West, 17 lks. dist.

80.04 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 24 and 25, with brass cap

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

marked

T1N	
R32E	R33E
S24	
S25	

1917

N. and S. fence bears West, 17 lks. dist.

Land, rolling.

Soil, light loam, gravelly where steep, 1st and 2nd rate.

No timber or undergrowth, cultivated on both sides of line.

S.0°02'E., resurveying the E. bdy. of sec. 25.

Over rolling land, through wheat field.

18.78 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/16 sec. cor., with brass cap marked

T1N	
R32E	R33E
1/16	
S30	

1917

38.86½ Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for ¼ cor. of sec. 30 only, with brass cap marked

T1N	
R32E	R33E
¼	
S30	

1917

39.94 A fence, apparently intended to be on bdrs. of the adjacent holdings, extends E. and W.

40.02 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for ¼ cor. of sec. 25 only, with brass cap marked

T1N	
R32E	R33E
¼S25	

1917

58.85 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/16 sec. cor., with brass cap marked

T1N	
R32E	R33E
1/16	
S30	

1917

78.82 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, with Brass cap marked

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

T1N	
R32E	R33E
S30	
S31 CC	
1917	

N. and S. fence bears East, 8 lks. dist.

80.04 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25 and 36, with brass cap marked

T1N	
R32E	R33E
S25	
S36	
1917	

This cor. is at N. edge of road which extends E. and at approximate middle of same road, extending S.

Land, rolling.

Soil, light loam, 1st rate.

No timber or undergrowth, cultivated on both sides of line.

S.0°02'E., resurveying the E. bdy. of sec. 36.

Over rolling land, following lane.

19.08 A point 14 lks. E. of the original 1/16 sec. cor., which is a basalt stone, 7x6x5 ins., loosely set in a low mound of earth, marked 1/16 on top, witnessed by pits, 3 ft. N. and S. of cor., now nearly obliterated.

At the point of intersection with the 1/16 sec. line

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/16 sec. cor., with brass cap marked

T1N	
R32E	R33E
1/16	
S31	
1917	

The original 1/16 sec. cor. bears West, 14 lks. dist.

39.41 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/4 cor. of sec. 31 only, with brass cap marked

T1N	
R32E	R33E
1/4	
S31	
1917	

40.02 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/4 cor. of sec. 36 only, with brass cap marked

Resurvey West Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 32 E.

Chains

T1N
R32E | R33E
1/4
S36
1917

59.72 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 1/16 sec. cor., with brass cap marked

T1N
R32E | R33E
1/16
S31
1917

80.04 Intersect the standard cor. of Tps. 1 N., Rs. 32 and 33 E., identified by a stake in the center of road extending N. and on line with fence bearing E. and W. There are indications of pits, 3 ft. E. and W. of this point. Find no trace of the original cor. stone.

At the point for standard cor. of Tps. 1 N., Rs. 32 and 33 E., indicated by said stake and checked by retracements E. and W., heretofore given,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of Tps. 1 N., Rs. 32 and 33 E., with brass cap marked

SC
T1N
R32E | R33E
S36 | S31
T1S
1917

Land, rolling.
Soil, light loam, 1st rate.
No timber or undergrowth, cultivated on both sides of the line.

- South Bdy. of T. 1 N., R. 32 E.

From the standard cor. of Tps. 1 N., Rs. 32 and 33 E.
S. 89° 58' W., along S. bdy. of sec. 36.

Over rolling land.

18.65 Apportioned distance, point for closing cor. of Tps. 1 S., Rs. 32 and 33 E. falls on bed rock where it is impracticable to set an iron post.

Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 S., R. 33 E.

Chains

stone in place, .6 ft. E. and W., 3 ft. N. and S., 2 ft. high, marks $1\frac{1}{2}$ ft. from W. end of the stone, with C C and other marks, which are illegible, S. of cross.

86.79 Intersect true S. bdy. of sec. 31, T. 1 N., R. 34 E., at a point 7.17 chs. N. $89^{\circ}57'W.$ from the standard $\frac{1}{4}$ cor. of sec. 31 and 36.07 chs. S. $89^{\circ}57'E.$ from the standard cor. of Tps. 1 N., Rs. 33 and 34 E.

