

FEB 23 1920

4-679

BOOK 3311

BOOK 3311

# FIELD NOTES

## OF THE RESURVEY

OF

The Third Standard Parallel North, thru Part of R. 2 W.

and

Part of the Subdivision lines of T. 13 N. - R. 2 W.

## AND OF THE SURVEY

OF

Boundary of Fort Whipple Timber Reserve in

Secs. 33, 34 and 35 of T. 13 N., R. 2 W.

## AND OF THE RETRACEMENT

OF

The "Lost Chance" Patented Lode Mining Claim in

Secs. 34 and 35 of T. 13 N. - R. 2 W.

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

### EXECUTED BY

David W. Eaton, U.S. Transitman.

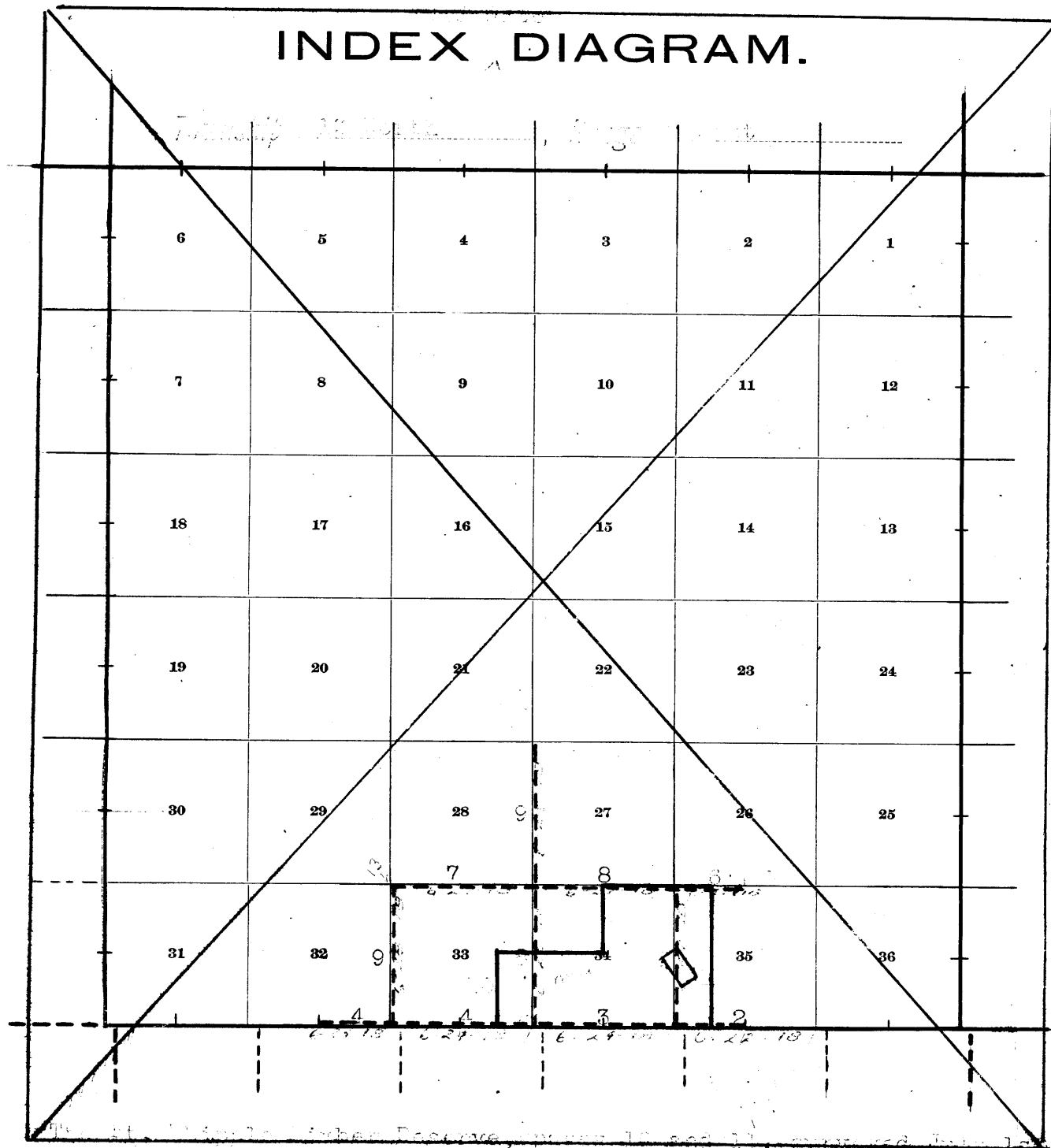
~~In the capacity of U. S. Surveyor~~, under Special Instructions dated February 1, 1918,  
issued by the United States Surveyor General to govern surveys included in Group

No. 88, which were approved by the Commissioner of the General Land  
Office, February 23, 1918, and Assignment Instructions dated June 4, 1918.

