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FIELD NOTES

OF THE ~~SURVEY OF THE~~

RETRACEMENT OF

part of the Subdivision lines of TOWNSHIP 13 NORTH, RANGE 1 EAST, AND

SURVEY OF

Placer Addition to Humboldt Townsite in T. 13 N., R. 1 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William B. Kimmel,

and

H. L. Baldwin,

In the capacity of U. S. Surveyor S., under Special Instructions dated Oct. 20, 1916,

issued by the United States Surveyor General to govern surveys included in Group

No. 61, which were approved by the Commissioner of the General Land

Office, Nov. 6, 1916, and Assignment Instructions dated Feb. 8, 1919

Retracement and Survey commenced February 5, 1918

Retracement and Survey completed March 2, 1918

3335

3335

BOOK 3335

3335

Book "N"

Group 61 - - Arizona.

SEE SPECIAL INDEX DIAGRAM.

INDEX DIAGRAM:

Township _____, Range _____

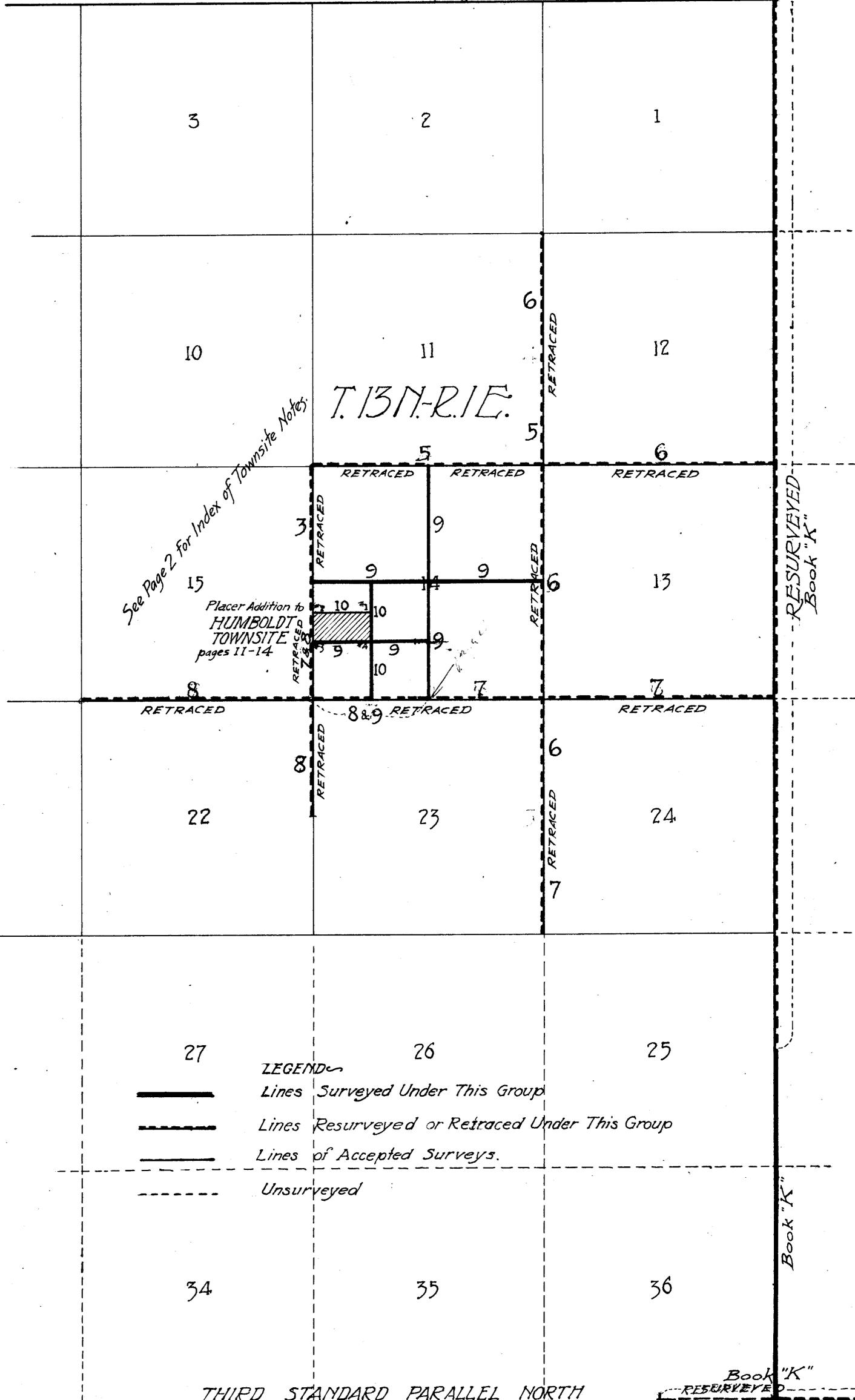
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PART I.
SPECIAL INDEX DIAGRAM,

BOOK 3635

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1A



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T. 13N-R. 1E.

Placer Addition to
HUMBOLDT
TOWNSITE
pages 11-14

- 27
- LEGEND
- Lines Surveyed Under This Group
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THIRD STANDARD PARALLEL NORTH

Book "K" RESURVEYED

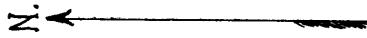
RESURVEYED
Book "K"

Book "K"

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PART 2
SPECIAL INDEX DIAGRAM
PLACER ADDITION
TO THE
TOWNSITE OF HUMBOLDT
T. 13 N. ~ R. 1 E.