At the point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. deep among rocks on steep E. slope, for closing cor. of secs. 1 and 6, with brass cap marked

T1N
R33E | R34E
S1 | S6
T1S
CC
1917

from which

A cross (x) on a basalt stone, a part of irregular bluff facing N., bears S. $19^{\circ}E.$, 25 lks. dist., with C C 6 B O marked beside the cross.

A cross (x) on a basalt stone in place, 1x1x1 ft. above ground, bears S. $54^{\circ}W.$, 11 lks. dist., with C C 1 B O marked beside the cross.

Land, mountainous.

Soil, shallow light loam over basalt, 2nd rate.

Timber, scattering yellow pines.

Undergrowth on N. slopes only, fir, serviceberry and nine-bark.

South Bdy. of T. 1 N., R. 34 E.

From the closing cor. of Tps. 1 S., Rs. 33 and 34 E.

N. $89^{\circ}57'W.$, resurveying the S. bdy. of sec. 31.

Over mountainous land along fence, on broken SE. slope.

Ascend 375 ft. to

36.07 Intersect the standard cor. of Tps. 1 N., Rs. 33 and 34 E.,

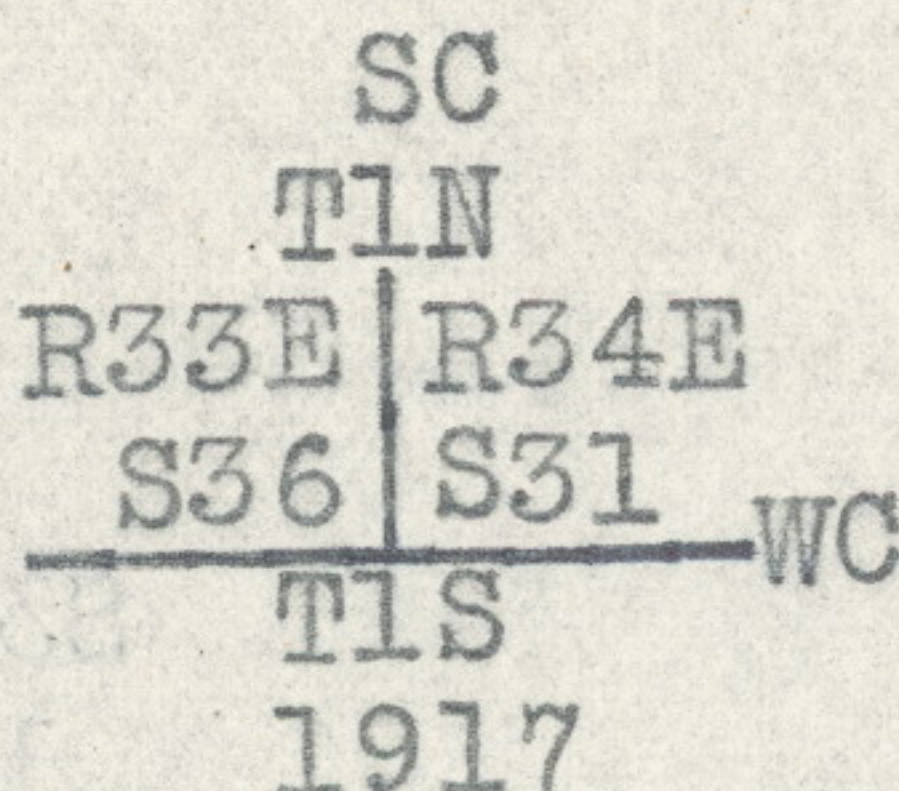
which is a basalt stone, 10x8x6 ins., loosely set in a

Resurvey East Bdy. Diminished Umatilla Indian Reservation
South Bdy. of T. 1 N., R. 34 E.

Chains

small mound of stone, marked X on top with 6 notches on N., E. and W. faces, with illegible marks on S. face.

At a point 1 lk. W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the standard cor. of Tps. 1 N., Rs. 33 and 34 E., with brass cap marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

This cor. is at the intersection of fences, extending N. and E.

Land, mountainous.
Soil, rocky with shallow covering of light loam, 2nd rate.
Timber, scattering pine.
Undergrowth, none.

East Bdy. of T. 1 N., R. 33 E.