Resurvey, Survey and  
Retracement ~~Survey~~ commenced June 19, 1918

Resurvey, Survey and  
Retracement ~~Survey~~ completed July 8, 1918

# INDEX DIAGRAM.

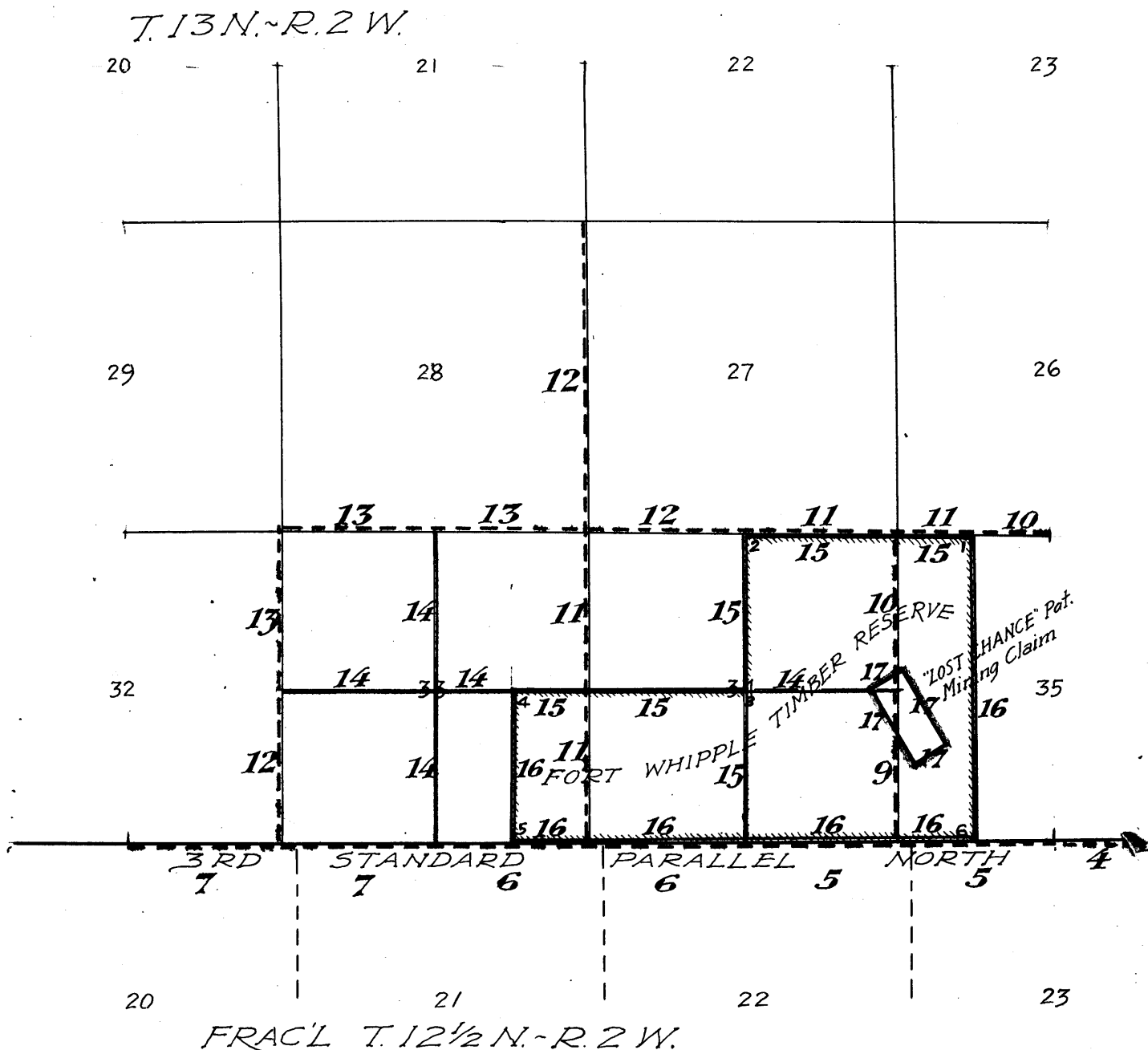


Plan of the Black Home, Fishers Reserve, pages 12 and 13, surveyed from 1916 to July 1st, 1916.

Section 2 of the West Street Lot, page 11, surveyed July 1st, 1916.

Resurvey of the Black Home, page 12, surveyed July 6th, 1916.

INDEX-DIAGRAM  
= Group 88 = Ariz.



———— Lines surveyed under this group. Notes herein.

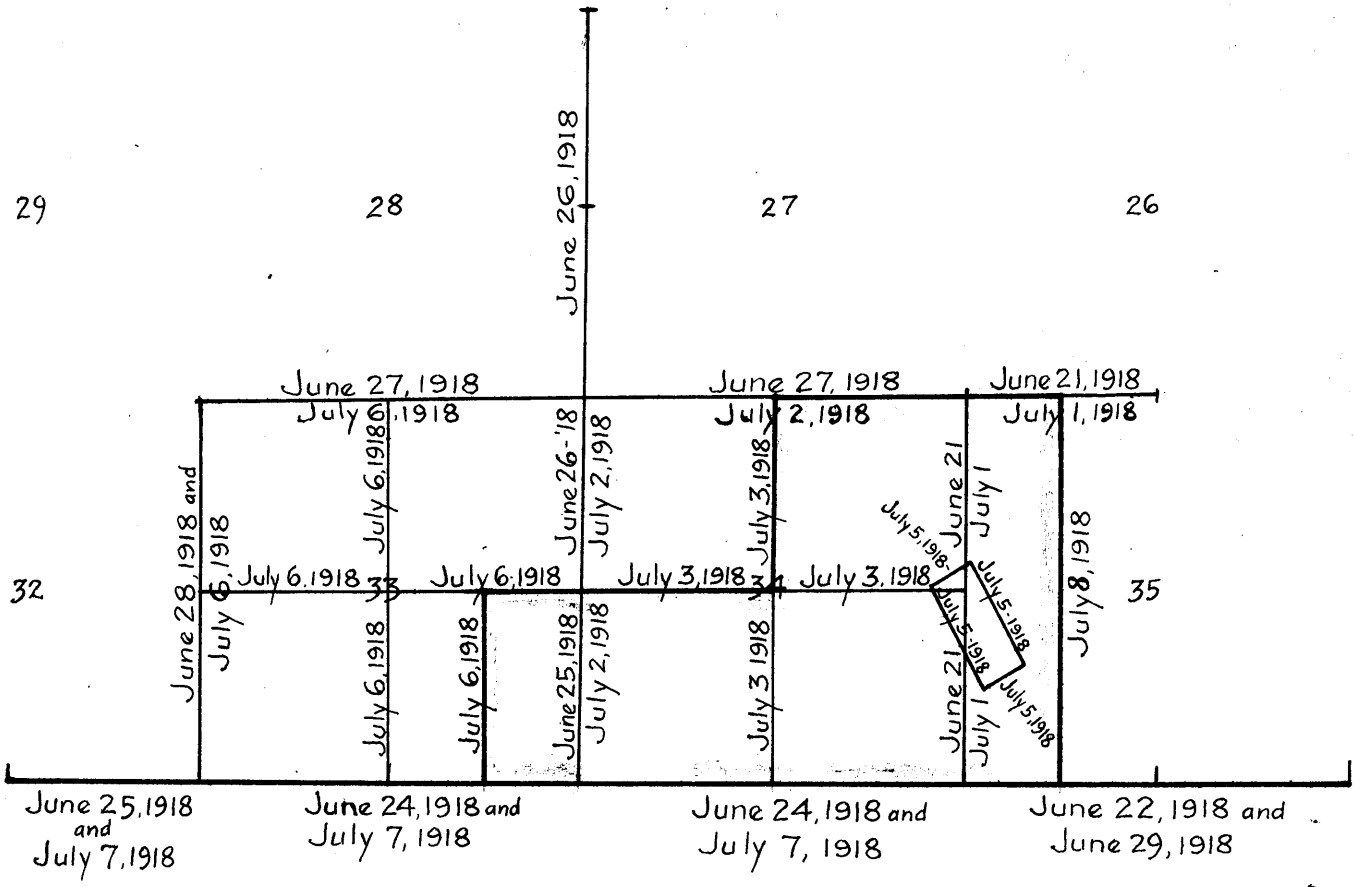
----- Lines resurveyed under this group. Notes herein.

———— Lines retraced under this group. Notes herein.

———— Accepted surveys.

----- Unsurveyed.

DATE ~ DIAGRAM.  
Group 88 ~ Arizona.



Above diagram shows dates of execution of the resurveys, retracements and surveys by David W. Eaton U.S. Transitman which are hereinafter described.

## Chains.

Resurvey, survey and retracement commenced June 19, 1918, and executed on dates shown on diagram on page 20 hereof by David W. Eaton, U.S. Transitman, using a Young & Sons' light mountain transit No. 8569, with solar attachment. The horizontal limb 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. Examine the adjustments of the transit, and correct all errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, proceed as follows:

June 19, 1918,

At a point 15 chs. N.  $60^{\circ}$  W. from the  $\frac{1}{4}$  sec. cor. of secs. 34 and 35, T. 13 N., R. 2 W.; latitude,  $34^{\circ}28'$  N.; longitude,  $112^{\circ}27\frac{1}{2}'$  W., at 1h. 48m. a.m., l.m.t., observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined by a tack in a stake driven firmly in the ground 5 chs. N. of instrument.

At 7h. 50m. a.m., l.m.t., lay off the azimuth of Polaris  $1^{\circ}20'$  to the W., and mark a point in the meridian thus determined by a tack in a stake driven firmly in the ground, 5 chs. N. of instrument.

At 8h. a.m., l.m.t., set off  $34^{\circ}28'$  on the latitude arc;  $23^{\circ}26'$  N. on the decl. arc, and determine a meridian with the solar, which agrees within  $0'30''$  of the Polaris meridian.

At 4h. p.m., l.m.t., set off  $34^{\circ}28'$  on lat. arc;  $23^{\circ}26\frac{1}{2}'$  N. on the decl. arc, and determine another meridian with the solar, which also falls within  $0'30''$  of the meridian determined by Polaris observation; therefore, conclude that the adjustments of the instrument are satisfactory.