BOOK 3335

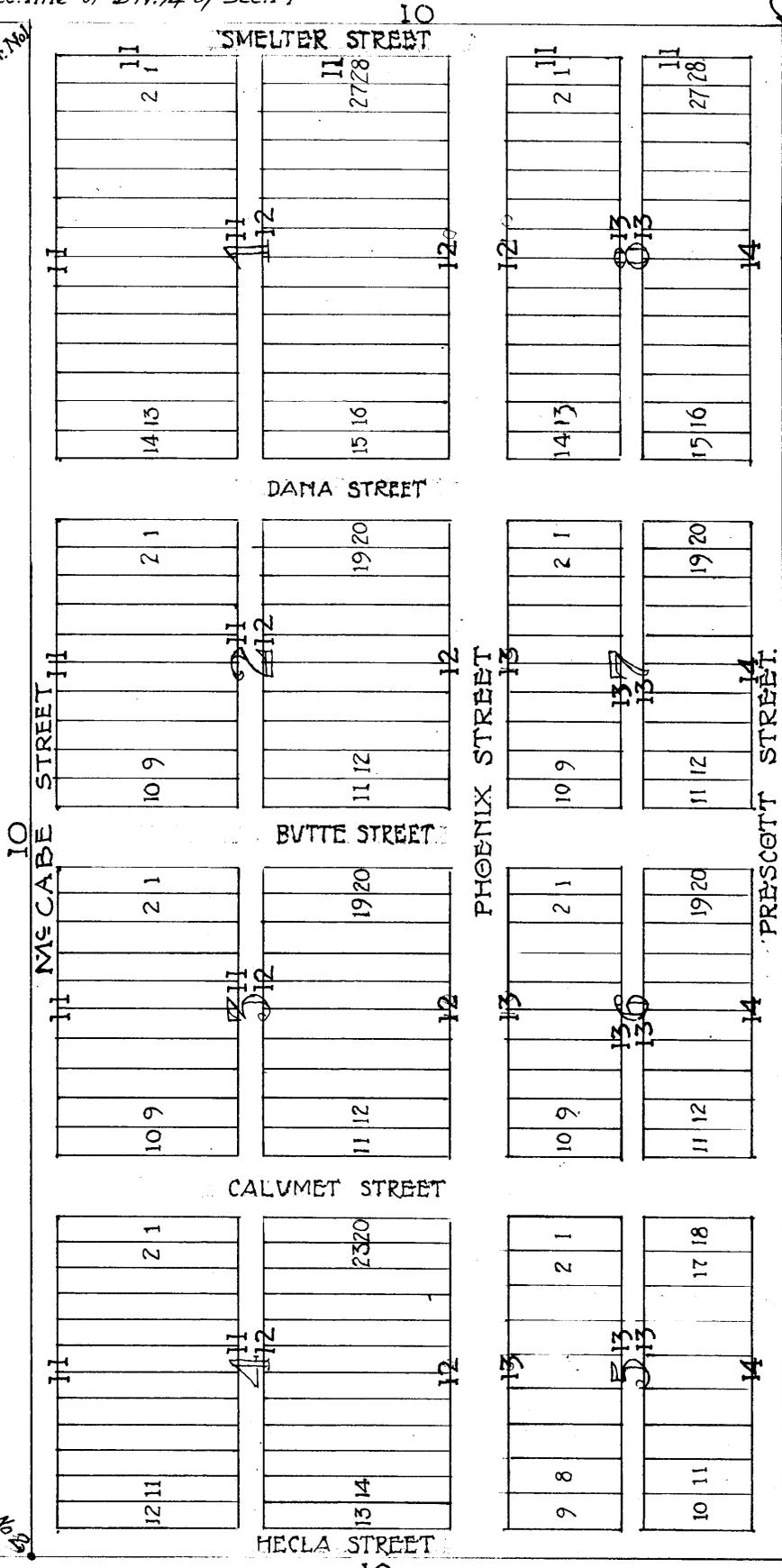


1/16 sec. line of SW 1/4 of sec. 14

Center of SW 1/4 of Sec. 14

Cor. No. 1
page 10

Cor. No. 4
and 1/16 sec. cor.
page 10



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Cor. No. 5
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Cor. No. 3
and 1/16 sec. cor.
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Sec. line bet. secs. 14 and 15.



Retracements and Surveys executed on dates shown on page 15 hereof, by William B. Kimmel and H.L. Baldwin, U.S. surveyors, using respectively, Young and Sons light mountain transit No. 8478, and Buff Favorite transit No. 9207, each instrument being equipped with Smith solar attachment. For description of instrument No. 8478, certificate of approval and tests of adjustments, see Book "M."

In the surveys executed under this group, slopes distances were measured with 5-chain tapes, slope angles were read with clinometers on sloping ground, and the correct horizontal distance was computed for each item of topography.

Instrument No. 9207 is provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

Buff instrument No. 9207 was substituted for Buff instrument No. 9302, which was approved by the Assistant Supervisor of Surveys for Arizona and California, February 8, 1918, conditional upon satisfactory field tests, a record of which follows:

February 11, 1918: Examine the adjustments of the transit, and correct the level and collimation errors; then, in order to test the solar apparatus by comparing its indications, resulting from observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris at elongation, proceed as follows.

At camp, near the center of sec. 14, T. 13 N., R. 1 E., in lat. $34^{\circ}30\frac{1}{2}'$ N.; long. $112^{\circ}13\frac{1}{2}'$ W., at 10 hrs. 0.8 m. p.m., l.m.t., by watch, which is set to correct local mean time, observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack in a stake, 5 chs. N. of station.

February 12, 1918. At 7h. 45m., a.m., l.m.t., lay off the azimuth of Polaris, $1^{\circ}22'$ to the east, and mark the meridian thus determined by a tack in a stake, 5 chs. north of station.

At 8h. 0m., a.m., l.m.t., set off $34^{\circ}30\frac{1}{2}'$ N. on the lat. arc; $13^{\circ}46\frac{1}{2}'$ S. on the decl. arc, and determine a meridian with the solar. The line thus determined coincides with the true meridian determined by observations on Polaris at elongation.

At apparent noon, set off $13^{\circ}44\frac{1}{2}'$ S. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $34^{\circ}30\frac{1}{2}'$ N.

At 4h. 0m. p.m., l.m.t., set off $34^{\circ}30\frac{1}{2}'$ N. on the lat. arc; $13^{\circ}40'$ S. on the decl. arc; and determine a meridian with the solar. The line thus determined coincides with the true meridian determined by observations on Polaris at elongation.

The solar apparatus by a.m. and p.m. observations, defines positions for meridians which coincide with the true meridian determined by observations on Polaris at elongation; therefore, conclude that the solar is in satisfactory adjustment.

RETRACEMENT.

From the sec. cor. of secs. 14 and 15, which is an iron pipe, 4 ins. diam., 3 ft. above ground, filled with cement and set in concrete,

North, on a random line, bet. secs. 14 and 15. Over rolling land, thru scattering undergrowth.

