

3391

199
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Book "A"

4-679

BOOK 3391

FIELD NOTES

OF THE SURVEY OF THE

South Boundary of

TOWNSHIP 2 SOUTH, RANGE 13 EAST,

and the

South, East and West Boundaries, and

Subdivision Lines of

TOWNSHIP 3 SOUTH, RANGE 13 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Roy J. Gill.

In the capacity of U. S. Surveyor, under Special Instructions dated February 4., 1916, issued by the United States Surveyor General to govern surveys included in Group No. 71, which were approved by the Commissioner of the General Land Office, February 12., 1916, and Assignment Instructions dated November 11, 1916

Survey commenced December 6., 1916.

Survey completed March 7., 1917.

3391
1916

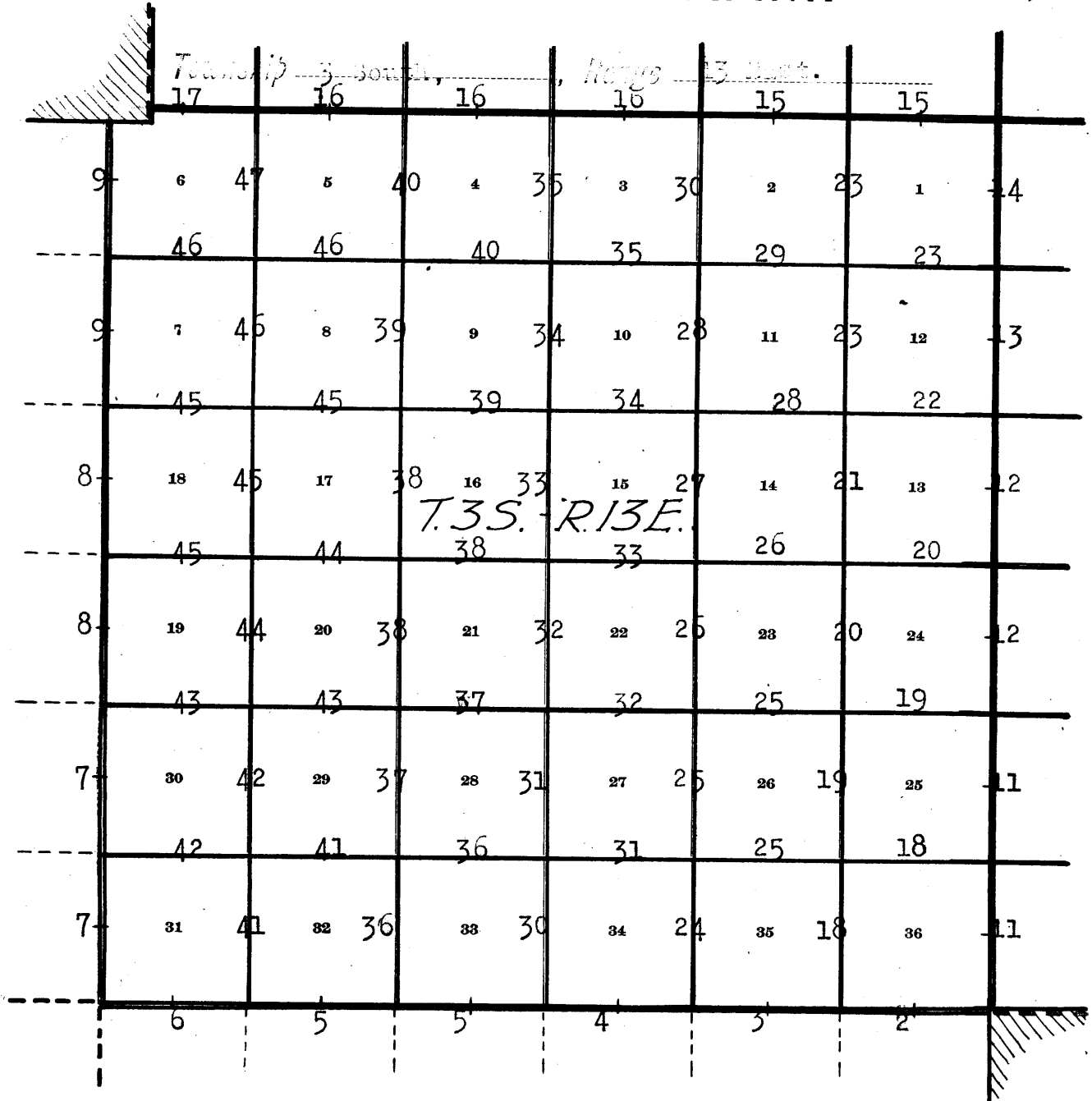
3391

Book "A"

BOOK 3391

Group 71 - - Arizona.

INDEX DIAGRAM.



- Surveyed under this group.
- Lines of accepted surveys.
- Unsurveyed.
- Areas surveyed as per accepted plats on file
- Resurveyed under this Group.

BOOK 3391

3391
Book "A".

Group 71 - - Arizona.

Date Diagram

T. 3 S., R. 13 E.







	3/6/17	2/15/17	2/15/17	2/15/17	2/15/17	2/14/17
2/28/17	6	5	4	3	2	1
2/28/17	3/7/17	3/3/17	3/5/17	2/23/17	2/17/17	2/13/17
2/26/17	7	8	9	10	11	12
2/27/17	2/28/17	3/2/17	3/2/17	2/22/17	2/16/17	12/30/16
2/26/17	18	17	16	15	14	13
2/27/17	2/27/17	3/2/17	3/1/17	2/21/17	12/28/16	12/29/16
2/26/17	19	20	21	22	23	24
12/21/16	2/27/17	3/1/17	2/21/17	12/13/16	12/13/16	12/12/16
12/21/16	30	29	28	27	26	25
12/21/16	12/21/16	12/20/16	12/22/16	12/13/16	12/11/16	12/9/16
12/16/16	31	32	33	34	35	36
12/20/16	12/20/16	12/19/16	12/17/16	12/7/16	12/6/16	12/6/16
12/16/16	12/15/16	12/15/16	12/7/16	12/6/16	12/6/16	12/8/16

Surveys executed by Roy J. Gill, U. S. Surveyor, on the dates shown on the above diagram.

Chains.

Surveys hereinafter described executed by Roy J. Gill, U.S. Surveyor, on dates shown on date diagram on page 1 hereof, using a Buff and Buff transit No. 7732, with Smith solar attachment. The horizontal limb is provided with two double verniers, placed opposite, each reading to single minutes of arc, which is also the least count of the verniers of the latitude and declinations arcs.

Examine the adjustments of the transit, and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications with a meridian obtained by direct solar observation, and in order to use the same meridian upon which to initiate the survey, make the following observation on the Sun at the cor. of Ts. 3 and 4 S., Rs. 13 and 14 E., in lat. $33^{\circ}07'03''$ N., long. $110^{\circ}57'26''$ W.

	Hor. Angle	Vert. Angle	Time
(1) 	$31^{\circ}55'$	$21^{\circ}9'30''$	3h.05m. 20s
(6) 	<u>$33^{\circ}23'$</u>	<u>$19^{\circ}58'$</u>	3h 10m 05s
Dec. 5th, 1916.			
(2) 	$32^{\circ}38'$	$21^{\circ}02'30''$	
(5) 	<u>$32^{\circ}36'$</u>	<u>$20^{\circ}07'$</u>	
(3) 	$32^{\circ}10'$	$20^{\circ}59'$	
(4) 	<u>$32^{\circ}59'$</u>	<u>$20^{\circ}14'$</u>	

True bearing of reference point = $S.10^{\circ}25'30''$ W.