All measurements were made with a Lallie 5 chain steel tape, compared with a Lufkin standard steel tape, and found correct. The measurements were made on the slope, and reduced to the horizontal equivalent for entry in the field notes, the slope angles being determined with a clinometer.

Resurvey--3rd. Standard Par. N., thru. part of Range 2 West.

RETRACEMENT for RESURVEY.

- From original standard cor. of secs. 35 and 36, T. 13 N., R. 2 W., hereinafter described,  
West, on random line, on S. bdy. of sec. 35 (E.  $\frac{1}{2}$ ).  
41.49 Fall 146 lks. S. of original standard  $\frac{1}{4}$  sec. cor. of sec. 35, hereinafter described.  
True course and dist. of E.  $\frac{1}{2}$  of S. bdy. of sec. 35 are therefore N.  $87^{\circ}59'$  W., 41.52 chs.  
Thence,  
West, on random line, on S. bdy. of sec. 35 (W.  $\frac{1}{2}$ ).  
41.26 Fall 12 lks. N. of original standard cor. of secs. 34 and 35, hereinafter described.  
True course and dist. of W.  $\frac{1}{2}$  of S. bdy. of sec. 35 are therefore S.  $89^{\circ}50'$  W., 41.26 chs.  
Thence,  
West, on random line, on S. bdy. of sec. 34.  
40.00 After diligent search in this vicinity, find a stone 18x12x6 ins., marked "SC $\frac{1}{4}$ " on one face, lying in a ditch, but as the original bearing trees could not be found, am unable to determine the point where the stone was originally set; therefore, continue line and measurement.

4 Resurvey--3rd. Std. Parallel North, thru. part of R. 2 West.

Chains.

Retracement for Resurvey-continued.

- 78.98 Fall 228 lks. S. of original standard cor. of secs. 33 and 34, hereinafter described.  
True course and dist. of S. bdy. of sec. 34 are therefore N. 88°21'W., 79.01 chs.  
Thence,  
West, on random line, on S. bdy. of sec. 33.
  - 40.00 Diligent search in this vicinity fails to reveal any trace of the original standard  $\frac{1}{4}$  sec. cor. of sec. 33. Set temp.  $\frac{1}{4}$  sec. cor., and continue line and measurement.
  - 80.00 Diligent search in this vicinity fails to reveal any trace of the original standard cor. of secs. 32 and 33. Set temp. sec. cor., and continue line and measurement, on S. bdy. of sec. 32 (E.  $\frac{1}{2}$ ).
  - 118.30 Fall 70 lks. S. of original standard  <sup>$\frac{1}{4}$  sec.</sup> cor. of sec. 32, hereinafter described.  
True course and dist. of Parallel from standard cor. of secs. 33 and 34 to this cor. are therefore N. 89°40'W., 118.30 chs., and in order to maintain the original proportion bet. cors., the following intervals will be required:  
E.  $\frac{1}{2}$  of S. bdy. of sec. 33, 39.44 chs.  
W.  $\frac{1}{2}$  of S. bdy. of sec. 33, 39.43 chs.  
E.  $\frac{1}{2}$  of S. bdy. of sec. 32, 39.43 chs.
- and such intervals are made in the resurvey hereinafter described.

RESURVEY.

The original standard cor. of secs. 35 and 36, T. 13 N., R. 2 W. is a stone, 16x12x6 ins., set firmly in a mound of stone, marked "SC" on N. face, with 1 groove on E. face, and 5 grooves on W. face, and witnessed by a white oak tree, 10 ins. in diam., N. 45°W., 27 lks. dist., marked "SC T13N R2W S35 BT," and a white oak tree, 10 ins. in diam., S. 52°W., 32 lks. dist., marked "SC BT."

Reestablish this cor. as follows:  
Alongside of old stone, and in same mound of stone, set an iron post, 3 ft. long, 2 ins. in diam., for reestablished standard cor. of secs. 35 and 36, marked on brass cap,

S C
T13N   R2W
S35   S36

1918

and establish additional bearing tree as follows:  
On a white oak, 8 in. in diam., bearing N. 3 $\frac{1}{2}$ °E., 26 lks. dist., marked "SC T13N R2W S36 BT."

From above described cor.,  
N. 87°59'W., on a true line, on S. bdy. of sec. 35 (E.  $\frac{1}{2}$ ).  
Over rolling land, draining W., thru. scattering timber and undergrowth.

- 41.52 Intersect the original standard  $\frac{1}{4}$  sec. cor. of sec. 35, which is a white oak tree, 8 ins. in diam., with mound of stone around base. No bearing trees. The marking on N. side of tree is nearly obliterated. Reestablish this cor. as follows:  
Alongside the tree, set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, supported by a mound of stone, for reestablished std.  <sup>$\frac{1}{4}$  sec.</sup> cor. of sec. 35, marked on brass cap,

SC
S 35

1918

Thence,  
S. 89° 50'W., on true line, on S. bdy. of sec. 35 (W.  $\frac{1}{2}$ ).  
Over rolling land, thru. scattering timber and undergrowth.

Chains.

14.26 State Highway, brs. N. to Prescott and S. to Phoenix.  
 20.63 (Midpoint bet.  $\frac{1}{4}$  sec. cor. and sec. cor.), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for standard W.  $1/16$  sec. cor. of sec. 35, and for Cor. No. 6 (SE. cor.) of the Fort Whipple Timber Reserve, marked on brass cap,

S	C
FWTR	W 1/16
No. 6	S35

1918

and establish bearing trees as follows:

- On a black oak, 14 ins. in diam., N.  $23\frac{1}{2}^{\circ}$  E., 125 lks. dist., mark "SC W1/16 S35 BT." and
- On a pine, 10 ins. in diam., N.  $14^{\circ}$  W., 47 lks. dist., mark "FWTR No. 6 B T."

From this cor., the NE. cor. (No. 6) of the "Black Horse" patented lode claim, Mineral Survey No. 914, Hassayampa Mineral District, brs. S.  $25^{\circ}$  W., 2.60 chs. dist., and U.S. M.M. No. 3 bears S.  $10^{\circ} 36'$  E., 9.30 chs. dist.

Continue line and measurement on 3rd Standard Parallel North, identical with S. line of bdy. of the Fort Whipple Timber Reserve.

22.00 Dim road, brs. N. and S.  
 31.36 Road brs. N. to Prescott and S. to "Big Pine" mine.  
 41.26 Intersect the original std. cor. of secs. 34 and 35, which is a stone 6x6x6 ins. above ground, firmly set, marked "SC" on N. face, with 2 grooves on E. face, and 4 grooves on W. face, and witnessed as follows:

- A pine, 22 ins. in diam., brs. S.  $50\frac{1}{2}^{\circ}$  W., 38 lks. dist., marked "SC BT."
- A white oak, 18 ins. in diam., brs. N.  $37^{\circ}$  W., 41 lks. dist., marked "SCT13N R2W S34 BT.", and
- A pine, 22 ins. in diam., brs. S.  $35\frac{1}{2}^{\circ}$  E., 52 lks. dist., marked "SC BT."

Reestablish this cor. as follows:  
 Alongside the original stone, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 34 and 35, marked on brass cap,

T13N	R2	W	
F	W	T	R
S	C		
S34	S35		

1918

and establish additional bearing trees as follows:

- On a white oak, 8 ins. diam. bearing N.  $51^{\circ}$  E., 55 lks. dist., mark "SCT13N R2W S35 BT."
- On a pine, 14 ins. in diam., bearing S.  $12^{\circ}$  E., 27 lks. dist., mark "SC BT." and
- On a black jack, 16 ins. in diam., bearing S.  $89\frac{1}{4}^{\circ}$  W., 94 lks. dist., mark "SCBT."