3.44 S. F. P. & P. Ry., hrs. NE. and SW. Ascend 105 ft.

30.90 Spur, slopes SE. Descend 105 ft.

38.70 Wash, 30 lks. wide, $1\frac{1}{2}$ ft. deep, course E.; ascend.

40.17 Fall 63 lks. W. of the cor. of secs. 10, 11, 14 and 15, which is a granite stone (9x8x14) ins. above ground, marked with

see p 1 Book 3332

4

Chains.

4 notches on S, and 2 notches on E. edge, and surrounded by a mound of stone.

A wire fence brs. E. and W. above stone.

True course and dist. of N. half of line bet. secs. 14 and 15 are therefore N. 0° 54' E., 40.17 chs.

Land, rolling.

Soil, rocky, 2nd rate.

No timber.

Undergrowth, scattering greasewood and palo verde.

The cor. of secs. 1, 2, 11 and 12 found after diligent search is a stone, 12x6x10 ins. above ground, firmly set in a mound of stone, marked with 5 notches on S. edge, and 1 notch on E. edge. No bearing trees.

Thence,

South, on random line, bet. secs. 11 and 12.

40.00 Diligent search in this vicinity fails to reveal any trace of original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.

80.00 Diligent search in this vicinity fails to reveal any trace of original cor. of secs. 11, 12, 13 and 14. Set temp. cor. of said secs.

Continue line and measurement bet. secs. 13 and 14.

120.00 Diligent search in this vicinity fails to reveal any trace of original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.

160.00 Diligent search in this vicinity fails to reveal any trace of original cor. of secs. 13, 14, 23 and 24. Set temp. cor. of said secs.

Continue line and measurement bet. secs. 23 and 24.

200.00 Diligent search in this vicinity fails to reveal any trace of original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.

240.00 Diligent search in this vicinity fails to reveal any trace of original cor. of secs. 23, 24, 25 and 26. Set temp. cor. of said secs.

Discontinue retracement, as the first meridional sec. line S. of this cor. was never previously surveyed.

From cor. of secs. 10, 11, 14, and 15, hereinbefore described, East, on random line, bet. secs. 11 and 14.

40.00 Diligent search in this vicinity fails to reveal any trace of original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.

80.00 Diligent search in this vicinity fails to reveal any trace of the cor. of secs. 11, 12, 13 and 14. Set temp. cor. of said secs.

Continue line and measurement, bet. secs. 12 and 13.

120.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.

158.08 Intersect E. bdy. of Tp. 47 lks. N. of reestablished cor. of secs. 12 and 13, described in book "K."

From point of intersection, return west on random line, moving the temp. cors. to give proportionate distances as follows:

39.52 Set temp. $\frac{1}{4}$ sec. cor. of secs. 12 and 13.

78.83 Intersect 1st Meridional sec. line, 2 lks. N. of temp. cor. of secs. 11, 12, 13 and 14 set thereon.

79.04 Set temp. cor. of secs. 11, 12, 13 and 14.

Thence,

West, bet. secs. 11 and 14.

39.52 Set temp. $\frac{1}{4}$ sec. cor. of secs. 11 and 14.

79.04 Intersect cor. of secs. 10, 11, 14 and 15.

The $\frac{1}{4}$ sec. cor. of secs. 14, and 23 is a lava stone, 10x10x14 ins. above a mound of stone, over which cement has been poured, making one solid mass. Stone is marked " $\frac{1}{4}$ " on N. face.

40.00 Thence east, on random line, bet. secs. 14 and 23 (E. $\frac{1}{2}$).

Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 13, 14, 23 and 24. Set temp.

Chains.	cor. of said secs. Continue line and measurement bet. secs. 13 and 24.
80.00	Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.
118.89	Intersect E. bdy. of Tp., 139 lks. N. of reestablished cor. of secs. 13 and 24, described in Book "K." From point of intersection, return W. on random line, moving the temp. cors. to give proportionate distances as follows:
39.63 $\frac{1}{2}$	Set temp. $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
78.92	Intersect 1st Meridional sec. line, 20 lks. S. of temp. cor. of secs. 13, 14, 23 and 24, set thereon.
79.27	Set temp. cor. of secs. 13, 14, 23 and 24. Thence West, bet. secs. 14 and 23 (E. $\frac{1}{8}$).
39.62	Intersect $\frac{1}{4}$ sec. cor. of secs. 14 and 23.

	At a point 21 lks. W. of the temp. cor. of secs. 11, 12, 13 and 14, set on 1st Meridional random sec. line, and 2 lks. S. of adjusted temp. cor. of said secs. set on random latitudinal sec. line, set stake to mark the proper point for reestablishment of cor. of said secs., and remove the other temp. cors. pertaining thereto.
	At a point 35 lks. W. of temp. cor. of secs. 13, 14, 23 and 24, set on 1st Meridional random sec. line, and 20 lks. N. of adjusted temp. cor. of said secs. set on random latitudinal sec. line, set stake to mark the proper point for reestablishment of cor. of said secs., and remove the other temp. cors.

	The courses and distances for sec. lines resulting from the reestablishment of the sec. cors. as described above, are as follows:
	Between secs. 11 and 12, N. 0° 9' E., 80.00 chs.
	" " 11 and 14, S. 89° 59' E., 79.04 chs.
	" " 12 and 13, N. 89° 41' W., 79.04 chs.
	" " 13 and 14, S. 0° 6' W., 80.00 chs.
	" " 14 and 23 (E. $\frac{1}{2}$) S. 89° 43' W., 39.62 chs.
	" " 13 and 24, (N. 88° 51' W., 79.29 chs.)
	" " 23 and 24, S. 0° 15' E., 80.00 chs.