Other direct solar observations were made from time to time to check the alinement, and the corrections made when necessary. The lines were projected by fore and back sight when practicable.

Survey of South bdy. of Township 3 South, Range 13 East.

The original cor. of Ts. 3 and 4 S., Rs. 13 and 14 E. is a palo verde post, faintly marked with 6 notches on each of N., S., E. and W. edges. No bearing trees. No trace or original pits. Slight trace of old mound of earth is visible.

Alongside the old stake, set an iron post, 3 ft. long, 3 ins. in diam., 18 ins. in the ground, and supported in a mound of stone for reestablished cor. of Ts. 3 and 4 S., Rs. 13 and 14 E., marked on brass cap,

T3S	
R13E	R14E
S36	S31
S 1 S 6	
T4S	
1916	

And raise a mound of stone 3 ft. base, 3 ft. high, S. of cor.

From a point 3 lks. S. of reestablished Tp. cor., $N.89^{\circ}58'W.$, on the secant, S. of sec. 36.

Survey of South bdy. of Township 3 South, Range 13 East.

Chains.

- Over mountainous land.
- 3.70 Small tunnel brs. N. about 50 lks.
- 4.20 Ravine, 75 lks. wide, 20 ft. deep, course S. 10° W.
- 8.80 Power line, brs. NW. and SE.
- 9.50 Ravine, 75 lks. wide, 10 ft. deep, course S.; ascend E. slope.
- 12.20 An iron post, brs. N. 5 lks. dist., marked
"SW. cor. RHCC No. 1" on N. face, and
"NW. cor. RHCC No. 2" on S. face.
- 14.70 Small spur, slopes S.
- 14.99 Intersect E. end line (1-2) of Blue Bird patented mining claim, Mineral Survey No. (2668), at a point 197 lks. N. 8° 53' W. from SE. cor. (No. 1) thereof. Thence across patented mineral claim.
- 37.66 Intersect the W. end line (3-4) of Blue Bird patented mining claim, Mineral Survey No. 2668, at a point 154 lks. N. 8° 53' W. from SW. cor. thereof. Leave patented mineral land.
- 40.00 1 lk. N. from the secant,
Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, supported in a mound of stone for 1/4 sec. cor., marked on brass cap,

S 36.
 1/4 —————
 S 1
 1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. From cor., U.S.L.M. No. 1590 brs. S. 37° 41' W.

A house, brs. N. 43° 45' W.
A barn, brs. N. 36° 25' W.

- 48.30 Abandoned narrow gauge railroad brs. NE. and SW.
- 48.70 Wash, 50 lks. wide, course S. 30° W.
- 53.25 Fence brs. N. 16° 22' E. and S. 16° 22' W.
- 54.05 R. & G.V. Ry., brs. N. 16° 22' E. and S. 16° 22' W.
- 54.45 U.S.L.M. No. 1590, brs. S. 14° 15' W.
- 55.75 Road, brs. N. 16° E. and S. 16° W.
- 56.95 East bank of Mineral Creek, brs. N. 16° E. and S. 16° W.
- 57.20 Small irrigation ditch, course S. 16° W.
- 58.93 Intersect the E. end line (1-4) of the "Old Spaniard" patented mining claim, Mineral Survey No. 1975, at a point 303 lks. N. 11° 30' W. from SE. cor. (No. 4) thereof. Thence across patented mineral claims, Old Spaniard, Black Hawk and Templar lodes, Mineral Survey No. 1975.
- 59.50 Bottom of Mineral Creek (dry) course S. 16° W.
- 61.80 West bank of Mineral Creek. brs. N. 16° E. and S. 16° W. Asc. steep rocky E. slope, 220 ft.
- 71.50 Spur, slopes S. 10° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground, supported in a mound of stone for the cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T3S	R13E
S35	S36
S 2	S 1
T4S	
1916	

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. This sec. cor. lies within the "Old Spaniard" patented mining claim, Mineral Survey No. 1975.

Land, mountainous.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, cactus. palo verde. catclaw, greasewood and ocotillo.

N. 89° 59' W., on the secant, thru. sec. 35.
Over mountainous land, within patented mineral claims;

4. Survey of South bdy. of Township 3 South, Range 13 East.

Chains.

ascend 1050 ft.
 8.50 Shaft about 50 ft. deep, brs. S. 10 lks. dist.
 17.50 Ravine, 200 lks. wide, 60 ft. deep, course NE.
 25.32 Intersect the W. end line (3-4) of the "Templar" patented mining claim, Mineral Survey No. 1975, at a point 318 lks., N. 11° 30' W. from the SW. cor. (No. 4) thereof. Leave patented mineral land.
 40.00 1 lk. S. of secant,
 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 35
 $\frac{1}{4}$ —————
 S 2
 1916

41.20 Raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
 Ravine, 75 lks. wide, 25 ft. deep, course S. 70° E.
 68.50 Top of main ridge of Pinal Mountains, brs. N. and S.
 Descend W. slope, 315 ft.
 80.00 2 lks. S. of secant,
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T3S | R13E
 S34 | S35
 S 3 | S 2
 T4S
 1916

Raise a mound of stone; 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 3rd rate.
 No timber.
 Undergrowth, cactus, palo verde, catclaw, greasewood and ocotillo.

N. 89° 59' W., on the secant, thru. sec. 34.
 Over mountainous land, thru. scattering undergrowth.
 Descend rocky, rolling W. slope, 715 ft.
 20.25 Wash, 30 lks. wide, in ravine, course N. 80° W.
 27.10 Same wash, course S. 80° W.
 38.30 Discovery shaft, brs. S. 30 lks. dist.
 40.00 2 lks. S. of secant,
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 34
 $\frac{1}{4}$ —————
 S 3
 1916

53.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 Small canyon, 25 lks. wide, 50 ft. deep, course SW.
 57.50 Ravine, 150 lks. wide, 25 ft. deep, course S. 10° W.
 66.70 Small canyon, 250 lks. wide, 25 ft. deep, course S.
 80.00 3 lks. S. of secant.
 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, supported in a mound of stone, for the cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T3S | R13E
 S33 | S34
 S 4 | S 3
 T4S
 1916

Chains.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 3rd rate.
 No timber.
 Undergrowth, cactus, palo verde, catclaw and ocotilla.

West, on secant, thru. sec. 33.
 Over rocky rolling land, drains S.

- 6.50 Ascend E. slope, 178 ft.
- 17.10 Top of ascent; thence along broken S. slope.
- 27.50 Descend general W. slope.
- 40.00 2 lks. S. of secant,

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

S 33
 $\frac{1}{4}$ ———
 S 4
 1916

- 58.30 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 59.80 Wash, 2 chs. wide, 4 ft. deep, course S.
- 59.80 Ascend rough, broken, E. slope.
- 80.00 2 lks. S. of the secant,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T3S | R13E
 S32 | S33
 ———
 S 5 | S 4
 T4S
 1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate. No timber.
 Undergrowth, cactus, palo verde, catclaw, ocotilla and buck thorn.

S. 89° 59' W., on the secant, thru. sec. 32.
 Over mountainous land, thru. scattering undergrowth.
 Ascend, rough broken E. slope.

- 18.50 Top of the "Spine," brs. SE. and NW.
- 19.80 Descend steep rocky W. slope.
- 35.00 Foot of descent; ascend SE. slope.
- 40.00 1 lk. S. of secant,

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

S 32
 $\frac{1}{4}$ ———
 S 5
 1916

- 41.70 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 41.70 Descend W. slope.
- 49.90 Ravine, course S.; ascend E. slope.
- 62.60 Top of ascent; thence along S. slope.
- 64.30 Descend SW. slope.
- 68.80 Along steep and broken S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 5, 6, 31 and 32, marked on brass cap,

6. South boundary of Township 3 South, Range 13 East.

Chains.