Land, rolling.  
 Soil, rocky, 3rd and 4th rate.  
 Timber, scattering pine and oak.  
 Undergrowth, scattering scrub oak.  
 Fair grass.

N.  $88^{\circ} 21'$  W., on true line, on S. bdy. of sec. 34, and S. line of bdy. of Fort Whipple Timber Reserve.  
 Over rolling land, descending gradually thru scattering timber and undergrowth.

2.63 Wash, course S., heads a short distance N. of line.  
 31.13 Wire fence brs. N. and S. at a point 2.00 chs. N. from SE. cor. thereof.

Chains.

39.51 (Midpoint) Reestablish the standard  $\frac{1}{4}$  sec. cor. of sec. 34, as follows:

Set a stone, 18x12x6 ins., 12 ins. in the ground, marked "SC  $\frac{1}{4}$ " on N. face. (This is a resetting of the original stone, which was found nearby, as hereinbefore described).

Alongside the stone, set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap,

F W T R

S C

$\frac{1}{4}$  S 34

1918

and establish bearing trees to cor. as follows:

On a maple, 12 ins. in diam., bearing N. 6° E., 26 lks. dist., marked "SC  $\frac{1}{4}$  S 34 FWTR BT.", and

On a walnut, 12 ins. in diam., bearing S. 27 $\frac{1}{2}$ ° W., 80 lks. dist., marked "SC  $\frac{1}{4}$  BT."

52.01 Wire fence, brs. N. and S. at a point 10 lks. N. from SW. cor. thereof.

79.01 Intersect the original standard cor. of secs. 33 and 34, which is a granite boulder, 4x4x3 ft. above ground, marked with a cross (x) on top, "SC" on N. face, and 3 grooves on each of E and W. faces, and witnessed by a white oak, 10 ins. in diam., bearing N. 52° W., 17 lks. dist., marked "SC T13N R2W S33 BT."

Mark "FWTR" on N. face of boulder.

Land, rolling.

Soil, rocky, 3rd and 4th rate.

Timber, scattering pine, oak, walnut and maple.

Undergrowth, scattering scrub oak.

Fair grass.

N. 89° 40' W., on true line, on S. bdy. of sec. 33, and S. line of Fort Whipple Timber Reserve.

Over rolling land, draining W., thru. scattering timber and undergrowth.

1.11 Wash, course NW.

12.61 Bend in Wolf Creek (dry), 20 lks. wide, course NW. from NE.

19.72 (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in this ground for std. E.  $\frac{1}{16}$  sec. cor. of sec. 33 and for cor. No. 5 (SW. cor.) of Fort Whipple Timber Reserve, marked on brass cap,

S C  
E.  $\frac{1}{16}$  | FWTR  
S33 | No. 5

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, NE. of cor.

Leave S. line of Fort Whipple Timber Reserve Bdy.

36.80 Road brs. N. and S.

39.144 (Midpoint of S. bdy. of sec. 33), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 33, marked on brass cap,

S C  
 $\frac{1}{4}$  S 33

1918

and raise a mound of stone, 1 $\frac{1}{2}$  ft. high, 2 ft. base, N. of cor.

48.00 Enter dry bed of Hassayampa Creek, 30 lks. wide, course W. from SE. Thence down creek bed.

58.00 Leave Hassayampa Creek, course NW. from E. Ascend.

75.00 Spur, slopes NW. Descend.



Resurvey--3rd Standard Par North thru part of Range 2 West.

7

Chains.  
78.87

(Proportional dist.), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 32 and 33, marked on brass cap,

T13N R2 W.  
S C  
s32 | s33

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Land, rolling.

Soil, rocky, 3rd and 4th rate.

Timber, scattering pine and oak.

Fair grass.

N. 89° 40' W., on true line, on S. bdy. of sec. 32 (E.  $\frac{1}{2}$ )  
Over rolling land, thru scattering timber and undergrowth.  
5.13 Road brs. N. and S.  
28.63 Hassayampa Creek (dry) 30 lks. wide, course SW.  
37.43 Hassayampa Creek (dry) 30 lks. wide, course NW.  
39.43 Intersect the original standard  $\frac{1}{4}$  sec. cor. of sec. 32, which is a stone 12x12x10 ins. firmly set in a mound of stone, marked "SC  $\frac{1}{4}$ " on N. face. No accessories.  
Reestablish this cor. as follows:  
Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 32, marked on brass cap,

S C  
 $\frac{1}{4}$  S 32  
1918

and establish bearing trees to cor. as follows:

On a white oak, 10 ins. in diam., bearing N. 26° E.,  
68 lks. dist., marked "SC  $\frac{1}{4}$  S32 BT." and  
On a pine, 12 ins. in diam., bearing S. 33 $\frac{1}{2}$ ° E.,  
10 lks. dist., marked "SC  $\frac{1}{4}$  BT."

Land, rolling.

Soil, rocky, 4th rate.

Timber, scattering oak and pine.

Undergrowth, scattering scrub oak.

Fair grass.

## 8. Resurvey of Part of Subdivision lines of T. 13 N., R. 2 W.

Chains.

RETRACEMENT FOR RESURVEY.

From original standard cor. of secs. 34 and 35 on S. bdy. of Tp. (3rd. Standard Parallel Parallel N.) hereinbefore described,

North, on random line, bet. secs. 34 and 35.

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.

82.10 Fall 250 lks. W. of original cor. of secs. 26, 27, 34 and 35, hereinafter described.

True course and dist. of line bet. secs. 34 and 35 are therefore N.  $1^{\circ} 45' E.$ , 82.14 chs.

-----  
Thence,

East, on random line, bet. secs. 26 and 35 (W.  $\frac{1}{2}$ ).

39.08 Fall 119 lks. N. of original  $\frac{1}{4}$  sec. cor. of secs. 26 and 35, hereinafter described.

True course and dist. of W.  $\frac{1}{2}$  of line bet. secs. 26 and 35 are therefore N.  $88^{\circ} 15' W.$ , 39.10 chs.

-----  
From original cor. of secs. 26, 27, 34 and 35,

West, on random line, bet. secs. 27 and 34.

40.00 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.

80.00 Diligent search in this vicinity fails to reveal any trace of original cor. of secs. 27, 28, 33 and 34. Set temp. sec. cor.

Continue line and measurement bet. secs. 28 and 33 (E.  $\frac{1}{2}$ ).

119.56 Fall 199 lks. S. of original  $\frac{1}{4}$  sec. cor. of secs. 28 and 33 hereinafter described. True course of line to this cor. is therefore N.  $89^{\circ} 03' W.$

Thence S.  $89^{\circ} 03' E.$ , on trial E. and W. line, adjusting positions of the temp. cors. to points on said line necessary to maintain the original proportion between intervals.

-----  
From original  $\frac{1}{4}$  sec. cor. of secs. 28 and 33,

West, on random line, bet. secs. 28 and 33 (W.  $\frac{1}{2}$ ).

39.78 Fall 10 lks. N. of original cor. of secs. 28, 29, 32 and 33, hereinafter described.

True course and dist. of W.  $\frac{1}{2}$  of line, bet. secs. 28 and 33, are therefore, S.  $89^{\circ} 51' W.$ , 39.78 chs.

-----  
Thence,

South, on random line bet. secs. 32 and 33 (N.  $\frac{1}{2}$ )

40.60 Fall 44 lks. E. of original  $\frac{1}{4}$  sec. cor. of secs. 32 and 33, hereinafter described.

True course and dist. of N.  $\frac{1}{2}$  of line bet. secs. 32 and 33 are therefore, N.  $0^{\circ} 38' E.$ , 40.60 chs.