From the standard cor. of Tps. 1 N., Rs. 33 and 34 E. North, retracing the line bet. secs. 31 and 36; at 39.80 chs. fall 41 lks. E. of the 1/4 sec. cor., and at 79.78 chs. fall 18 lks. E. of the cor. of secs. 25, 30, 31 and 36.

North, retracing the line bet. secs. 25 and 30; at 39.60 chs. fall 2 lks. E. of the 1/4 sec. cor. From the 1/4 sec. cor. North continuing my retracement; at 40.00 chs. no trace of the cor. of secs. 19, 24, 25 and 30, set temp. cor.

From the temp. cor. of secs. 19, 24, 25 and 30 North, retracing the line bet. secs. 19 and 24; at 40.00 chs. no trace of the 1/4 sec. cor., set temp. cor., and at 79.52 chs. fall 70 lks. W. of the cor. of secs. 13, 18, 19 and 24.

North, retracing the line bet. secs. 13 and 18; at 40.35 chs. fall 26 lks. E. of the 1/4 sec. cor., and at 80.45 chs. fall 21 lks. E. of the cor. of secs. 7, 12, 13 and 18.

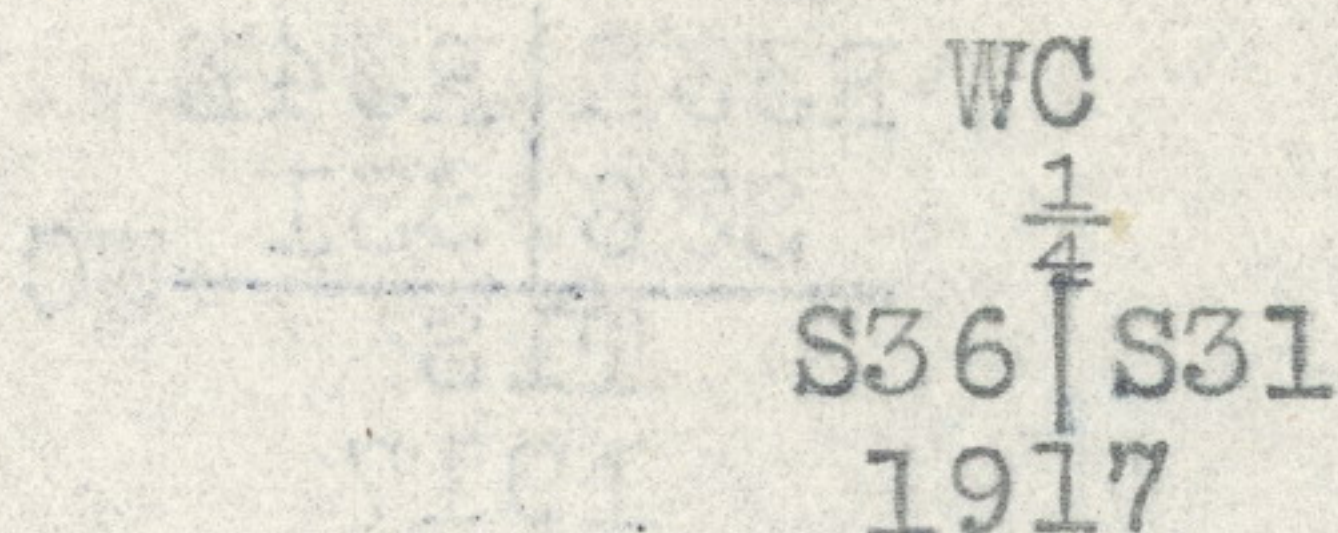
Returning to the standard cor. of Tps. 1 N., Rs. 33 and 34 E. N. 0° 35' W., resurveying the line bet. secs. 31 and 36.
Ascend 325 ft. over broken SE. and S. slopes.

Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 33 E.

Chains

39.80 Intersect the old $\frac{1}{4}$ sec. cor., which is a basalt stone,
8x6x4 ins. above ground, marked $\frac{1}{4}$ on S. face, and set in
a small mound of stone.