T3S	R13E
S31	S32
S 6	S 5
T4S	
1916	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate. No timber.
Undergrowth, cactus, palo verde, catclaw, ocotilla, and
buck brush.

S. 89° 58' W. on the secant, S. of sec. 31.
Over mountainous land, thru scattering undergrowth.
Over rough broken S. slope.
3.90 Descend W. slope, 330 ft.
14.45 Ravine, drains S.
Ascend broken SE. slope, 500 ft.
37.90 Spur, slopes SW.
38.25 Descend SW. slope, 615 ft.
40.00 1 lk. N. of the secant,
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
the ground, supported in a mound of stone, for $\frac{1}{4}$ sec.
cor., marked on brass cap,

S 31
$\frac{1}{4}$
S 6
1916

69.10 Raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.
Wash, 125 lks. wide, 20 ft. deep, course S.
Allowing for convergency at
79.06 3 lks. N. of the secant,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for cor. of Ts. 3 and 4 S., Rs. 12 and 13 E.,
marked on brass cap,

T3S	R12E	R13E
S36	S31	
S 1	S 6	
T4S		
1916		

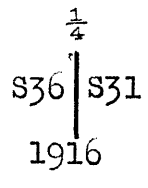
Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, cactus, palo verde, catclaw, ocotillo and
greasewood.

Survey of West bdy. of Township 3 South, Range 13 East.

Chains.

From the cor. of Ts. 3 and 4 S., Rs. 12 and 13 E., herein-
before described,
North, on a true line; bet, secs. 31 and 36.

40.00 Over broken and mountainous land.
Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground, supported in a mound of stone, for $\frac{1}{4}$ sec.
cor., marked on brass cap,



45.50 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Wash, 100 lks, wide, 20 ft. deep, course S.70°W.

58.45 Descend NW. slope.

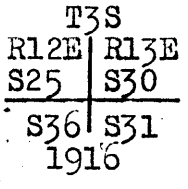
70.00 Gulch, course SW.

71.10 Road brs. N.10°E. and S.10°W.

74.00 Wash, 1 ch. wide, 3 ft. deep, course S.10°E.

77.00 Ascend SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in
the ground, supported in a mound of stone, for the cor.
of secs. 25, 30, 31 and 36, with brass cap, marked

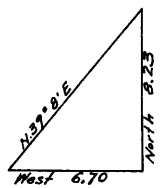


Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.
Land, broken and mountainous.
Soil, gravelly and rocky, 3rd and 4th rate.
No timber.
Undergrowth, cactus, palo verde, catsclaw, ocotilla and
greasewood.

North, bet. secs. 25 and 30.
Over mountainous land, and scattering undergrowth.
Ascend SE. slope.

19.98 Owing to cliffs bearing NE. and SW., facing SE., discon-
tinue chaining at this point, and triangulate as fol-
lows:

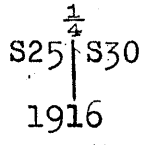
Measure a base W. 6.70 chs.
Set flag at top of cliffs on
line.
From W. end of base, flag brs.
N.39°08'E.
Included angles are 50°52',
39°08' and 90°00', the
sum of which is 180°00'.
Triangulated dist. is obtained
by $\text{tang. } 50^{\circ}52' \times \text{base}$ or
 $1.22904 \times 6.70 = 8.23$ chs.,
which added to 19.98 chs. =



28.21 Flag point, at top of cliff 555 ft. above cor.
Descend NW. slope, 225 ft.

39.00 Canyon, course NE.; ascend over cliffs.

40.00 Set an iron post 3 ft. long, 1 in. in diam., on bedrock,
in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass
cap,



8 West boundary of Township 3 South, Range 13 East.

Chains.

- 49.60 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Top of cliff, 160 ft. high.
 51.15 Spur, slopes E.; descend NE. slope, 110 ft.
 58.80 Draw, course SE.; ascend S. slope, 170 ft.
 74.48 U.S. L. M. No. 2602, brs. N. 63° 03' E.
 Top of spur, slopes W.
 75.30 Descend 130 ft., over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
 in a mound of stone for cor. of secs. 19, 24, 25 and 30,
 marked on brass cap,

T3S	
R12E	R13E
S24	S19
S25	S30

1916

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 From cor., U.S.L.M. No. 2602, brs. N. 72° 12' E.
 Land, mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, cactus, palo verde, catclaw, ocotilla, and
 buck brush.

- North, bet. secs. 19 and 24.
 Over mountainous land, thru. scattering undergrowth.
 Descend N. slope, 155 ft.
 7.50 Ravine, course W.; ascend S. slope, 360 ft.
 38.45 Spur, slopes NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,

¼	
S24	S19
1917	

- 78.13 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Descend N. slope.
 80.00 Wash, 3 chs. wide, course S. 70° W.
 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in
 the ground, supported in a mound of stone, for the cor.
 of secs. 13, 18, 19 and 24, marked on brass cap,

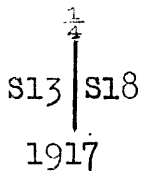
T3S	
R12E	R13E
S13	S18
S24	S19

1917

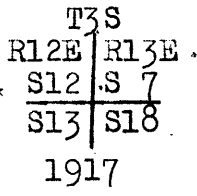
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, catclaw and cactus.

- North, bet. secs. 13 and 18.
 Over broken and mountainous land.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,

Chains.

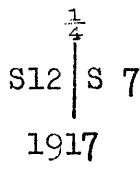


80.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend SE. slope. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 7, 12, 13 and 18, marked on brass cap,

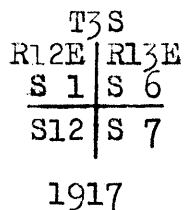


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. stands at foot of cliff, 50 ft. high, facing E. Land, broken and mountainous. Soil, rocky and sandy, 3rd rate. No timber. Undergrowth, palo verde, catclaw and cactus.

3.78 North, bet. secs. 7 and 12. Over broken and mountainous land., along SE. slope. Spur, slopes SW.
 22.68 Wash, 1 ch. wide, 2 ft. deep, course W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



80.00 Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Ascend precipitous S. slope. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken and mountainous, drains SW. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, catclaw and cactus.

5.89 North, bet. secs. 1 and 6. Over broken and mountainous land. Ascend broken S. slope. Spur, slopes S. 70° W. Thence along W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

10. West boundary of Township 3 South Range 13 East.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 1 \mid \text{S } 6 \\ \downarrow \\ 1917 \end{array}$$

71.20 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Continue over broken and mountainous land, sloping W.
Spur, slopes W.

75.83 Descend N. slope.

Intersect S. bdy. of T. 2 S., R. 12 E., at a point 21.68
chs. W. from reestablished cor. of said. Tp. (SE. cor.)
hereinafter described in notes of survey of S. bdy. of
T. 2 S., R. 13 E. At point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for closing cor. of Ts. 3 S., Rs. 12 and
13 E., marked on brass cap,

$$\begin{array}{c} \text{S } 36 \\ \hline \text{S } 1 \mid \text{S } 6 \\ \text{R } 12 \text{E} \mid \text{R } 13 \text{E} \\ \text{T } 3 \text{S} \\ \text{C } \text{C} \\ 1917 \end{array}$$

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
Land, broken and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, catclaw and cactus.