Thence

South, on random line, bet. secs. 32 and 33 (S.  $\frac{1}{2}$ )

40.52 Fall 44 lks. E. of reestablished std. cor. of secs. 32 and 33 on S. bdy. of Tp. (3rd. Std. Parallel N.) hereinbefore described.

True course and dist. of S.  $\frac{1}{2}$  of line bet. secs. 32 and 33 are therefore N.  $0^{\circ} 38' E.$ , 40.52 chs.

-----  
From original standard cor. of secs. 33 and 34, hereinbefore described,

North, on random line, bet. secs. 33 and 34.

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. 27, 28, 33 and 34.

Continue line and measurement bet. secs. 27 and 28.

81.06 A point 171 lks. W. of adjusted temp. cor. of secs. 27, 28, 33 and 34, previously set on trial E. and W. line at

Resurvey of part of Subdivision lines of T. 13 N., R. 2 W. 9

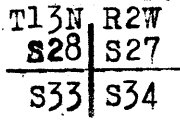
Chains.

Retracement for Resurvey--continued.

39.89 chs., S.89° 03' E. from the original 1/4 sec.cor. of secs. 28 and 33.  
 120.00 Diligent search in this vicinity fails to reveal any trace of original 1/4 sec.cor. of secs. 27 and 28.  
 163.48 Fall 324 lks. W. of original cor. of secs. 21, 22, 27 and 28, hereinafter described.

True course of line to this cor. is therefore N. 1° 8' E. Thence S. 1° 8' W., on trial N. and S. line, adjusting positions of temp. cors. to points on said line necessary to maintain the original proportion between intervals. The adjusted position of the temp. cor. of secs. 27, 28, 33 and 34 is 81.75 chs. S. 1° 8' W. from the cor. of secs. 21, 22, 27 and 28, and is 9 lks. W., and 70 lks. N. of the adjusted temp. cor. of secs. 27, 28, 33 and 34 set on trial E. and W. line at 39.89 chs., S. 89° 03' E. from the 1/4 sec. cor. of secs. 28 and 33; therefore, at a point 9 lks. E. from adjusted temp. cor. of secs. 27, 28, 33 and 34 on trial N. and S. line, and 70 lks. N. of adjusted temp. cor. of said secs. on trial E. and W. line, reestablish the missing sec. cor., as follows:

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 27, 28, 33 and 34, marked on brass cap,



1918

and establish bearing trees to cor. as follows:

- On a pine, 12 ins. in diam., bearing N. 32° E., 74 lks. dist., mark "T13N R2W S27BT."
- On a pine, 20 ins. in diam., bearing S. 34° E., 23 lks. dist., mark "T13N R2W S34BT."
- On a pine, 12 ins. in diam., bearing S. 15° W., 37 lks. dist., mark "T13N R2W S33BT," and
- On a pine, 10 ins. in diam., bearing N. 34° W., 59 lks. dist., mark "T13N R2W S28 BT."

The true courses and distances of sec. lines resulting from the reestablishment of the above described cor. are as follows:

- Bet. secs. 27 and 28, N. 1° 4' E., 81.75 chs.
- Bet. secs. 27 and 34, N. 88° 33' W., 79.70 chs.
- Bet. secs. 33 and 34, N. 1° 12' E., 81.76 chs., and
- E. 1/8 bet. secs. 28 and 33, S. 89° 56' W., 39.89 chs.

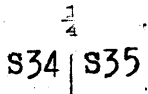
and such courses and dists. are used in the resurvey of the lines as hereinafter described.

RESURVEY.

From reestablished standard cor. of secs. 34 and 35, on S. bdy. of Tp., (3rd. Std. Parallel North), hereinbefore described,

N. 1° 45' E., on true line, bet. secs. 34 and 35. Over rolling land, thru dense timber and undergrowth, thru Fort Whipple Timber Reserve.

19.30 Wolf Creek, (dry) 20 lks. wide, course W.  
 41.07 (Midpoint), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 34 and 35, marked on brass cap,



1918

and establish bearing trees as follows:

Chains.

RESURVEY-continued.

On a white oak, 10 ins. in diam., bearing N. 76° E.  
27 lks. dist., mark "1/4 S35 BT," and  
On a pine, 10 ins. in diam., bearing S. 74° W., 71  
lks. dist., mark "1/4 S34 BT."

52.00  
82.14

Road brs. E and W.  
Intersect the original cor. of secs. 26, 27, 34 and 35, on  
N. line of bdy. of Fort Whipple Timber Reserve, which  
is a stone, 8x8x6 ins., above ground, firmly set, marked  
with 1 notch on S. edge, and 2 notches on E. edge, and  
witnessed as follows:

A white oak, 14 ins. in diam., bearing S., 78° E.,  
53 lks. dist., marked "T13N R2W S35 BT."  
Stump of pine, 32 ins. in diam., bearing N. 59° W.,  
56 lks. dist., marked "T13NR2W S27 BT." and  
Stump of white oak, 16 ins. in diam., bearing S.  
46° W., 67 lks. dist., marked "T13N R2W S34 BT."

Reestablish this cor. as follows:

Alongside old stone, set an iron post, 3 ft. long, 2 ins.  
in diam., 24 ins. in the ground, for reestablished cor.  
of secs. 26, 27, 34 and 35, marked on brass cap,

T13N R2W	
S27	S26
S34	S35
FWTR	
1918	

and establish additional bearing trees to cor. as fol-  
lows:

On a white oak, 12 ins. diam., N. 57° E., 67 lks.  
dist., mark "T13N R2W S26 BT."  
On a white oak, 12 ins. diam., S. 80 1/2° W., 80 lks.  
dist., mark "T13N R2W S34 FWTR BT" and  
On a pine, 10 ins. in diam., N. 13° W., 26 lks.  
dist., mark "T13N R2W S27 BT."

and add marking "FWTR" on original SE. bearing tree and  
on stump of original SW. bearing tree.

Land, rolling.  
Soil, sandy and rocky, 3rd and 4th rate.  
Timber, dense oak and pine.  
Undergrowth, dense scrub oak.  
No grass...

The original 1/4 sec. cor. of secs. 26 and 35 is a stone  
8x8x6 ins. above ground, firmly set, marked "1" on N.  
face, and witnessed by a pine, 10 ins. in diam., S. 20°  
W., 22 lks. dist., marked "1/4 S35 BT."

Reestablish this cor. as follows:

Alongside old stone, set an iron post, 3 ft. long, 1 in.  
in diam., 20 ins. in the ground, supported by a mound  
of stone for reestablished 1/4 sec. cor. of secs. 26 and 35,  
marked on brass cap,

1/4 S 26	
1/4 S 35	
1928	

and establish additional bearing trees to cor. as fol-  
lows:

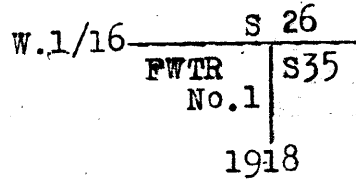
On a pine, 12 ins. in diam., N. 31° E., 17 lks. dist.  
mark "1/4 S26 BT." and  
On a pine, 18 ins. in diam., S. 58° E., 15 lks.  
dist., mark "1/4 S 35 BT."

Thence  
N. 88° 15' W., on true line, bet. secs. 26 and 35 (W. 1/4).  
Over rolling land, thru dense timber and undergrowth.

Chains.

Resurvey--continued.