At a point 1 lk. S. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass
cap marked



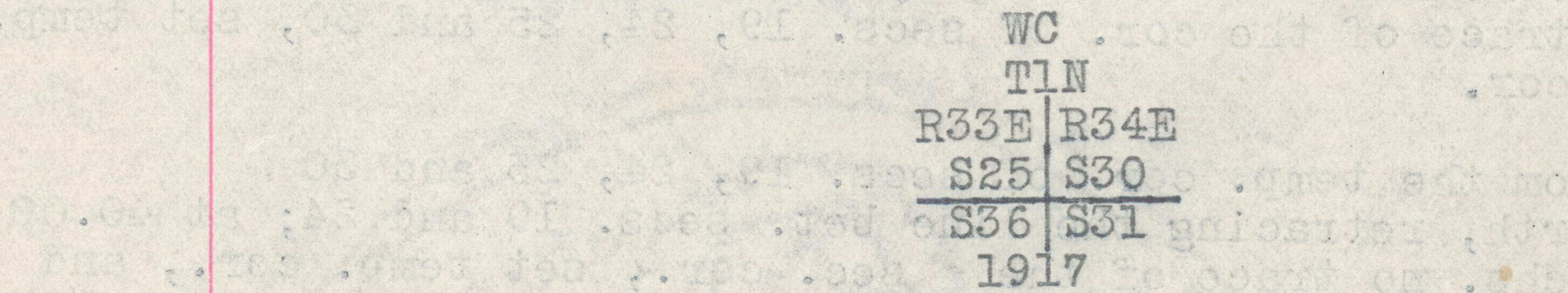
and raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.

Thence N.0°20'E., continuing my measurements
Continue ascent over SE. slope, 320 ft. to

71.20 Top of ridge, bears E. and W., general bearing of ridge
is nearly N. and S.; descend NW. slope 70 ft. to

79.78 Intersect the old cor. of secs. 25, 30, 31 and 36, which
is a basalt stone, 10x6x10 ins. above ground, firmly set,
marked with 5 notches on N. and 1 notch on S. edge, and
a cross (x) on top.

At a point 1 lk. S. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for witness cor. to the cor. of secs. 25, 30, 31
and 36, with brass cap marked.



From the cor.
A pine, 6 ins. diam., bears S.58°W., 149 lks. dist.,
marked T 1 N R 33 E S 36 B T.

A pine, 7 ins. diam., bears N.89°30'W., 237 lks. dist.,
marked T 1 N R 33 E S 25 B T.

No other trees available; raise a mound of stone, 2
ft. base, 1½ ft. high, W. of cor.

Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 33 E.

Chains

Land, mountainous.

Soil, light loam on basalt bedrock, 2nd rate.

No timber or undergrowth.

N.0°02'W., resurveying the line bet. secs. 25 and 30.

Over mountainous land, descending NW. slope 75 ft. to

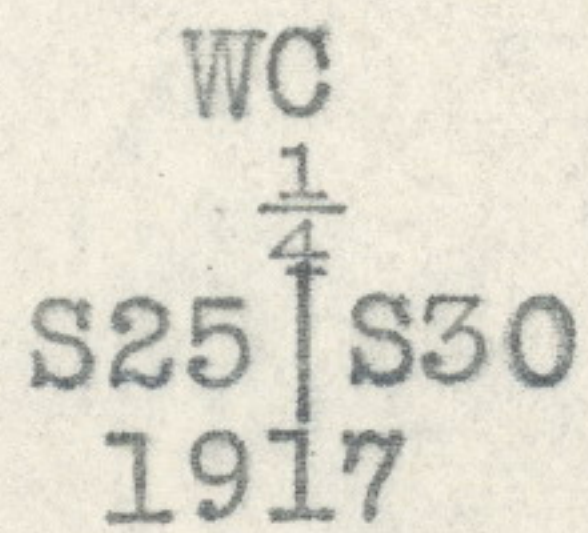
8.00 Bottom of gulch, course SW.; ascend 420 ft. to

27.60 Top of spur ridge, slopes S.30°E.; continue gradual ascent
along E. slope of ridge.

39.60 Intersect the old 1/4 sec. cor., which is a basalt stone,
12x10x8 ins., above ground, firmly set, marked and wit-
nessed as described by the surveyor general.

At a point 2 lks. S. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for witness cor. to the 1/4 sec. cor., with brass
cap marked



and raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.