Survey of East boundary of Township 3 South, Range 13 East. 11

Chains.	
	From the reestablished cor. of Ts. 3 and 4 S., Rs. 13 and 14 E., hereinbefore described, North, bet. secs. 31 and 36. Over mountainous land, thru. dense undergrowth. Ascend S. slope, 185 ft.
19.90	An iron post marked "N End C T RHCC No. 1" on S. face, brs. west 25 lks. dist.
21.20	Spur, slopes W.; descend N. slope, 130 ft.
30.40	Draw, course W.
36.65	Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, supported in a mound of stone, for W. C. to $\frac{1}{4}$ sec. cor., marked on brass cap,
	W C $\frac{1}{4}$ S36 S31 1916
36.70	Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. S. rim of canyon, brs. E. and W.; descend 70 ft.
40.00	Point for $\frac{1}{4}$ sec. cor. falls in bottom of canyon, course W.; ascend 70 ft.
42.00	N. rim of canyon, brs. E. and W.; ascend S. slope 170 ft.
51.10	Spur, slopes SW.; descend NW. slope.
65.60	Ravine, course S. 20° W.; ascend SE. slope.
76.10	Top of ascent.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground, supported in a mound of stone for the cor. of secs. 25, 30, 31 and 36, marked on brass cap,
	T3S R13E R14E S25 S30 S36 S31 1916
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, catclaw and ocotilla.

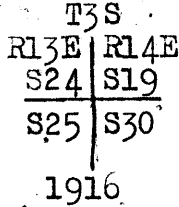
	North, bet. secs. 25 and 30. Over rolling and mountainous land, thru. scattering undergrowth; along W. slope.
.8.50	Descend N. slope.
16.65	Ravine, course W.; ascend SW. slope.
23.50	Spur, slopes W.
29.00	Ravine, course W.; ascend S. slope.
37.60	Spur, slopes E.
37.65	U.S.M.M. No. 1, brs. N. 34° 30' W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S25 S30 1916
43.40	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ravine, course NW.
48.60	Top of ascent; descend NW. slope.
58.00	Ravine, course N. 75° W.
69.00	Top of ascent.
73.70	Ravine, course S. 80° W.

East boundary of Township 3 South, Range 13 East.

Chains.

80.00

Set an iron post 3 ft. long, 2 ins. in diam., on bed rock, supported by a mound of stone for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, catclaw and ocotilla.

North, bet. secs. 19 and 24. Over mountainous land, thru scattering undergrowth. Ascend 345 ft. on steep S. slope.

19.10

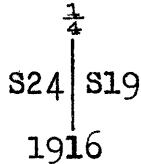
Spur, slopes SW.

27.00

Top of cliff, brs. NE. and SW., about 70 ft. high; descend.

40.00

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



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. "Susie D" gulch, course S. 20° W.

42.20

Pipe line and trail, brs. NE. and SW.

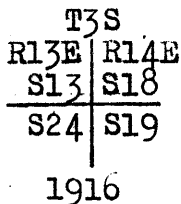
45.30

Spur, slopes SW.; descend broken NW. slope.

69.40

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported by a mound of stone, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. From cor., a prospect tunnel, brs. SW. about 75 lks. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, ocotillo and palo verde.

North, bet. secs. 13 and 18. Over mountainous land, thru scattering undergrowth; along broken W. slope.

2.40

Descend steep, NW. slope.

7.30

Ravine, course W.; ascend SW. slope.

21.40

Top of ascent.

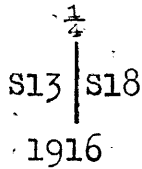
30.70

Descend NW. slope.

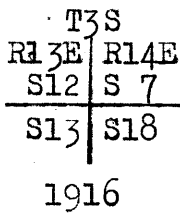
40.00

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, supported in a mound of stone, for 1/4 sec. cor., marked on brass cap,

Chains.

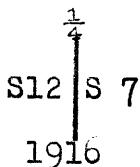


- 45.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Draw, course W.
- 52.00 Small spur, slopes W.
- 56.00 Ravine, course W.
- 66.00 Trail, brs. E. and W.
- 66.90 Ravine, 250 lks. wide, 50 ft. deep, course W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. indiam., on bed rock, supported by a mound of stone for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

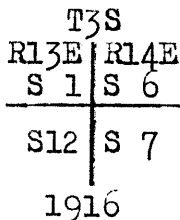


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, catclaw and buck brush.

- 9.70 North, bet. secs. 7 and 12. Over mountainous land, and undergrowth. Spur, slopes W.; trail on spur, brs. E. and W. Descend precipitous N. slope.
- 36.03 Draw, 1 ch. wide, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, for ¼ sec. cor., marked on brass cap,



- 79.40 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Continue along W. slope.
- 80.00 Spur, slopes W.; descend N. slope. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

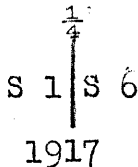


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous, drains W. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde and cactus.

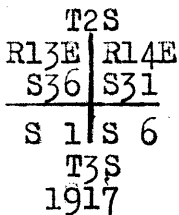
14 East boundary of Township 3 South, Range 13 East.

Chains.

North, bet. secs. 1 and 6.
 Over mountainous land, thru. undergrowth.
 Descend N. slope.
 19.88 Draw, 1 ch. wide, course W.; ascend.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



48.52 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Spur, slopes W.
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.
 in the ground, for cor. of Ts. 2 and 3 S., Rs. 13 and 14
 E., marked on brass cap,



Raise a mound of stone, 3 ft. base, 2½ ft. high, S. of cor.
 Land, mountainous, drains W.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, buck brush, scrub oak and
 cactus.

Survey of South boundary of Township 2 South, Range 13 East. 15

Chains.

From the cor. of Ts. 2 and 3 S., Rs. 13 and 14 E., hereinbefore described,

West, on true line, bet. secs. 1 and 36.

Over broken and mountainous land, thru scattering undergrowth.

4.29 Creek, running water, 10 lks. wide, course SW. Telephone line brs. NE. and SW.

26.21 Spur, slopes SW.; descend.

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

S 36
 $\frac{1}{4}$
S 1
1917

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Continue over broken and mountainous land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for the cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T2S | R13E
S35 | S36
S 2 | S 1
T3S
1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken and mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde and buck brush.

West, bet. secs. 2 and 35.

Over broken and mountainous land, along S. slope.

7.00 Spur, slopes SW.; descend W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 35
 $\frac{1}{4}$
S 2
1917

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Descend W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T2S | R13E
S34 | S35
S 3 | S 2
T3S
1917

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, broken and mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, buck brush, cactus.

16 Survey of South bdy. of Township 2 South, Range 13 East.

Chains.

West, bet. secs. 3 and 34.
Over broken and mountainous land, thru scattering undergrowth. Descend.

8.58 Mineral Creek, running water, 50 lks. wide, 6 ins. deep, course S.

10.38 Road brs. N. and S.

32.28 Creek, running water, 2 lks. wide, 1 in. deep, course SE.

37.24 House brs. N. 75 lks.

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

S 34
 $\frac{1}{4}$ —————
S 3
1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Ascend E. slope.

65.98 Along N. and NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T2S | R13E
S33 | S34
S 4 | S 3
T3S
1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, broken and mountainous, drains E. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, buck brush and cactus.

West, bet. secs. 4 and 33.
Over mountainous land, thru scattering undergrowth. Ascend along NE. slope, over broken land.

13.61 Draw, course N. 70° E.

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

S 33
 $\frac{1}{4}$ —————
S 4
1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Top of prominent castellated peak. Descend SW. slope.

64.25
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T2S | R13E
S32 | S33
S 5 | S 4
T3S
1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, broken and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, buck brush and cactus.

West, bet. secs. 5 and 32.
Over mountainous land; descend SW. slope.

Chains.