	From the cor. of secs. 10, 11, 14 and 15, S. 89° 59' E., on a true line, bet. secs. 11 and 14. Over gently rolling land, thru. scattering undergrowth.
5.30	Wash, 40 lks. wide, 3 ft. deep, course SE.
8.30	Same wash, course NE.
13.40	Same wash, course SE.
18.30	S. F. P. & P. Ry., brs. NW. and SE.
19.40	Road brs. N. and S.
20.00	Enter wash, 100 lks. wide, 10 ft. deep, comes from SW. course E.
20.10	Wire fence brs. N. and S.
20.40	Wooden pipe, brs. N. and S.
28.00	Ruins of stone house, brs. S. about 4 chs. dist.
29.90	Road brs. N. and SE.
30.00	Leave wash, course SE.
32.80	Wash, 40 lks. wide, 10 ft. deep, course S.
33.50	Enter cultivated land, brs. N. and S.
39.52	Set stake for temp. $\frac{1}{4}$ sec. cor.
42.30	Ditch, 2 ft. wide, course SE. Leave cultivated land, brs. NW & SE.
42.55	Cut bank of Agua Fria river, 30 ft. high, brs. NW. and SE. Thence across Agua Fria river, containing water in several small channels, a few inches deep, course SE.
48.50	Cut bank of Agua Fria river, brs. NW. and SE.
49.10	Wash, 40 lks. wide, 20 ft. deep, course S.
50.30	Road brs. NW. and SE. Thence over rolling hills; asc. 65 ft.
70.00	Descend 35 ft.
71.10	Power line, brs. NE. and SW.
79.04	Intersect stake set at proper point for reestablishment of cor. of secs. 11, 12, 13 and 14, determined as hereinbefore described.
	Land, rolling. Soil, sandy and rocky, 2nd rate. No timber.

Chains.

Undergrowth, greasewood and palo verde.

 From point for reestablished cor. of secs. 11, 12, 13 and 14,
 N. 0° 9' E., on a true line, bet. secs. 11 and 12.
 Over rolling hills, thru. scattering undergrowth. Asc. 90 ft.
 9.06 Descend 50 ft.
 14.01 Ascend 60 ft.
 21.71 Descend 55 ft.
 26.21 Ascend 45 ft.
 30.21 Descend 35 ft.
 36.86 Wash, 15 lks. wide, 1 ft. deep, course W. Ascend.
 39.56 Power line tower on line.
 40.00 Set temp. $\frac{1}{4}$ sec. cor., and remove temp. cor. previously set
 10 $\frac{1}{2}$ lks. E.
 40.56 Wire fence, brs. E. and W. Descend 30 ft.
 42.06 Wash, 15 lks. wide, 4 ft. deep, course W.
 44.06 Wash, 5 lks. wide, 6 ft. deep, course SW. Ascend 55 ft.
 57.66 Road brs. NE. and SW.
 59.96 Fence brs. E. and W. Descend 30 ft.
 79.26 Wash, 60 lks. wide, 5 ft. deep, course SW.
 80.00 Intersect cor. of secs. 1, 2, 11 & 12, hereinbefore described.
 Land, rolling hills. Soil, rocky, 3rd rate.
 No timber. Undergrowth, greasewood and palo verde.

 From reestablished cor. of secs. 12 and 13, on E. bdy. of Tp.,
 N. 89° 41' W., on true line, bet. secs. 12 and 13.
 Over rolling land, thru. scattering undergrowth. Desc. 130 ft.
 .29 Draw, course SW.
 10.09 Fence cor. brs. S. 10 lks. dist. from which fences extend W. & S.
 20.29 Gulch, course SW. Foot of descent. Ascend 50 ft.
 31.20 Top of ascent, brs. NE. and SW. Descend 170 ft.
 34.30 Wire fence brs. N. 87° W. and S. 87° E. Thence along S. side of
 said fence.
 39.52 No trace of original $\frac{1}{2}$ sec. cor. can be found. Set temp. cor.
 and remove the temp. cor. previously set.
 62.79 Same wire fence, brs. N. 88° E. and S. 88° W. Thence along N. side
 of said fence.
 75.79 Wash, 50 lks. wide, course SW. Foot of descent from 31.20 ch.
 station. Ascend.
 79.04 Intersect the point for reestablishment of cor. of secs. 11,
 12, 13 and 14, determined as hereinbefore described.
 Land, rolling. Soil, rocky, 3rd rate.
 No timber. Undergrowth, scattering greasewood and palo
 verde. No grass.

 From the true point for reestablishment of cor. of secs.
 11, 12, 13 and 14,
 S. 0° 6' W., on true line, bet. secs. 13 and 14.
 Over rolling land, thru. scattering undergrowth.
 0.17 Wire fence, brs. E. and W.
 0.70 Shallow wash, 50 lks. wide, course SW. Ascend 65 ft.
 11.20 Descend 35 ft.
 16.20 Shallow wash, 10 lks. wide, course SW.
 33.50 Wash, 18 ins. deep, 80 lks. wide, course SW.
 33.90 Road in wash, brs. NE. and SW. Thence over rolling land.
 39.00 Road brs. NE. and SW.
 40.00 Set temp. $\frac{1}{4}$ sec. cor., and remove the one previously set.
 46.20 Small ravine, course NW.
 52.90 Wash, 10 lks. wide, 4 ft. deep, course NW.
 56.10 Road brs. NW. and SE.
 61.50 Wire fence, brs. E. and W. Corners 0.95 chs. E., and runs S.
 63.50 Wash, 10 lks. wide, 6 ft. deep, course W. Ascend 95 ft.
 80.00 Intersect point for reestablishment of cor. of secs. 13, 14,
 23 and 24, determined as hereinbefore described.
 Land, rolling and rolling hills. Soil, rocky, 3rd rate, No
 timber. Undergrowth, greasewood and palo verde.

 From point for reestablished cor. of secs. 13, 14, 23 and
 24,
 S. 0° 15' E., on a true line, bet. secs. 23 and 24.

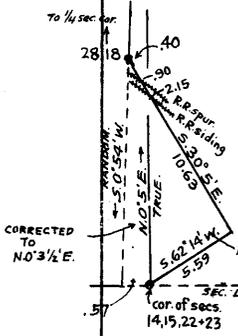
Chains.	Over rolling hills, thru scattering undergrowth.
6.00	Ascend 30 ft.
10.60	Descend.
16.00	Ravine, 20 ft. deep, course W. Thence over level land.
19.90	Fence brs. E and W. Corners lch. E. and runs N.
35.00	Descend 20 ft.
40.00	Set temp. cor., and remove temp. cor. previously set.
42.40	Gulch, course W. Ascend 250 ft.
75.00	Descend 45 ft.
80.00	Intersect temp. cor. of secs. 23, 24, 25 and 26.
	Land, rolling and level.
	Soil, rocky, 3rd rate.
	No timber.
	Undergrowth, greasewood and palo verde.