Thence

N.0°20'E., continuing my measurements

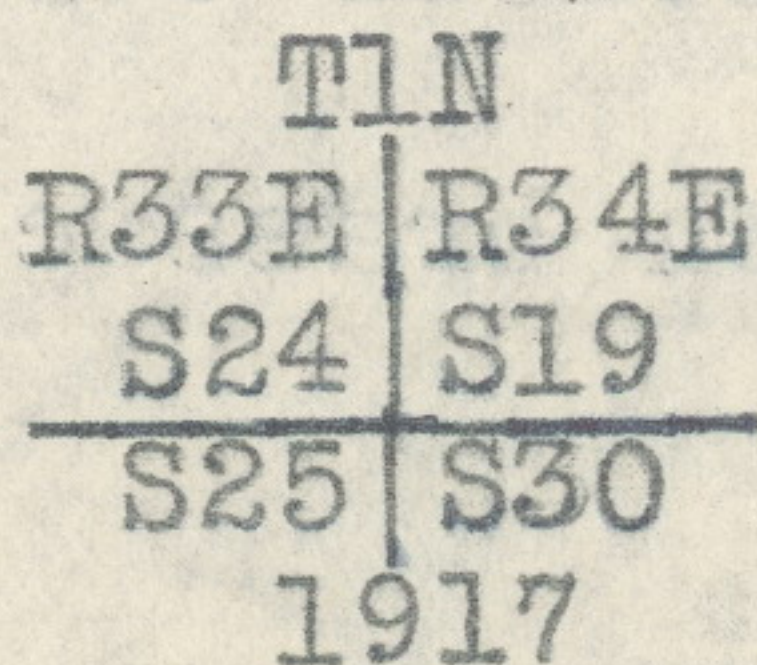
Ascend 300 ft. over S. slope to

71.80 Top of ascent; fence bears E. and W.; enter field, extends
E. about 2.00 chs. and W. about 40.00 chs.

Descend gradually over rolling land.

79.44 Apportioned distance

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 19, 24, 25 and 30, with brass
cap marked



deposit around the post from 1 1/2 ft. below surface to 1
ft. above surface of the ground, a ring of stones, 2 1/2

Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 33 E.

Chains

ft. diam.

Fence cor. bears S.26°30'E., 112 lks. dist.

Land, mountainous and high rolling bench.

Soil, light loam over basalt, shallow where steep, 1st and 2nd rate.

No timber or undergrowth.

N.0°20'E., resurveying the line bet. secs. 19 and 24.

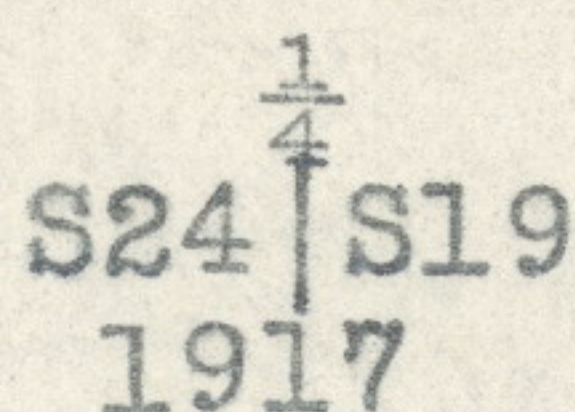
Descend gradually over cultivated land.

26.44 Leave cultivated land, bears E. and W.; descend abruptly through timber and undergrowth, 300 ft. to

34.80 Brook, 2 lks. wide, course NW.; ascend 80 ft. to

39.84 Apportioned distance

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, surrounded by a mound of stone to depth of 24 ins., for 1/4 sec. cor., with brass cap marked



and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

A fence extending N. and S. bears East, 25 lks. dist.