11.35 Draw, 50 lks. wide, course S.10°W.; ascend SE. slope.
 23.40 Spur, slopes S.; descend.
 34.00 Foot of descent; ascend SE. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

$\frac{1}{4}$	S 5
1917	

53.70 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Ridge, brs. NE. and SW.; descend.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for cor. of secs. 5, 6, 31 and 32, marked on brass
 cap,

T2S	R13E
S31	S32

S 6	S 5
T3S	
1917	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous. Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and catclaw.

 West, on S. bdy. of sec. 31.
 Over broken and mountainous land; ascend.

17.32 Spur, slopes N.
 32.09 Spur, slopes N.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 31

$\frac{1}{4}$	S 6
1917	

42.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Road, Ray to Superior, brs. N, and S.
 46.88 Same road brs. NE. and SW.
 51.00 Same road, brs. N. and S.
 53.62 Wash, 1 ch. wide, 5 ft. deep, course N.
 56.33 Intersect E bdy. of Tp. 2 S., R. 12 E., at a point 4.45 chs.

N. 0° 08' W. from original cor. of Ts. 2 and 3 S., Rs. 12
 and 13 E., which is a stone 10x8x6 ins. above ground,
 firmly set, marked with 6 notches on each of N., S., E.
 and W. edges, and witnessed by a mound of stone, S. of
 cor. No bearing trees. Change this cor. to refer to
 T. 2 S., R. 12 E. only, by obliterating notches on E. and
 S. edges of stone, and moving mound of stone from S. to
 NW. of cor. At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground, for closing cor. of Ts. 2 and 3 S., R. 13
 E., marked on brass cap,

T2S	
R12E	R13E
S36	S31 CC

S 6	
T3S	
1917	

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and catclaw.

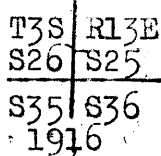
Subdivision lines of Township 3 South, Range 13 East.

Chains From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., herein-
before described,
N. 0° 01' W., bet. secs. 35 and 36.
Over mountainous land, thru scattering undergrowth, across
patented mineral land, "Old Spaniard," and "Lady May"
claims, Mineral Survey No. 1975.

1.60 Descend N. slope.
3.75 Small shaft 10 ft. deep.
11.18 Intersect N. bdy. of "Lady May" patented mining claim, No.
1975, at a point 431 lks. N. 78° 30' E. from the NW. cor. No. 3
of said claim. Leave patented mineral land.
12.00 Foot of descent; wash, course E.
13.50 Ascend rolling SE. slope.
20.39 House brs. N 76° 05' E. Barn brs. N. 78° 10' E.
20.50 Spur, slopes E.
25.00 Ravine, course SE.
30.55 Spur, slopes SE.
33.25 Descend N. slope.
36.80 Ravine, course E.; ascend.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the
ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass
cap,

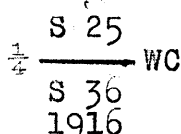


42.70 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Top of ascent, brs. E. and W.; descend.
48.25 Wash, course SE.
51.15 Ascend SW. slope.
54.10 Top of ascent, brs. NW. and SE.
60.80 Descend N. slope.
63.60 Ravine, course S. 70° E.
69.80 Spur, slopes S. 75° E.
79.00 Wash, course SE. in draw, same course.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 25, 26, 35 and 36, marked on brass
cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous. Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, palo verde, catclaw and ocotilla.

37.80 East, on a random line, bet. secs. 25 and 36.
Set temp. witness cor. to $\frac{1}{4}$ sec. cor.
80.26 Fall 8 lks. N. of the cor. of secs. 25, 30, 31 and 36 on E. bdy.
of Tp., hereinbefore described.
Thence, N. 89° 57' W., on a true line, bet. secs. 25 and 36.
Over mountainous land; descend.
11.66 Ravine, course N.; ascend.
15.36 Small spur, slopes N.; descend.
26.46 Ravine, course N.; ascend.
30.16 Spur, slopes N.; descend.
39.76 Telegraph line, brs. N. and S.
40.13 True point for $\frac{1}{4}$ sec. cor. falls on cliff, bearing N. and S.
42.26 R. & G. V. Ry., brs. N. and S.
42.46 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on
brass cap,



42.86 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
East bank of Mineral Creek, brs. N. and S.

Subdivision lines of Township 3 South, Range 13 East. 19

Chains.
 45.96 Bottom of Mineral Creek, course S.; road follows creek bed.
 46.86 West bank of Mineral Creek, brs. N. and S.
 47.36 Road, Kelvin to Ray, brs. S. 10° E. and N. 30° W.
 51.06 Power line, brs. N. and S.
 79.00 Enter draw, course SE.
 80.26 The cor. of secs. 25, 26, 35 and 36 in draw.
 Land, mountainous. Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde, catclaw, and ocotilla.

 N. 0° 01' W., bet. secs. 25 and 26.
 Over broken and mountainous land, thru. dense undergrowth.
 In draw, course S. 70° E.

.75 Leave draw.
 2.70 Road, Kelvin to Ray, brs. S. 55° E. and N. 55° W.
 22.30 Descend into draw.
 24.00 Draw, course S. 70° E.
 27.60 Ascend over broken land.
 31.50 Ravine, 5 chs. wide, 75 ft. deep, course S. 80° E.
 39.20 Small spur, slopes E. "Big Dome" brs. E. about 20 chs. dist.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the
 ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass
 cap,

$\frac{1}{4}$
 S26 | S25
 1916

47.45 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Ravine, course E.
 55.10 Spur, slopes E.
 66.50 Draw, course SE.
 68.70 Ascend SW. slope.
 75.10 Spur, slopes E. from NW.; descend.
 79.90 Ravine, course E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the
 ground, in rock mound, for cor. of secs. 23, 24, 25 and 26,
 marked on brass cap,

T3S | R13E
 S23 | S24
 S26 | S25
 1916

Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.
 Land, broken and mountainous.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, cactus, palo verde, catclaw, greasewood and oco-
 tilla.

40.00 S. 89° 57' E., on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp.,
 hereinbefore described. Thence,
 N. 89° 57' W., on a true line, bet. secs. 24 and 25.
 Over broken and mountainous land, thru. scattering under-
 growth.

6.40 Descend SW. slope.
 17.54 Ravine, course S.; ascend.
 27.44 Spur, slopes S.; descend.
 40.04 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the
 ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 24
 S 25
 1916

47.10 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ravine, course S, 80° W.; ascend.
 53.50 Top of ascent.
 House on W. bank of Mineral Creek, brs. S. 38 $\frac{1}{4}$ ° W. about 20 chs.
 dist. Corral brs. S. 29° 30' W. about 20 chs. dist.
 57.10 Power line brs. N. and S.

20 Subdivision lines of Township 3 South, Range 13 East.

Chains.	Foot of slope, brs. N. and S.
58.65	R. & G.V. Ry. brs. N. and S.
58.80	E. bank of Mineral Creek, brs. N. and S.
59.70	Road, Kelvin to Ray, brs. N. and S.
60.40	Mineral Creek (dry) course S.
61.50	Telegraph line, brs. N. and S.
63.30	West bank of Mineral Creek, brs. N. and S.
63.70	The cor. of secs. 23, 24, 25 and 26.
80.09	Land, broken and mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, ocotilla, buck brush and greasewood.