12.10 State highway brs. N. to Prescott and S. to Phoenix.  
 19.55 (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for W.1/16 sec. cor. of secs. 26 and 35, and for Cor. No.1 (NE.cor.) of the Fort Whipple Timber Reserve, marked on brass cap,



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

Continue line and measurement on sec. line, and N. line of bdy. of Fort Whipple Timber Reserve.

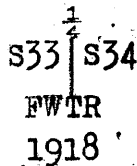
39.10 Intersect the reestablished cor. of secs. 26, 27, 34 and 35 hereinbefore described.

Land, rolling.  
 Soil, sandy and rocky, 3rd and 4th rate.  
 Timber, dense pine and oak.  
 Undergrowth, dense scrub oak.  
 No grass.

From original standard cor. of secs. 33 and 34 on S. bdy. of Tp. (3rd. Std. Par. N.) and S. line of Fort Whipple Reserve, hereinbefore described,

N. 1° 12' E., on true line, bet. secs. 33 and 34, thru. Fort Whipple Timber Reserve, over rolling land, thru. dense timber and undergrowth. Descend on N. slope to

11.00 Wolf Creek (dry) 20 lks. wide, course SW. Ascend.  
 40.88 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished 1/4 sec. cor. of secs. 33 and 34, marked on brass cap,



and on a juniper, 36 ins. in diam., N. 12° E., 82 lks. dist., mark "1/4 S34 BT;" and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

This cor. is on part of N. line (3-4) of bdy. of Fort Whipple Timber Reserve.

Leave Fort Whipple Timber Reserve.

81.76 Intersect cor. of secs. 27, 28, 33 and 34, reestablished by double proportion as hereinbefore described in notes of retracement.

Land, rolling.  
 Soil, gravelly, 3rd rate.  
 Timber, dense oak and pine.  
 Undergrowth, dense scrub oak. No grass.

From reestablished cor. of secs. 26, 27, 34 and 35, hereinbefore described,

N. 88° 33' W., on true line, bet. secs. 27 and 34, on part of N. line (1-2) of bdy. of Fort Whipple Timber Reserve.

Over rolling land, thru. dense timber, and undergrowth.

24.80 Wash, course N.  
 39.85 (Proportional dist.) Set an iron post, 3 ft long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 27 and 34, and for cor. No. 2 of Fort Whipple Timber Reserve, marked on brass cap,

Chains.

$\frac{1}{4}$	S 27	
	S 34	FWTR
		No.2
	1918	

and establish bearing trees to cor. as follows:

On a pine, 10 ins. in diam., N. 51° E., 16 lks. dist., mark " $\frac{1}{4}$ S27 BT," and

On a pine, 10 ins. in diam., S. 19° W., 37 lks. dist., mark " $\frac{1}{4}$ S34 BT."

Leave bdy. of Fort Whipple Timber Reserve.

45.00 Wash, course N.

51.00 Road brs. N. and S.

54.00 Wash, course N.

62.80 Wash, course N.

79.70 Intersect reestablished cor. of secs. 27, 28, 33 and 34, hereinbefore described.

Land, rolling.

Soil, sandy and rocky, 3rd and 4th rate.

Timber, dense oak and pine.

Undergrowth, dense scrub oak.

No grass.

N. 1° 4' E., on true line, bet. secs. 27 and 28.

Over rolling land, thru dense timber and undergrowth.

28.00 Groom Creek, (dry) 80 lks. wide, course west.

36.36 Old fence, brs. E and W.

40.87 (Proportional dist.) Point for reestablishment of the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28. No cor. set. Ascend over hills.

81.75 On E. slope of bald hill, intersect original cor. of secs. 21, 22, 27 and 28, which is a stone, 18x12x10 ins., firmly set in a mound of stone, marked with 2 notches on S. edge, and 3 notches on E. edge. No accessories.

Establish bearing trees to this cor., as follows:

On a pine, 10 ins. in diam., S. 80° E., 39 lks. dist., mark "T13NR2W S27BT," and

On a juniper, 10 ins. in diam., S. 88° W., 38 lks. dist., mark "T13N R2W S28 BT."

Land, rolling and hilly.

Soil, gravelly, rocky, 3rd and 4th rate.

Timber, dense pine and oak.

Undergrowth, dense scrub oak.

No grass.

From reestablished standard cor. of secs. 32 and 33, on S. bdy. of Tp. (3rd. Standard Parallel North), hereinbefore described,

N. 0° 38' E., on true line, bet. secs. 32 and 33 (S.  $\frac{1}{2}$ ).

Over rolling land, thru dense timber and undergrowth. Desc.

13.00 Hassayampa Creek (dry) 50 lks. wide, course SW. Ascend.

27.00 Ridge, brs. NE. and SW, Descend.

40.52 Intersect remains of original  $\frac{1}{4}$  sec. cor. of secs. 32 and 33, which is a mound of stone. The original marked stone could not be found, nor either of the two original bearing trees, but as the position of the mound agrees with existing adjacent cors. accept it as marking the previous location of the  $\frac{1}{4}$  sec. cor., reestablish the cor. as follows:

In center of the old mound of stone, set a granite stone 16x8x8 ins., 12 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 32 and 33, marked " $\frac{1}{4}$ " on W. face, and establish bearing trees to cor. as follows:

On a white oak, 10 ins. in diam., S. 48° E., 14 lks. dist., mark " $\frac{1}{4}$ " S 33 BT," and

On a white oak, 8 ins. in diam., N. 12° W., 21 lks. dist., mark " $\frac{1}{4}$ S 32 BT."

Thence,

Resurvey of part of Subdivision lines of T.13 N., R. 2 West. 13.

Chains.

1.68 N.0°38'E., on true line, bet. secs. 32 and 33 (N.  $\frac{1}{2}$ )  
 Over rolling land, thru dense timber and undergrowth.  
 Bend in Groom Creek, 50 lks. wide, course NW. from NE.  
 Ascend.

40.60 Intersect a mound of stone. Diligent search in this vicinity fails to reveal any trace of the tree described by the surveyor as marked for cor. of secs. 28, 29, 32 and 33; therefore, accept the mound as marking the original cor. point, and witness same as follows:  
 On a pine, 10 ins. in diam., N.40°E., 12 lks. dist. mark "T13N R2W S28 BT."  
 On a white oak, 8 ins. in diam., S.45°E., 10 lks. dist. dist., mark "T13N R2W S33 BT."  
 On a pine, 8 ins. in diam., S.60°W., 22 lks. dist., mark "T13N R2W S32 BT.", and  
 On a pine, 8 ins. in diam., N.42° W., 41 lks. dist., mark "T13N R2W S29 BT."

Land, rolling.  
 Soil, rocky, 4th rate.  
 Timber, dense oak and pine.  
 Undergrowth, dense scrub oak.  
 No grass.

From reestablished cor. of secs. 27, 28, 33 and 34, herein before described,  
 S. 89°56'W., on true line, bet. secs. 28 and 33 (E.  $\frac{1}{2}$ ).  
 Over rolling land, thru dense timber and undergrowth.

2.83 Wash, course N.  
 39.89 Intersect original  $\frac{1}{2}$  sec. cor. of secs 28 and 33, which is a stone, 12x10x 8 ins., firmly set in a mound of stone, marked " $\frac{1}{2}$ " on N. face. No accessories. Establish bearing trees to this cor. as follows:  
 On a white oak, 10 ins. in diam., bearing north, 7 lks. dist., mark " $\frac{1}{2}$  S28 BT." and  
 On a pine, 6 ins. in diam., bearing south 6 lks. dist., mark " $\frac{1}{2}$  S33 BT."

This cor. is on S. bank of Groom Creek about 30 ft. above bottom of creek.