Ascend 80 ft. to

48.25 Top of spur, slopes W.; descend.

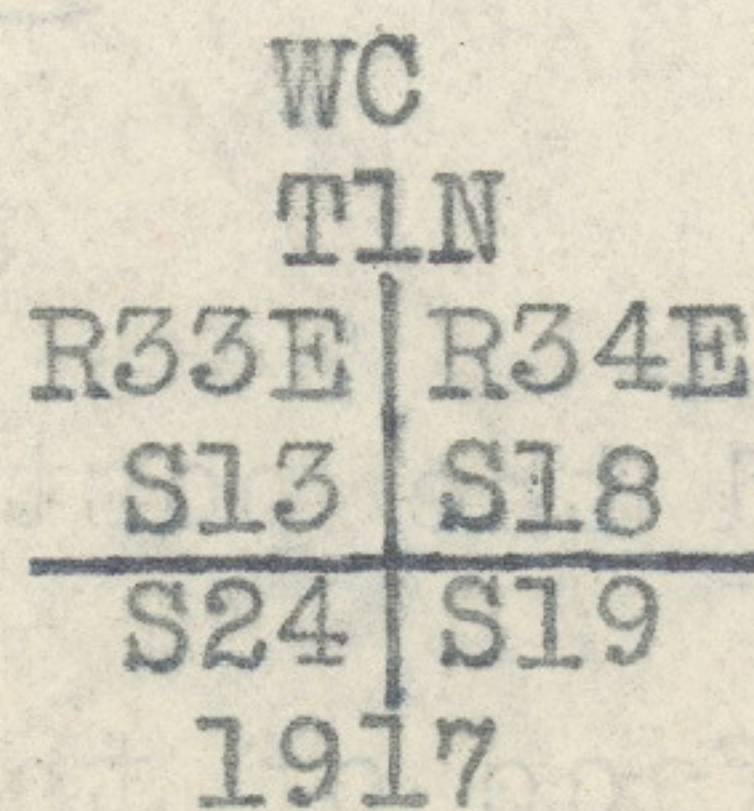
56.30 Bottom of ravine, 90 ft. deep, course W.

77.40 Bottom of draw, 25 ft. deep, course W.

79.68 Intersect the cor. of secs. 13, 18, 19 and 24, which is a basalt stone, 12x10x10 ins., above ground, firmly set, marked and witnessed as described by the surveyor general.

At a point 2 lks. S. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 13, 18, 19 and 24, with brass cap marked



Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 33 E.

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous and rolling bench.

Soil, shallow light loam over basalt bedrock, 1st and 2nd rate.

Timber, small fir and pine.

Undergrowth, willow, serviceberry and ninebark.

N.0°22'W., resurveying the line bet. secs. 13 and 18.

Over mountainous land, ascending.

8.45 Top of spur, slopes W.; descend 400 ft. to

22.45 Dry gulch, course NW.; ascend SW. slope 210 ft. to

40.35 Intersect the old 1/4 sec. cor., which is a basalt stone, 12x8x6 ins., loose upon the ground, in a small pile of stones, very dimly marked 1/4 on W. face and a cross (x) on top. I reset the stone 8 ins. in the ground and

At a point 1 lk. N. of cor. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

1/4
TLN
R33E R34E
S13 S18
WC
1917

and raise a mound of stone, 5 ft. base, 2 ft. high, W. of cor. and around post.

Thence

N.0°04'E., continuing my measurements

45.45 Top of spur, slopes W.; descend N. slope 540 ft. to

67.20 Bottom of dry gulch, course W.; ascend SW. slope 240 ft. to

80.45 Intersect the old cor. of secs. 7, 12, 13 and 18, which is a basalt stone, 10x6x8 ins., above ground, firmly set, marked X on top with 4 notches on S. edge.

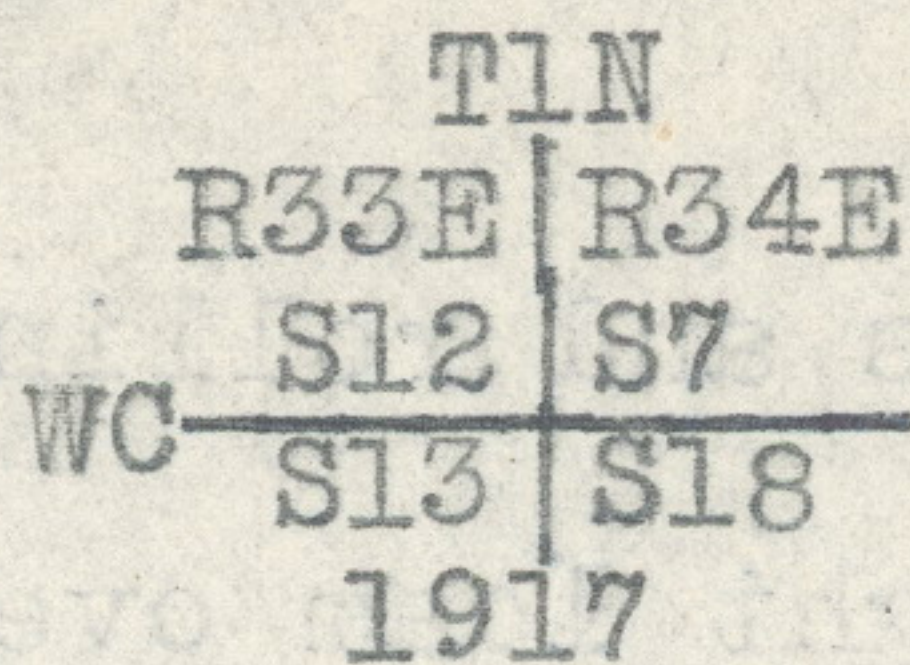
At a point 1 lk. E. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 7, 12, 13