	N. 0° 01' W., bet. secs. 23 and 24. Over broken and mountainous land, thru scattering brush. Ascend S. slope.
4.00	Small spur, slopes SE.
7.50	Ravine, course S. 80° E.
10.30	Ravine, 3 chs. wide, 50 ft. deep, course SE.; thence asc. in saddle, bet. two buttes, known as "Twin Domes," the top of one E. of line about 6 chs. dist. and the top of the other W. of line, about 4 chs. dist.
22.50	Descend N. slope.
37.30	Intersect S. side line (2-3) of "Colorado" patented mining claim, Mineral Survey No. 2615A, at a point 583 lks. S. 78° 50' W. from SE. cor. No. 3 thereof, and 333 lks. S. 78° 50' W. from NW cor. No. 1 of "Colorado No. 2" patented mining claim. Thence across patented mineral land, in Mineral Creek Mining District.
37.60	Ravine, course E., heads about 6 chs. W.
39.75	Top of ascent.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S23 S24 1916
43.80	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
49.00	Power line brs. S. 10° E. and N. 10° W. Tower on line.
50.80	Over level land.
51.80	Road brs. SE. and NW.
54.60	Pest house brs. E. 150 lks.
58.70	Road brs. NE. and SW.
61.70	Leave level land; ascend SE. slope.
65.60	Top of ascent; thence along E. slope.
69.00	Descend NE. slope.
72.00	Wash, 50 lks. wide, 3 ft. deep, course SE.
72.50	Road brs. SE. and NW.
74.00	Ascend SW. slope.
75.80	Top of ascent.
79.65	U.S.M.M. No. 1, brs. N. 40° 25' W.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap, T3S R13E S14 S13 S23 S24 1916
	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous, level and broken. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, ocotilla and catclaw; and buck brush.

40.00	S. 89° 57' E., on random line, bet. secs. 13 and 24.
79.88	Set temp. $\frac{1}{4}$ sec. cor. Intersect the cor. of secs. 13, 18, 19 and 24 on E. bdy. of Tp., hereinbefore described. Thence, N. 89° 57' W. on a true line, bet. secs. 13 and 24.

Chains.	Over mountainous land, thru scattering undergrowth. Descend broken W. slope, 1400 ft. to Mineral Creek.
2.88	Trail, brs. SE. and NW.
11.68	Trail, brs. N. and S.
20.88	Ravine, course SW.
39.94	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, in a rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	S 13 $\frac{1}{4}$ ————— S 24 1916
59.28	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Intersect E. side line (2-3) of "Vermont" patented mining claim, Mineral Survey No. 1244, at a point 154 lks. N. $11^{\circ}10'W.$ from SE. cor. No. 3 thereof. Thence across patented mineral land.
66.58	R. & G. V. Ry., brs. NW. and S.
68.00	Channel of Mineral Creek, course S. from NW.
73.88	Road, Ray to Kelvin, brs. N. and S.
74.00	Right bank of Mineral Creek, brs. N. and S.; ascend E. slope.
75.08	Telephone line, brs. S. $10^{\circ}E.$ and N. $10^{\circ}W.$
79.88	The cor. of secs. 13, 14, 23 and 24. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, cactus, palo verde, ocotilla, and catclaw.

	N. $0^{\circ}01'W.$, bet. secs. 13 and 14. Over rolling land, drains E. within patented mineral land, Mineral Creek Mining District.
4.30	Descend over cliff, 80 ft. high, brs. NW. and SE. Right bank of Mineral Creek, brs. E. and W.
4.90	Road, brs. SE. and NW.
6.25	Mineral Creek, dry, course E.
8.30	Left bank of Mineral Creek, brs. E. and W.; asc. SW. slope.
9.00	R. & G. V. Ry., brs. SE. and NW.
11.00	Telephone line brs. S. $10^{\circ}E.$ and N. $10^{\circ}W.$
15.00	Trail, brs. E. and W.
17.40	U. S. M. M. No. 1, brs. N. $78^{\circ}31'W.$ South shaft Ray Consolidated Mining Company, brs. N. $54^{\circ}40'W.$ Center shaft Ray Consolidated Mining Company, brs. N. $47^{\circ}56'W.$ North shaft, Ray Consolidated Mining Company, brs. N. $47^{\circ}W.$ Flag pole on Ray Consolidated Club House, brs. N. $39^{\circ}50'W.$ Bridge No. 7 (center of N. end) on right bank of Mineral Creek, brs. N. $55^{\circ}17'W.$
19.65	Pipe line, brs. S. $20^{\circ}E.$ and N. $20^{\circ}W.$
20.35	Ravine, 3 chs. wide, 40 ft. deep, course NW. Trail follows ravine.
24.15	Mouth of ravine, course W.
39.65	U. S. M. M. No. 1, brs. S. $44^{\circ}25'W.$ South shaft, Ray Consolidated Mining Company brs. N. $88^{\circ}18'W.$ Center shaft, Ray Consolidated Mining Company, brs. N. $68^{\circ}55'W.$ North shaft, Ray Consolidated Mining Company, brs. N. $52^{\circ}W.$ Flag pole on club house, brs. N. $78^{\circ}05'W.$ North abutment; bridge No. 7, brs. S. $17^{\circ}W.$ City Reservoir, brs. E. about 4 chs.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S14 S13 1916
49.90	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Top of ascent; thence along bench, sloping gently west.

22. Subdivision lines of Township 3 South, Range 13 East.

Chains.
 55.40 Dim road, brs. SE. and NW.
 58.30 Road brs. E. and W.
 74.20 Top of ascent.
 75.20 Descend N. slope.
 79.28 Intersect E. side line (3-4) of "Satellite" patented mining claim, Mineral Survey No. 1581, at a point 404 lks. S. 18° 30' E. from NE. cor. No. 3 thereof. Leave patented mineral land.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground, in mound of stone, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T3S	R13E
S11	S12
S14	S13

1916

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. From this cor., Cor. No. 3, "Satellite" claim, brs. N. 22° 15' W., 3.36 chs.

A post, marked SE. Cor. Satellite No. 2 brs. N. 51° 15' W., 403 lks. dist.
 A post, marked "SC S1-2572A" brs. N. 53° 18' W., 283 lks. dist.

Land, rolling and mountainous.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, cactus, palo verde, catclaw, buck brush and ocotilla.

40.00 S. 89° 57' E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Fall 2 lks. N. of the cor. of secs. 7, 12, 13 and 18 on E. bdy. of Tp., hereinbefore described.
 Thence,
 N. 89° 56' W., on a true line, bet. secs. 12 and 13.
 Over mountainous land; descend SW. slope.
 3.50 Ascend SE. slope.
 12.60 Descend 1260 ft. to cor. of secs. 11, 12, 13 and 14.
 16.40 Trail, brs. N. and S.
 20.20 Trail, brs. N. and S.
 28.40 Trail, brs. NE. and SW.
 35.40 Trail, brs. NE. and SW.
 37.20 Trail, brs. N. 70° E. and SW.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 12
 $\frac{1}{4}$
 S 13
 1916

55.30 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Intersect NE. end line (3-4) of "Copper Carbonate" patented mining claim, Mineral Survey No. 2572, at a point 32 lks. N. 51° 6' W. from Cor. No. 4 thereof. Thence across said claim.
 66.61 Intersect NW. side line (2-3) of said claim, at a point 706 lks. S. 39° 23' W. from Cor. No. 3 thereof. Leave patented mineral land.
 71.27 Trail, brs. NE. and SW.
 72.52 Foot of slope.
 76.42 Trail, brs. SE. and N. 70° W.
 80.02 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous. Soil, rocky, 3rd and 4th rate,
 No timber. Undergrowth, catclaw, palo verde, cactus and ocotilla.

Subdivision lines of Township 3 South, Range 13 East. 23

Chains.

N.0°01'W., bet.secs.11 and 12.
Over mountainous land.

2.00

Trail, brs.SE. and W.

4.09

Intersect SE.side line (1-5) of "Sweepstake" patented mining claim,Mineral Survey No.2572 at a point 332 lks.N.43°52'E. from Cor.No.1 thereof. Thence across patented mineral land.