Thence,  
 S. 89° 51' W., on true line, bet. secs. 28 and 33 (W.  $\frac{1}{2}$ ).  
 Over rolling land, thru dense timber and undergrowth. Descend.

3.60 Groom Creek (dry) 30 lks. wide, course S.70°W.  
 5.00 Point on line from which group of huts (4) bears south 3 chs. dist.

31.60 Wash, course S. Ascend.  
 39.78 Intersect reestablished cor. of secs. 28, 29, 32 and 33, herein before described.

Land, rolling.  
 Soil, sandy and rocky, 3rd and 4th rate.  
 Timber, dense pine and oak. Undergrowth, dense scrub oak.  
 No grass.

Chains.

SEC. 33.

- From reestablished  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, hereinbefore described,  
N.  $89^{\circ}40'W.$ , (parallel to south bdy. of sec.) on random E. and  
W. center line of sec. 33.
- 79.28 Fall 23 lks. N. of reestablished  $\frac{1}{4}$  sec. cor. of secs. 32 and  
33, hereinbefore described.
- Thence,  
S.  $89^{\circ}50'E.$ , on true E. and W. center line of sec. 33 (W.  $\frac{1}{2}$ )  
39.64 (Midpoint), set stake for temp. center cor. of sec. 33.
- 
- From reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 33 on S. bdy.  
of Tp. (3rd. Standard Parallel N.) hereinbefore described,  
N.  $1^{\circ}12'E.$ , (parallel to E. bdy. of sec.) on random N. and  
S. center line of sec. 33.
- 81.46 Fall 61 lks. E. of reestablished  $\frac{1}{4}$  sec. cor. of secs. 28<sup>and 33</sup> here-  
inbefore described.
- Thence,  
S.  $0^{\circ}46'W.$ , on true N. and S. center line of sec. 33 (N.  $\frac{1}{2}$ ).  
40.82 Intersect true E. and W. center line of sec. 33 at 8 lks.  
W. from the temp. center cor. set thereon. Remove the temp.  
center cor. and at point of intersection, set stake to mark  
position of true center cor.
- Thence,  
S.  $0^{\circ}46'W.$ , on true N. and S. center line of sec. 33 (S.  $\frac{1}{2}$ ).  
40.64 Intersect reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 33 on  
S. bdy. of Tp. (3rd. Std. Parallel N.) hereinbefore de-  
scribed.
- The true center cor. of sec. 33 being set at 8 lks. W. from  
the temp. center cor., which was set at 39.64 chs. N.  $89^{\circ}$   
50' W. From reestablished  $\frac{1}{4}$  sec. cor. of secs. 33 and 34,  
the true course and dist. of E.  $\frac{1}{2}$  of E. and W. center  
line of sec. 33 are therefore S.  $89^{\circ}50'E.$ , 39.72 chs.
- From true center cor. of sec. 33,  
S.  $89^{\circ}50'E.$ , on true E. and W. center line of sec. 33 (E.  $\frac{1}{2}$ ).  
19.86 (Midpoint) Set an iron post, 3 ft. long, 2 ins. in diam.,  
24 ins. in the ground for E.  $\frac{1}{16}$  sec. cor. of sec. 33,  
and for cor. No. 4, of Fort Whipple Timber Reserve,  
marked on brass cap;

E. 1/16 S33

FWTR  
No. 4

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S.E.  
of cor.

- Continue line and measurement,  
39.72 Intersect reestablished  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, here-  
inbefore described.

SEC. 34.

- From reestablished  $\frac{1}{4}$  sec. cor. of secs. 33 and 34,  
S.  $88^{\circ}21'E.$ , (parallel to S. bdy. of sec.) on random E. and  
W. line of sec. 34.
- 79.36 Fall 13 lks. S. of reestablished  $\frac{1}{4}$  sec. cor. of secs. 34 and  
35, hereinbefore described.
- Thence,  
N.  $88^{\circ}27'W.$  on true E. and W. center line of sec. 34 (E.  $\frac{1}{2}$ ).  
39.68 (Midpoint), set stake for temp. center cor. of sec. 34.

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From reestablished standard  $\frac{1}{4}$  sec. of sec. 34, on S. bdy. of  
Tp. (3rd. Std. Par. N.) hereinbefore described,  
N.  $1^{\circ}45'E.$ , (parallel to E. bdy. of sec.) on random N. and S.



Subdivision of secs. 33 and 34 (Preliminary to survey of Fort Whipple Timber Reserve).

- Chains.
- 81.94 center line of sec. 34.  
Fall 40 lks. E. of reestablished  $\frac{1}{4}$  sec. cor. of secs. 27 and 34, hereinbefore described.
  - Thence,  
S. 1° 28' W., on true N. and S. center line of sec. 34 (N.  $\frac{1}{2}$ ).
  - 40.97 Intersect the temp. center cor. set on true E. and W. center line as hereinbefore described, at which point, set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for center  $\frac{1}{4}$  sec. cor. of sec. 34, and for cor. No. 3 of Fort Whipple Timber Reserve Bdy., marked on brass cap,
- S34  
C  $\frac{1}{4}$  | No. 3  
FWTR  
1918
- and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, SE. of cor.
  - Thence,  
S. 1° 28' W., on true N. and S. center line of sec. 34 (S.  $\frac{1}{2}$ ) thru Fort Whipple Timber Reserve.
  - 40.97 Intersect the reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 34 on S. bdy. of Tp. (3rd. Standard Parallel North) and S. line of bdy. of Fort Whipple Timber Reserve, hereinbefore described.

Survey of bdy. of FORT WHIPPLE TIMBER RESERVE.

- From cor. No. 1 (NE. cor.) of Fort Whipple Timber Reserve, identical with W. 1/16 sec. cor. of secs. 26 and 35, hereinbefore described,
- N. 88° 15' W., on true line, on part of N. line (1-2) of Fort Whipple Timber Reserve bdy., identical with sec. line. Topography hereinbefore described.
- 19.55 Intersect reestablished cor. of secs. 26, 27, 34 and 35, hereinbefore described.
- Thence,  
N. 88° 33' W., on true line, on part of N. line (1-2) of Fort Whipple Timber Reserve bdy., identical with sec. line. Topography hereinbefore described.
- 39.85 Intersect cor. No. 2 of Reserve Bdy., identical with reestablished  $\frac{1}{4}$  sec. cor. of secs. 27 and 34, hereinbefore described.
- Thence,  
S. 1° 28' W., on true line, on part of W. line (2-3) of Fort Whipple Timber Reserve bdy., identical with true N. and S. center line of sec. 34.
- Over rolling land, thru dense timber and undergrowth. Ascend gradual N. slope.
- 29.95 Road brs. E. and W.
- 40.97 On top of ascent, bearing E. and W., Intersect cor. No. 3 of Reserve bdy., identical with center  $\frac{1}{4}$  sec. cor. of sec. 34, hereinbefore described.
- Thence,  
N. 88° 27' W., on true line, on part of N. line (3-4) of Fort Whipple Timber Reserve bdy., identical with true E. and W. center line of sec. 34.
- Over rolling land, thru dense timber and undergrowth. On divide bearing E. and W.
- 39.68 Intersect reestablished  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, hereinbefore described.
- Thence,  
N. 89° 50' W., on true line, on part of N. line (3-4) of Fort Whipple Timber Reserve bdy., identical with true E. and W. center line of sec. 33.
- Over rolling land, thru dense timber and undergrowth. Descend.
- 19.86 Intersect cor. No. 4 of Reserve Bdy., identical with E. 1/16

Chains.