	From reestablished cor. of secs. 13 and 24 on E. bdy. of
	tp., described in Book "K,"
	N. 88° 51' W., on true line, bet. secs. 13 and 24.
	Over rolling and level land, thru scattering undergrowth.
	Ascend 15 ft.
2.27	Descend 75 ft.
6.77	Ravine, 60 ft. deep, course N. Ascend 35 ft.
9.27	Descend 75 ft.
24.07	Ravine, 60 ft. deep, course N. Ascend.
31.27	Descend 80 ft. to 1/4 sec. cor.
33.27	Fence brs. N. 85° E. and S. 85° W. Thence along N. side of same.
39.64	Set temp. 1/4 sec. cor., and remove the one previously set.
	Thence over level land.
49.27	Road brs. NW. and SE.
78.81	Fence cor. brs. S. 46 lks. dist., from which fences extend E., W and S.
78.92	Fence brs. N. and S.
	Fence cor. brs. S. 46° lks. dist., from which fences extend E. and N.
79.29	Intersect point for reestablished cor. of secs. 13, 14, 23 and 24.
	Land, rolling and level.
	Soil, rocky and gravelly, 3rd and 4th rate.
	No timber.
	Undergrowth, scattering greasewood and palo verde.
	No grass.

	From the point for reestablished cor. of secs. 13, 14, 23 and 24,
	S. 89° 43' W., on a true line, bet. secs. 14 and 23 (E. 1/2).
	Over rolling hills, thru scattering undergrowth. Descend 140 ft.
14.00	Wire fence brs. NE. and SW.
16.80	Enter cultivated land, brs. N. and S.
27.20	Power line brs. NE. and SW. Thence over level land.
30.60	Wire fence brs. N. and S. Leave cultivated land.
39.62	Wire fence brs. N. and S.
	Intersect 1/4 sec. cor. of secs. 14 and 23, hereinbefore described.
	Land, level and rolling hills.
	Soil, rocky, 3rd rate.
	No timber.
	Undergrowth, palo verde and greasewood.

	From the 1/4 sec. cor. of secs. 14 and 15, hereinbefore described,
	S. 0° 54' W., on a random line, bet. secs. 14 and 15 (S. half).
	Over rolling land, thru scattering undergrowth.
28.18	Drove nail. Run offset line as follows: to avoid buildings:

Chains.



S. 30° 5' E., 10.63 chs. Drove nail. At 0.90 chs. on this course R.R. spur, brs. NW. and SE. At 2.15 chs., siding brs. NW. and SE. S. 62° 14' W., 5.59 chs. At 1.45 chs. pipe line, brs. NW. and SE. To the cor. of secs. 14, 15, 22 and 23, which is an iron pipe, 5 ins. diam., 2 ft. above ground, filled with cement and set in concrete.

The computed bearing and distance of this line are therefore N. 0° 5' E., 39.98 chs. A direct reference with the true meridian gives the bearing N. 0° 3 1/2' E., which is the course accepted.

Land, rolling.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, greasewood and palo verde.

From the cor. of secs. 14, 15, 22 and 23, hereinbefore described,

West, on a random line, bet. secs. 15 and 22. Over rolling hills, thru scattering undergrowth.

- 8.50 Wash, 130 lks. wide, course S.
- 10.60 Road brs. NE and SW.
- 32.70 Ravine, course SE.
- 34.30 Same ravine, course NE.
- 40.00 Diligent search in this vicinity failed to reveal any trace of the 1/4 sec. cor.
- 40.30 Same ravine course SE.
- 43.70 S.F.P.&P. Ry., brs. NE. and SW.
- 76.70 Road brs. NW and SE.
- 79.38 Fall 78 lks. S. of the cor. of secs. 15, 16, 21 and 22, which is a stone, 9x6x10 ins. above ground, marked with 3 notches on E. and S. edges, and surrounded by a mound of stone.

The true course and dist. of this mile are therefore N. 89° 26' W., 79.38 chs.

Land, rolling hills.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, greasewood and palo verde.

From the cor. of secs. 14, 15, 22 and 23, hereinbefore described,

South, on a random line, bet. secs. 22 and 23 (N. 1/2).

Over rolling hills, thru scattering undergrowth.

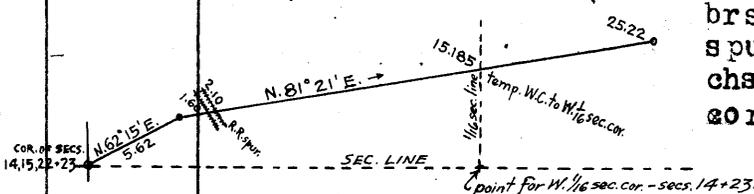
- 6.90 Enter wash, course SE.
- 9.15 Leave wash, course SE. Ascend 185 ft.
- 40.20 Fall 6 lks. E. of the 1/4 sec. cor. of secs. 22 and 23, which is a 4 in. iron post, 40 ins. above ground, filled with cement and set in concrete.

The true course and dist. of this half mile are therefore S. 0° 5' W., 40.20 chs.

Land, rolling hills.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, palo verde and greasewood.

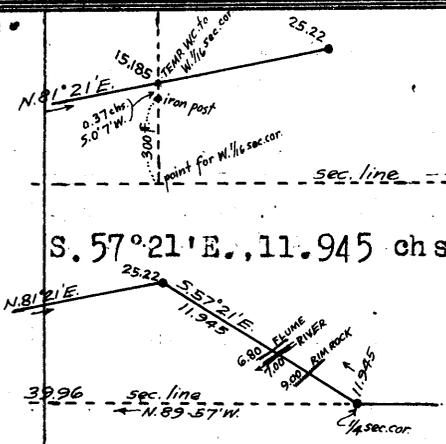
In order to determine the course and dist. of the W. half of mile bet. secs. 14 and 23, run random traverse as follows:

From cor. of secs. 14, 15, 22 and 23,
N. 62° 15' E., 5.62 chs. Drove nail.
N. 81° 21' E., 25.22 chs. At 1.60 chs. on this course, siding brs. NW. and SE. At 2.10 chs. R.R. spur, brs. NW. and SE. At 15.185 chs., set temp. stake for witness cor. to W. 1/16 cor. bet. secs.



Retracement of part of Subdivision lines of T.13 N., R.1 E. 9.

Chains.