Resurvey East Bdy. Diminished Umatilla Indian Reservation
East Bdy. of T. 1 N., R. 33 E.

Chains

and 18, with brass cap marked



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

A crib of rocks, 3 ft. sq., 6 ft. high, built for fence anchor, bears S.25°E., 24 lks. dist.; fence extends E. and S.

Land, mountainous.

Soil, rocky, shallow light loam, 2nd and 3rd rate.

Timber, none.

Undergrowth, chokecherry and buckbrush on N. slopes.

Resurvey South Bdy. Diminished Umatilla Indian Reservation
Subdivisions, T. 1 N., R. 34 E.

From the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of T. 1 N., R. 34 E., N.88°55'E. retracing the line bet. secs. 7 and 18; at 43.30 chs. find no definite evidence of the original location of the ¼ sec. cor., and at 83.30 chs. find no definite evidence of the original location of the cor. of secs. 7, 8, 17 and 18, set temp. cor.

From the temp. cor. of secs. 7, 8, 17 and 18 East, retracing the line bet. secs. 8 and 17; at 10.05 chs. fall 45 lks. S. of the 1/32 sec. cor. From the 1/32 sec. cor. East continuing my retracement; at 10.09 chs. fall 7 lks. N. of the 1/16 sec. cor.; at 30.10 chs. fall 8 lks. N. of the ¼ sec. cor.; at 40.25 chs. fall 11 lks. N. of the 1/32 sec. cor., and at 70.42 chs. fall 15 lks. N. of the cor. of secs. 8, 9, 16 and 17.

East, retracing the line bet. secs. 9 and 16; at 40.30 chs. fall 22 lks. N. of the ¼ sec. cor., and at 80.58 chs. fall 48 lks. N. of the cor. of secs. 9, 10, 15 and 16.

S.89°39'E., retracing the line bet. secs. 10 and 15; at 40.08 chs. fall 20 lks. N. of the ¼ sec. cor., and at 79.93 chs. fall 10 lks. N. of the cor. of secs. 10, 11, 14 and 15.

East, retracing the line bet. secs. 11 and 14; at 40.00 chs. find no trace of the ¼ sec. cor., and at 80.42 chs. fall 125 lks. S. of the cor. of secs. 11, 12, 13 and 14.

East, retracing the line bet. secs. 12 and 13; at 39.72 chs. fall 52 lks. N. of the ¼ sec. cor. From the ¼ sec. cor. East continuing my retracement; at 40.12½ chs. find no trace of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., set temp. cor.

I locate the point for the ¼ sec. cor. bet. secs. 13 and 18 on the E. bdy. of T. 1 N., R. 34 E. by reference to the original bearing trees.

Resurvey East Bdy. Diminished Umatilla Indian Reservation

Chains

Soil, shallow light loam over basalt, 3rd rate.
Timber, small growth of fir and yellow pine.
Undergrowth, willow, ninebark, arrowwood and cherry.

November 22, 1917.

L. E. Wilkes
U. S. Surveyor

For Final Certificate of U. S. Surveyor see Book "E"
of this Group.

APPROVAL

Office of U. S. Surveyor General,
Portland, Oregon, August 26, 1918.

The foregoing field notes of the Resurvey of the East, South, West and western three miles of the North Boundary of the Diminished Umatilla Indian Reservation, Oregon, executed by L. E. Wilkes, U. S. Surveyor, under his special instructions dated February 20, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward A. Worth
U. S. Surveyor General