- sec.cor. of sec.33, hereinbefore described.  
 Thence,  
 S.0° 59' W., on true line on part of W. line (4-5) of  
 Fort Whipple Timber Reserve bdy., identical with N. and  
 S. 1/16 sec.line, thru.S.E.¼ of sec.33.  
 Over rolling land, thru.dense timber and undergrowth.  
 Descend.
- 40.76 Intersect cor.No.5 (SW.cor.) of Reserve bdy., identical  
 with standard E. 1/16 sec.cor. of sec.33 on S.bdy. of  
 Tp. (3rd.Std. Par. N.) hereinbefore described.  
 Thence,  
 S.89° 40'E., on true line, on S. line (5-6) of Fort Whip-  
 ple Timber Reserve bdy., identical with 3rd.Standard Par-  
 allel North, south of sec.33.  
 Topography hereinbefore described.
- 19.72 Intersect original standard cor. of secs. 33 and 34, here-  
 inbefore described.  
 Thence,  
 S.88° 21'E., on true line, on S. line (5-6) of Fort Whip-  
 ple Timber Reserve bdy., identical with 3rd.Standard  
 Parallel North, south of sec.34.  
 Topography hereinbefore described.
- 39.50 Intersect reestablished std.¼ sec.cor. of sec.34, herein-  
 before described.
- 79.01 Intersect reestablished standard cor. of secs.34 and 35,  
 hereinbefore described.  
 Thence,  
 N.89° 50'E., on true line, on S line (5-6) of Fort Whip-  
 ple Timber Reserve bdy., identical with 3rd.Std.Par.N.,  
 south of sec. 35. Topography hereinbefore described.
- 20.63 Intersect cor.No.6 (SE.cor.) of Reserve bdy., identical  
 with standard W.1/16 sec.cor. of sec.35, hereinbefore  
 described.  
 Thence,  
 N.1° 00'E. on true line, on E. line (6-1) of Fort Whipple  
 Timber Reserve bdy., identical with true N.and S.1/16  
 sec.line, thru.W.¼ of sec.35.  
 Over rolling land, thru.dense timber and undergrowth.  
 Descend.
- 4.90 State Highway, brs.NW. to Prescott and SE.to Phoenix.  
 25.90 Wolf Creek.(dry) 20 lks.wide, course W.  
 46.80 Wash, course SE.  
 62.70 State highway,, brs.NE. to Prescott and SW.to Phoenix.  
 81.38 Intersect cor.No.1 (NE.cor.) of Reserve bdy. the point  
 of beginning, hereinbefore described.  
 Land, rolling.  
 Soil, gravelly and rocky, 3rd and 4th rate.  
 Timber, dense pine and oak.  
 Undergrowth, dense scrub, oak and manzanita.
-

Retracement of the "Lost Chance" Patented Lode Mining Claim  
in Hassayampa Mineral District, Arizona.

Chains. TIE.  
From the reestablished  $\frac{1}{4}$  sec.cor. of secs.34 and 35, here-  
inbefore described,  
N.7° 49'E., within the "Lost Chance" lode mining claim in  
sec.35.  
4.63 Intersect cor. No.1, (NE.cor.) of the "Lost Chance" patented  
lode mining claim, which is a granite stone, marked  
"L C L 2129" and witnessed as described by the Surveyor  
General.

CLAIM BOUNDARY.

From cor.No.1, described above,  
S.35°30'E. on NE. side line (1-2) of claim in sec.35.  
22.72 Intersect cor.No.2 (SE.cor.) of claim, described by the  
Surveyor General.  
Thence,  
S.54° 30'W., on SE. end line (2-3) of claim in sec.35.  
9.09 Intersect cor.No.3 (SW.cor.) of claim, as described by  
the Surveyor General.  
Thence,  
N.35° 30'W. on SW. side line (3-4) of claim in secs.35 and  
34.  
11.58 Intersect the sec.line bet. secs.34 and 35 at a point 9.78  
chs. S.1° 45' W. from the reestablished  $\frac{1}{4}$  sec.cor. of  
secs. 34 and 35, hereinbefore described.  
Continue measurement in sec.34.  
22.72 Intersect cor.No.4 (NW.cor.) of claim, described by the  
Surveyor General.  
Thence,  
N.54°30'E. on NW. end line (4-1) of claim in sec.34.  
8.47 Intersect the sec.line bet. secs. 34 and 35, at a point  
4.22 chs.N. 1°45' E. from the reestablished  $\frac{1}{4}$  sec.cor.  
of secs.34 and 35, hereinbefore described.  
Continue measurement in sec.35.  
9.09 Intersect cor.No.1 (NE.cor.) of claim, the place of be-  
ginning, hereinbefore described.

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Boundaries of secs. 33,34 and part of sec.35, T.13N., R.2 W.  
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Latitudes, Departures and Closing Errors.  
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Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. bdy. sec. 35 (W $\frac{1}{4}$ )	S.89°50'W.	20.63		.06		20.63
S. bdy. sec. 34	N.88°21'W.	79.01	2.28			78.98
S. bdy. sec. 33,	N.89°40'W.	79.87	.46			79.87
W. bdy, sec. 33,	N. 0°38' E.	81.12	81.12		.90	
N. bdy. sec. 33 (W $\frac{1}{2}$ )	N.89°51'E.	39.78	.10		39.78	
N. bdy. sec. 33 (E $\frac{1}{2}$ )	N.89°56'E.	39.89	.05		39.89	
N. bdy. sec. 34,	S.88°33'E.	79.70		2.02	79.67	
N. bdy. sec. 35 (W $\frac{1}{4}$ )	S.88°15'E.	19.55		.60	19.54	
W. 1/16 line, thru. sec. 35	S.1°00'W.	81.38		81.37		1.42
Convergency,					.03	
	Totals,		84.01	84.05	178.81	178.90
			84.01	84.01		178.81
	Error in latitude,			.04		
	Error in departure,					.09



CERTIFICATE OF UNITED STATES SURVEYOR.

I, David W. Eaton, ~~Surveyor~~ <sup>Transitman</sup>, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 88, Arizona, bearing date of the 1st day of February, 1918, 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 <sup>re-</sup> ~~surveyed~~ <sup>surveyed</sup> all those parts or portions of ~~the~~ the Third Standard Parallel North, thru in part of Range 2 West, and Subdivision lines of T.13 N., R.2 W., and surveyed all those parts or portions of bdy. of Fort Whipple Timber Reserve, and Retraced all those parts or portions of the "Lost Chance" Patented Lode Mining Claim, both in T.13 N., R.2 W. of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 2 hereof</sup> ~~as~~ having been executed by me, and under my direction; and that all the corners of said <sup>re-</sup> ~~survey~~ <sup>survey & retracement</sup> 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 88, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such <sup>re-</sup> ~~survey~~ <sup>survey and retracement</sup>.

*Helena, Montana.  
Feb. 19, 1920.*

*David W. Eaton*  
U. S. ~~Surveyor~~  
Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, *February 24*, 1920.

The foregoing field notes of the <sup>re-</sup> ~~survey~~ <sup>survey</sup> of the Third Standard Parallel North, thru part of Range 2 West, and part of the Subdivision lines of T.13 N., R.2 W.; and of the Survey of Bdy. of Fort Whipple Timber Reserve in secs. 33, 34, and 35 of Township 13 North, Range 2 West; and of the Retracement of The "Lost Chance" Patented Lode Mining Claim in secs. 34 and 35 of Township 13 North, Range 2 West, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by David W. Eaton, U. S. Transitman, under ~~his~~ special instructions dated Feb. 1, 1918, for Group 88, Arizona, ~~for~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ <sup>resurveys, surveys and retracements</sup> they describe, are hereby approved.

*Frank De Trost*  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in ~~the~~ has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.