14 and 23, from which an iron post, filled with cement, set by Consolidated Arizona Smelting Co., and said to be 300 ft. N. of W. 1/16 cor. of secs. 14 and 23, brs. S. 0° 7' W., 0.37 chs. dist. At end of course, drove nail in slag dump. At 6.80 chs. on this course, flume 4 ft wide, course SW. At 7 chs. river bottom, 1 ch. wide, course SW. At 9 chs. top of rim rock, 75 ft. high, brs. NE. and SW. To the 1/4 sec. cor. bet. secs. 14 and 23, herein before described.

The computed true course and dist. of this line are therefore N. 89° 57' W., 39.96 chs., and the witness cor. to W. 1/16 cor. is 300 ft. N. of the W. 1/16 cor., as stated by the engineers of the Consolidated Arizona Smelting Co. Land, rolling. Soil, rocky, 3rd rate. No timber. Undergrowth, greasewood and palo verde.

Survey of Subdivision of sec. 14, Township 13 N., R. 1 E.
 Measurements in Feet.

Feet.

From the 1/4 sec. cor. of secs. 14 and 23, a flag at the true point for reestablished 1/4 sec. cor. of secs. 11 and 14 is plainly visible, and brs. N. 0° 10' E.
 Thence N. 0° 10' E., on a random line.
 1320.0 Set temp. stake for S. 1/16 cor. of sec. 14.
 2640.0 Set temp. stake for C. 1/4 cor. of sec. 14.
 5293.9 Intersect the true point for 1/4 sec. cor. of secs. 11 and 14.

From the 1/4 sec. cor. of secs. 14 and 15, the true point for reestablished 1/4 sec. cor. of secs. 13 and 14, marked by a flag is plainly visible, and brs. N. 89° 52 1/2' E.,
 N. 89° 52 1/2' E., on a random line.
 1320.0 Set temp. stake for W. 1/16 cor. of sec. 14.
 2642.3 Intersect the N. and S. random center line, 6.6 ft. N. 0° 10' E. of the temp. center 1/4 sec. cor. of sec. 14.
 5255.3 Intersect the true point for reestablished 1/4 sec. cor. of secs. 13 and 14.

Now move the temp. south 1/16 sec. cor., 3.30 ft. N. 0° 10' E. to the true point for south 1/16 sec. cor. of sec. 14, and move the temp. west 1/16 sec. cor., 1.15 ft. N. 89° 52 1/2' E. to the true point for the west 1/16 sec. cor. of sec. 14.

At a point on the W. bdy. of sec. 14, 659.67 ft. S. 0° 31' W. of the 1/4 sec. cor. of secs. 14 and 15, and 659.67 ft. N. 0° 31' E. of the temp. south 1/16 sec. cor. of secs. 14 and 15,
 Set an iron post, 3 ft. long, 1 in. in diam., 32 ins. in the ground, for cor. No. 2, NW. cor. of the Placer Addition to the Townsite of Humboldt, marked on brass cap,

H T
 2
 1918

At the true point for S. 1/16 sec. cor. of secs. 14 and 15, midway between the 1/4 sec. cor. of secs. 14 and 15, and the cor. of secs. 14, 15, 22 and 23,
 Set an iron post, 3 ft. long, 1 in. in diam., 36 ins. in the ground, with brass cap, flush with the surface of graded street, for cor. No. 3, SW. cor. of the Placer Addition to the Townsite of Humboldt, marked on brass cap,

H T
 3
 1918

From this cor., the south 1/16 sec. cor. of sec. 14, marked by a flag, brs. N. 89° 59' 40" E.
 Thence N. 89° 59' 40" E., along the S. bdy. of the Placer Addition to the Townsite of Humboldt.

10. Survey of Subdivision of sec. 14, Township 13 N., R. 1 E.

feet.
1320.0 Set temp. stake for cor. No. 4, SE. cor. of the Placer Addition to the Townsite of Humboldt, which is also the SW. 1/16 sec. cor. of sec. 14.

2640.5 The true point for the south 1/16 sec. cor. of sec. 14.

From the true point for the W. 1/16 sec. cor. of sec. 14, the flag at the true point for the W. 1/16 sec. cor. of secs. 14 and 23, brs. S. 0° 7' W.
Thence, S. 0° 7' W., on a random line.

660.0 Set temp. stake for cor. No. 1, NE. cor. of Placer Addition to Townsite of Humboldt.

1322.8 Fall 0.37 ft. west of temp. stake set to mark cor. No. 4, the SE. cor. of Placer Addition to the Townsite of Humboldt.

2319.2 Intersect temp. witness cor. to west 1/16 sec. cor., bet. secs. 14 and 23, set on the traverse of the S. bdy. of sec. 14.

2343.5 Intersect the iron post set by Consolidated Arizona Smelting Co., hereinbefore described.

2643.5 Intersect the flag set at the true point for west 1/16 cor. bet. secs. 14 and 23.

Thence,
N. 0° 7' E., on a true line, thru. the middle of the SW. 1/4 of sec. 14.

300.0 The iron post witness cor. to west 1/16 sec. cor. of secs. 14 and 23, hereinbefore described.

1320.7 Set an iron post 3 ft. long, 1 in. in diam., 36 ins. in the ground, with brass cap, flush with the roadway for cor. No. 4, SE. cor. of the Placer Addition to the Townsite of Humboldt, marked on brass cap,

H T
4

1918

From this point, a hub with nail therein, brs. S. 65 1/2° W., 0.72 ft.

1982.1 Set an iron post, 3 ft. long, 1 in. in diam., 36 ins. in the ground, with brass cap, flush with the ground, for cor. No. 1 NE. cor. of the Placer Addition to the Townsite of Humboldt, marked on brass cap,

H T
1

1918

This cor. is set about 2 ft. E. of the SE. cor. of Mr. Prado's house.

2114.0 An iron post, set by the Engineers of the Consolidated Arizona Smelting Co., brs. E. 3.4 ft. dist.

2643.5 The true point for W. 1/16 sec. cor. of sec. 14.

The bearings and lengths of the boundaries of the Placer Addition to the Townsite of Humboldt are as follows:

North boundary,	S. 89° 55' 20" W.	1320.65 ft.
West boundary,	S. 0° 3 1/2' W.	659.67 ft.
South boundary,	N. 89° 59' 40" E.	1319.63 ft.
East boundary,	N. 0° 7' E.	661.40 ft.