10.39

Spur,slopes W.

27.50

Wash, 1' ch.wide,10 ft. deep, course W.

39.20

Road, brs.NE. and SW.

40.00

Set an iron post, 3 ft.long, 1 in. indiam.,12 ins. in the ground, in rock mound, for 1/4 sec.cor., marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft.high,W.of cor. Blacksmith shop,brs.N.45°W., 1 ch.dist.

51.81

Telephone line, brs.NE. and SW.

63.86

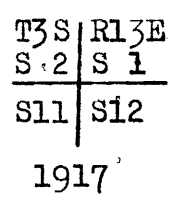
Intersect N. side line of "Granite" patented mining claim, Mineral Survey No.2465, at a point 33 lks. S.83°4'W. of cor. No.2 thereof. Leave patented Mineral land.

69.24

Spur,slopes W.

80.00

Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.1,2, 11 and 12, marked on brass cap,



Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor. Land,mountainous, drains W. Soil,rocky,4th rate. No timber. Undergrowth, palo verde, catclaw and scrub oak.

S.89°56'E., on a random line, bet. secs.1 and 12.

40.00

Set temp.1/4 sec.cor.

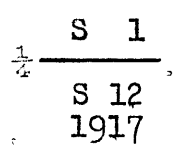
80.06

Intersect E. bdy.of Tp., 9 lks.N.of the cor.of secs.1,6, 7 and 12,hereinbefore described.

Thence, N.89°52'W., on a true line,bet.secs.1 and 12. Over broken and mountainous land;descend.

40.03

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



Raise a mound of stone, 3 ft.base, 2 ft.high,N.of cor. Telephone line, bears NE. and SW.

63.90

The cor.of secs.1,2,11 and 12.

80.06

Land,broken and mountainous.

Soil,rocky, 4th rate.

No timber.

Undergrowth,palo verde,catclaw and scrub oak.

N.0°01'W., on a random line, bet. secs.1 and 2.

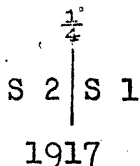
40.00

Set temp.1/4 sec.cor.

24 Subdivision lines of Township 3 South, Range 13 East.

Chains.

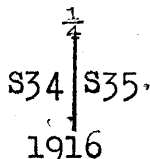
79.78 Intersect the N.bdy. of the Tp., 12 lks. E. of the cor. of secs. 1, 2, 35 and 36, hereinafore described.
 Thence,
 S. 0° 06' E., on a true line, bet. secs. 1 and 2.
 Over broken and mountainous land.
 16.00 Draw, 1 ch. wide, with stream of running water, 2 lks. wide, 1 in. deep, course W.
 39.78 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on brass cap,



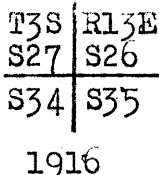
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend.
 47.94 Spur, slopes W.
 77.28 Rustler Gulch, with stream of running water, 10 lks. wide, 2 ins. deep, course W.
 79.78 The cor. of secs. 1, 2, 11 and 12.
 Land, broken and mountainous, drains W.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.

 From the cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp., hereinafore described,
 N. 0° 01' W., bet. secs. 34 and 35.
 Over mountainous land.

Along NW. slope.
 11.00 Ravine, 125 ft. deep, course W.
 17.40 Spur, slopes W.
 18.00 Descend NW. slope.
 26.50 Ravine, course W.
 39.65 Main ridge of Pinal Mountains, brs. SE. and NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend NE. slope.
 40.40 Ravine, course E.
 50.20 Spur, slopes E.
 53.10 Descend N. slope.
 54.80 Ravine, course E.
 63.70 Small spur, slopes E.
 74.50 Ravine, course N. 70° E.
 78.50 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,



Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. Land, mountainous.
 Soil, 3rd and 4th rate, rocky. No timber.
 Undergrowth, cactus, palo verde, catclaw and ocotilla.

Subdivision lines of Township 3 South, Range 13 East.

Chains.

40.00 East, on a random line, bet. secs.26 and 35.
Set temp. $\frac{1}{4}$ sec.cor.

79.76 Fall 2 lks.N.of the cor.of secs.25,26,35 and 36.
Thence,
N.89°59'W., on a true line, bet. secs.26 and 35.
Over rocky rolling land.

1.26 Ravine, course S.70°E.
39.88 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{c} S 26 \\ \hline S 35 \\ 1916 \end{array}$$

77.26 Raise a mound of stone, 3 ft.base,2 ft.high,N.of cor.
Wash,course S,70°E.

79.76 The cor.of secs,26,27, 34 and 35.
Land,rolling and broken.
Soil,3rd and 4th rate,rocky.
Undergrowth,cactus,palo verde, catsclaw and ocotilla.
No timber.

40.00 N.0°01'W., bet. secs. 26 and 27.
Over mountainous land,thru.scatterng undergrowth.
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{c} S27 | S26 \\ \hline 1916 \end{array}$$

54.00 Raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.
Wash,1 ch.wide, 4 ft. deep, course SE.

68.50 Ravine, 5 chs.wide, 40 ft. deep, course SE.

75.20 Descend steep NE.slope.

80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 24 ins. in
the ground, for cor.of secs.22,23,26 and 27, marked
on brass cap,

$$\begin{array}{c} T3S | R13E \\ S22 | S23 \\ \hline S27 | S26 \\ 1916 \end{array}$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.high,W.of cor.
Land,mountainous.
Soil,3rd and 4th rate, rocky.
No timber.
Undergrowth, cactus, catclaw, palo verde.

39.00 S.89°59'E., on a random line, bet. secs.23 and 26.
Set temp.witness cor.to $\frac{1}{4}$ sec.cor.

79:94 Intersect the cor:of secs. 23,24,25 and 26.
Thence,
N.89°59' W., on a true line, bet. secs.23 and 26.
Over mountainous land.

13.84 Ravine, 6 chs.wide, 100 ft.deep,course SE.; heads 6 chs.
NW.

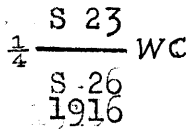
39.97 True point for $\frac{1}{2}$ sec.cor. falls in wash,125 lks.wide,3 ft.
deep, course SE.

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

Subdivision lines of Township 3 South, Range 13 East.

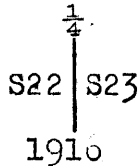
26

Chains.

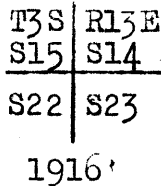


49.24 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Wash, 50 lks. wide, 4 ft. deep, course NE.
 49.74 Road, Kelvin to Ray, brs. SE. and NW.
 79.94 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 No timber.
 Undergrowth, cactus, palo verde, catsclaw and greasewood.

2.80 N. 0° 01' W., bet. secs. 22 and 23.
 12.30 Over broken and mountainous land.
 Wash, 100 lks. wide, 3 ft. deep, course N. 60° E.
 12.30 Wash, 100 lks. wide, 4 ft. deep, course S. 70° E.
 Ascend SW. slope.
 20.30 Top of ascent.
 28.90 Descend NE. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



40.05 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.
 40.50 Wash, 50 lks. wide, 2 ft. deep, course E.
 43.10 Ascend S. slope.
 45.50 Small spur, slopes E.
 48.00 S. side of ravine, 5 chs. wide, 50 ft. deep, course E.
 50.50 Wash, 50 lks. wide, 3 ft. deep, course E.
 61.40 Along rough, broken E. slope.
 71.00 Descend NE. slope.
 72.12 Ravine, course E.
 73.80 A post marked "WEC S 1 EEC S 3," brs. W. 12 lks.
 80.00 Small spur, brs. E. and W.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 14, 15, 22 and 23, marked
 on brass cap,



Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of
 cor.
 Land, broken and mountainous.
 Soil, 3rd and 4th rate, rocky.
 No timber.
 Undergrowth, cactus, palo verde, catclaw and ocotilla.