Survey of Subdivision of Placer Addition to Humboldt Townsite. 111

Feet.		
	<p>Begin at the NE. cor. of Block No. 1, which is also the SW. intersection of Smelter and Mc Cabe Streets, 26.32 ft. S.89°55'20" W., and 26.53 ft. S.0°7'W. of cor. No. 1 of the Placer Addition to the Humboldt Townsite.</p> <p>At this point, I set a post for the NE. cor. of Block No. 1.</p> <p>Thence West, along the S. side of Mc Cabe Street, subdividing into lots 25 ft. wide.</p>	
350.0	Set post for NW. cor. of Block No. 1.	
	Thence across Dana Street.	
400.0	Set a post for the NE. cor. of Block No. 2.	
	Thence West, subdividing into lots 25 ft. wide.	
650.0	Set a post for the NW. cor. of Block No. 2.	
	Thence across Butte Street.	
700.0	Set a post for the NE. cor. of Block No. 3.	
	Thence West, subdividing into lots 25 ft. wide.	
950.0	Set a post for the NW. cor. of Block No. 3.	
	Thence across Calumet Street.	
1000.0	The NE. cor. of Block No. 4 falls under building, where cor. cannot be set.	
	Thence West, subdividing into lots 22.5 ft. wide. No cors. set because of falling under buildings.	
1270.0	The NW. cor. of Block No. 4, which is the SE. intersection of Hecla and Mc Cabe Streets, falls under building, where the cor. cannot be set. This cor. is 24.67 ft. S.0°3½'W. and 24.33 ft. N.89°55'20"E. of the cor. No. 2 of Placer Addition to the Humboldt Townsite.	
From the NE. cor. of Block No. 1, hereinbefore described, South along the W. side of Smelter Street.		
160.0	The point for alley stake falls under building, where no cor. can be set.	
180.00	Set alley stake.	
340.0	The SE. cor. of Block No. 1, falls under building, where it cannot be set.	
	Thence across Phoenix Street.	
390.00	Set a post for the NE. cor. of Block No. 8.	
490.00	Set alley stake.	
510.0	Set alley stake.	
610.0	Set a post for the SE. cor. of Block No. 8, which is also the NW. intersection of Smelter and Prescott Streets. This cor. is 24.63 ft. S.89°59'40" W. and 24.87 ft. N.0°7'E. of cor. No. 4 of the Placer Addition to the Humboldt Townsite.	
From the point for alley stake in Block 1, on N. side of alley, at intersection with Smelter Street,		
	West along N. side of alley, subdividing into 25 ft. lots.	
350.0	Set stake on W. side of Block No. 1.	
	Thence across Dana Street.	
400.0	Set stake on E. side of Block No. 2.	
	Thence W., along N. side of alley, subdividing into 25 ft. lots.	
650.0	Set stake on W. side of Block No. 2.	
	Thence across Butte Street.	
700.0	Set stake on E. side of Block No. 3.	
	Thence West, along N. side of alley, subdividing into 25 ft. lots.	
950.0	Set stake on W. side of Block No. 3.	
	Thence across Calumet Street.	
1000.0	Set stake on E. side of Block No. 4.	
	Thence West, along N. side of alley, subdividing into 22.5 ft. lots.	
1135.0	This cor., and the remaining lot cors. in this block fall under buildings, where they cannot be established.	

12. Survey of subdivision of Placer Addition to Humboldt Townsite

Feet

1270.0 The point for cor. on W. side of block No. 4, at NE. intersection of alley with Hecla Street, falls under building, where it cannot be established.

350.0 From the alley stake in Block 1, on S. side of alley, at intersection of alley with Smelter Street, West along S. side of alley, subdividing into 25 ft. lots. Set stake on W. side of Block No. 1. Thence across Dana Street.

400.0 Set stake on E. side of Block No. 2. Thence along S. side of alley, subdividing into 25 ft. lots.

650.0 Set stake on W. side of Block No. 2. Thence across Butte Street.

700.0 Set stake on E. side of Block No. 3. Thence along S. side of alley, subdividing into 25 ft. lots.

950.0 The point for stake on W. side of Block No. 3 falls under building, where it cannot be established. Thence across Calumet Street.

1000.0 Set stake on E. side of Block No. 4. Thence along S. side of alley, subdividing into 22.5 ft. lots.

1270.0 The point for cor. on W. side, of Block No. 4, at SE. intersection of alley with Hecla Street, falls under building, where it cannot be established.

From the point for SE. cor. of Block No. 1, which is also the NW. intersection of Phoenix and Smelter Streets, West along the N. side of Phoenix Street, subdividing into 25 ft. lots.

25.0 The point for cor. falls under building, where it cannot be established.

75.0 The point for cor. falls under building, where it cannot be established.

350.0 Set post for SW. cor. of Block No. 1. Thence across Dana Street.

400.0 Set post for SE. cor. of Block No. 2. Thence along N. side of Phoenix Street, subdividing into 25 ft. lots.

500.0 The point for cor. falls under building, where it cannot be established.

650.0 Set post for SW. cor. of Block No. 2. Thence across Butte Street.

700.0 Set post for SE. cor. of sec. 3. Thence along N. side of Phoenix Street, subdividing into 25 ft. lots.

875.0 The point for cor. falls under building, where it cannot be established.

950.0 Set post for SW. cor. of Block No. 3. Thence across Calumet Street.

1000.0 Set post for SE. cor. of Block No. 4. Thence along N. side of Phoenix Street, subdividing into 22.5 ft. lots.

1067.5 The point for cor. falls under building, where it cannot be established.

1270.0 Set post for SW. cor. of Block No. 4, which is also the NE. intersection of Phoenix and Hecla Streets.

From the NE. cor. of Block 8, which is also the SW. intersection of Phoenix and Smelter Streets, West along the S. side of Phoenix Street, subdividing into 25 ft. lots.

Survey of Subdivision of Placer Addition to Humboldt Townsite. 13

350.0 Set post for NW. cor. of Block No. 8.
Thence across Dana Street.

400.0 Set post for NE. cor. of Block No. 7.
Thence along S. side of Phoenix Street, subdividing into 25 ft. lots.

575.0 The point for cor. falls under building, where it cannot be established.

650.0 Set a post for NW. cor. of Block No. 7.
Thence across Butte Street.

700.0 Set a post for NE. cor. of Block No. 6.
Thence along S. side of Phoenix Street, subdividing into 25 ft. lots.

725.0 The point for cor. falls under building, where it cannot be established.

950.0 Set a post for NW. cor. of Block No. 6.
Thence across Calumet Street.

1000.0 Set a post for NE. cor. of Block No. 5.
Thence along S. side of Phoenix Street, subdividing into 30 ft. lots.

1270.0 Set a post for NW. cor. of Block No. 5, which is also the SE. intersection of Phoenix and Hecla Streets.

From the alley stake in Block No. 8, on N. side of alley, at intersection of alley with Smelter Street,
West along N. side of alley, subdividing into 25 ft. lots.

350.0 Set stake on W. side of Block No. 8.
Thence across Dana Street.

400.0 Set a stake on E. side of Block No. 7.
Thence along N. side of alley, subdividing into 25 ft. lots.

650.0 Set a stake on W. side of Block No. 7.
Thence across Butte Street.

700.0 Set a stake on E. side of Block No. 6.
Thence along N. side of alley, subdividing into 25 ft. lots.

950.0 The point for cor. on W. side of Block No. 6 falls under building, where it cannot be established.
Thence across Calumet Street.

1000.0 Set a stake on E. side of Block No. 5.
Thence along N. side of alley, subdividing into 30 ft. lots.

1270.0 Set a stake on W. side of Block No. 5, at NE. cor. of intersection of alley with Hecla Street.

From the alley stake on Block No. 8, on S. side of alley, at intersection of alley with Smelter Street,
West along S. side of alley, subdividing into 25 ft. lots.

350.0 Set stake on W. side of Block No. 8.
Thence across Dana Street.

400.0 Set stake on E. side of Block No. 7.
Thence along S. side of alley, subdividing into 25 ft. lots.

650.0 The point for stake on W. side of Block No. 7 falls under building, where it cannot be established.
Thence across Butte Street.

700.0 Set stake on E. side of Block No. 6.
Thence along S. side of alley, subdividing into 25 ft. lots.

950.0 Set stake on W. side of Block No. 6.
Thence across Calumet Street.

1000.0 Set stake on E. side of Block No. 5.
Thence along S. side of alley, subdividing into 30 ft. lots.

1030.0 The point for stake falls under building, where it cannot be established.

1090.0 The point for stake falls under building, where it cannot be established.

1270.0 Set stake on W. side of Block No. 5, at SE. cor. of intersection of Alley with Hecla Street.

14. Survey of Subdivision of Placer Addition to Humboldt Townsite.

Feet.

- From the SE. cor. of Block No. 8, which is also the NW. intersection of Prescott and Smelter Streets, 24.63 ft. S.89°59'40"W. and 24.87 ft. N.0°7'E. of cor. No. 4, the SE. cor. of the Placer Addition to the townsite of Humboldt,
- West along N. side of Prescott Street, subdividing into 25 ft. lots.
- 350.0 Set post for SW. cor. of Block No. 8.
Thence across Dana Street.
- 400.0 Set post for SE. cor. of Block No. 7.
Thence along N. side of Prescott Street, subdividing into 25 ft. lots.
- 650.0 Set post for SW. cor. of Block No. 7.
Thence across Butte Street.
- 700.0 Set post for SE. cor. of Block No. 6.
Thence along N. side of Prescott Street, subdividing into 25 ft. lots.
- 850.0 The point for stake falls under building, where it cannot be established.
- 950.0 The point for SW. cor. of Block No. 6 falls under building, where it cannot be established.
Thence across Calumet Street.
- 1000.0 Set post for SE. cor. of Block No. 5.
Thence along N. side of Prescott Street, subdividing into 30 ft. lots.
- 1240.0 The point for stake falls under building, where it cannot be established.
- 1270.0 Set post for the SW. cor. of Block No. 5, which is also the NE. intersection of Prescott and Hecla Streets, and is 25.0 ft. N.89°59'40"E. and 25.0 ft. N.0°3½'E. of cor. No. 3, the SW. cor. of Placer Addition to the townsite of Humboldt.

GENERAL DESCRIPTION.

This Townsite addition lies on a ridge trending about N.70 E. and which is about 30 ft. higher than the drains on either side thereof, this ridge entering the townsite addition on the west at about 270 ft. north of the SW. cor. and leaving the addition on the north at about the middle thereof.

The ground was originally taken up as a placer claim, a large number of building lots sold under quit claim deed, but title to the placer claim was never perfected.

About 150 business and residence buildings, with an equal or greater number of outbuildings have been erected thereon. Average cost of the buildings is not over a few hundred dollars- probably in no case over \$400 and any of them can be readily moved to conform to the new street plan which could not well be arranged to fit existing conditions owing to the almost entire lack of plan by which the buildings were located.

~~CERTIFICATE OF UNITED STATES SURVEYOR~~

~~I, William B. Kimmel, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U.S. Surveyor General for Group 61, Arizona, bearing date of the 20th day of October, 1916, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the~~

~~SUBDIVISION LINES OF TOWNSHIP 13 NORTH, RANGE 1 EAST,~~

~~of the Gila and Salt River Basins and Meridian, in the State of Arizona, which are represented in the foregoing field notes, and by diagram on page 15 hereof as having been executed by me, and under my direction; and that all the corners of said retracement have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U.S. Surveyor General for Group 61, Arizona, and in the specific manner described in the field notes and that the foregoing are the original field notes of such retracement.~~

~~U. S. Surveyor~~

CERTIFICATE OF UNITED STATES SURVEYOR.

I, H. L. Baldwin, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 61, Arizona, bearing date of the 20th day of October, 1916, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the

SUBDIVISION LINES OF TOWNSHIP 13 NORTH, RANGE 1 EAST, and

Surveyed

All those parts or portions of the

PLACER ADDITION TO HUMBOLDT TOWNSITE in TOWNSHIP 13 NORTH, RANGE

1 EAST of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 15 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of retracement & said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 61, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement and survey.

Wichita Falls Texas Nov 22 1919 H.L. Baldwin

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 26, 1919

The foregoing field notes of the retracement of part of the Subdivision

lines of TOWNSHIP 13 NORTH, RANGE 1 EAST, and

survey of

PLACER ADDITION TO HUMBOLDT TOWNSITE IN T. 13 N., R. 1 E.,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William B. Kimmel, and H. L. Baldwin, U. S. Surveyors,

under special instructions dated Oct. 20, 1916, for Group 61, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank D. Frost

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.