40.00 S. 89° 59' E., on a random line, bet. secs. 14 and 23.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
 13, 14, 23 and 24.
 Thence,
 West, on a true line, bet. secs. 14 and 23.
 Over broken, mountainous land. Across patented mineral land.
 10.00 Descend.
 15.00 Ravine, course N. 70° E.

Subdivision lines of Township 3 S. R. 13 E.

Chains.

- 15.80 Road, Ray to Kelvin, bears NE. and SW.
- 22.30 Small spur, slopes NE.
- 24.00 Power line, bears N. and S.
- 30.20 Ravine, course N. 80° E.
- 34.98 Intersect W. side line (3-4) of "Green Dragon" patented mining claim, Mineral Survey No. 2611, at a point 777 lks. N. 11° 10' W. from Cor. No. 3, thereof. Leave patented mineral land.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap.

S 14

1/4
S 23
1916

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

- 40.50 Ravine, 2 chs. wide, 30 ft. deep, course NE.
- 44.44 SW. house of Sonora, bears N. 69° 50' W.
- SE. house of Sonora, bears N. 23° W.
- Road, bears NE. and SW.; asc. gradual NE. slope.
- 53.40 Top of asc.
- 60.00 Ravine, course N. 80° E.
- 75.22 SW. house of Sonora, bears N. 12° W.
- SE. house of Sonora, bears N. 54° W.; Desc. NW. slope.
- 80.02 The cor. of secs. 14, 15, 22 and 23.
- Land, mountainous.
- Soil, 3rd and 4th rate.
- No timber.
- Undergrowth, cactus, palo verde, cat claw, ocotilla and yucca.

N. 0° 01' W., bet. secs. 14 and 15.
Over broken, mountainous land, drains E.

- 8.81 Intersect S. end line(1-2) of "Behrens" patented mining claim, Mineral Survey No. 3031, at a point 253 lks. S. 67° 22' 42" E. from cor. NO.2 thereof. Thence across patented mineral land.
- 31.04 Offset 2 chs. W. to avoid houses in Sonora.
- Thence,
N. 0° 01' W., on offset line, 8.96 chs.
- 8.96 Road, Ray to Sonora, bears S. 70° E. and N. 70° W.
- Thence,
East, 2 chs., returning to sec. line at
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap.

1/4
S 15 | S14
1917

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

- 51.43 Road, Ray to Superior, in Copper Canyon, course N. 70° E.
- 62.42 Spur, slopes: E.
- 77.27 Telephone line, bears NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap,

E 2.00
NO. 11 W. S. 96
W 200

Subdivision lines of T. 3 S., R. 13 E.

Chains.

T3S R13E
 S10 S11
 S15 S14
 1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, broken mountains.
 Soil, rocky, 4th rate.
 Undergrowth, palo verde and cactus.
 No timber.

- 40.00 East, on a random line, bet. secs. 11 and 14.
 79.95 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 32 lks. S. of the cor. of secs. 11, 12, 13 and 14.
 Thence,
 S. $89^{\circ} 46'$ W., on a true line, bet. secs. 11 and 14.
 Over broken land, thru scattering undergrowth.
 .24 Intersect E. side line (3-4) of "Sattelite" patented mining claim, Mineral Survey No. 1581, at a point 326 lks. S. $18^{\circ} 30'$ E., from Cor. No 3, thereof. Thence across patented mineral land.
 10.62 Intersect N. end line (2-3) of "Saturn", same survey, at a point 77 lks. S. $71^{\circ} 30'$ W. from Cor. No. 3, thereof. Leave patented mineral land.
 13.16 Trail, bears NE. and SW.
 14.60 Intersect E. end line (3-4) of "Thomas" patented mineral claim, Mineral Survey No. 1581, at a point 126 lks., N. $18^{\circ} 30'$ W. from Cor. No 4. thereof. Thence across patented mineral land.
 22.12 House bears N. lchain dist.
 25.74 Road, bears SE. and NW.
 39.97 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 11
 $\frac{1}{4}$
 S 14
 1917

- 45.64 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 46.84 Street of Ray, bears N. and S.
 49.84 SW. cor. of blacksmith ship.
 Mineral Creek, running water, 50 lks. wide, 6 ins. deep, course S.
 51.84 Railroad track, bears S. 20° E. and N. 20° W.
 72.41 Water tenk bears. N. 15 lks. dist.
 77.17 Pipe line, bears NE. and SW.
 79.95 The cor. of secs. 10, 11, 14 and 15.
 Land, broken.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.

From a point, 2 chs. W. of cor. of secs. 10, 11, 14 and 15, N. $0^{\circ} 01'$ W., on offset line in sec. 10, to avoid houses.
 Over rolling land, and thru scattering undergrowth.
 Along gentle E. slope, across patented mineral land.

Subdivision lines of T. 3 S. R. 13 E.

Chains.

- .95 Pipe line bears E. and W.
- 5.00 Road, bears NE. and SW.
- 10.34 Offset E., 1.15 chs.
Thence N. 0° 1' W., on offset line in sec. 10 continuing measurement.
- 20.25 Wash, 2 chs. wide, 5 ft. deep, course E.
- 22.85 Offset E. 60 lks., Thence N. 0° 1' W., on offset line in sec. 10.
- 23.15 Junction of two streets, which bear N. 83° 30' W. and N. 6½° E.
- 25.85 Center of street, which bears N. 83½° W/
- 28.25 Center of street, bears N. 83½° W. Offset E. 25 lks. to point on sec. line at
- 28.48 Thence N. 0° 1' W., on true line.
- 30.48 Road, Ray to Superior, bears E. and W.
- 38.43 M.M.No. 2718, which is a sandstone. 14x12x8 ins., bears S. 44° 17' E., 10.10 chs. dist..
- 39.60 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in. the ground, for witness ^{cor} to ¼ sec. cor., marked on brass cap.

E. 225
 S. 40
 N. 83½
 E. 660
 N. 0° 1' W. 12.51
 E. 1.15
 N. 83½
 N. 0° 1' W. 12.51
 E. 1.15
 Sec Cor
 28.25

W C
¼

S 10 | S 11

1917

- Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 40.00 True point for ¼ sec. cor. falls in wash, 1 ch. wide, 5 ft. deep, course E.
- 44.31 Intersect N. end line (3-4) of "Mineral Zone" patented mineral claim, Mineral Survey No. 2605, at a point .150 lks. S. 85° 14' E. from cor. No. 3, thereof. Leave patented mineral land.
- 62.81 Road to Cemetery, bears SE. and NW.
- 70.75 Cemetery, bears W. 4 chs. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone for the cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T3S R13E
S 3 | S 2
S10 | S11
1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling and broken.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, buck brush and cactus.

- 40.00 N. 89° 46' E., on a random line, bet. secs. 2 and 11. Set temp. ¼ sec. cor.
- 79.91 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11 and 12
Thence
S. 89° 50' W., on a true line bet. secs. 2 and 11. Over broken land, thru. scattering undergrowth.
- 7.15 Creek, 5 lks. wide, 1 in. deep, course S. 80° W/, in Rustler Gulch.
- 39.95½ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in rock mound, for ¼ sec. cor., marked on brass cap

Subdivision lines in T/ 3 S. R. 13 E.

Chains

S 2
1/4
S11
1917

62.48 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 63.41 Tin house, bears S. 50 lks. dist.
 67.50 Road, bears N. and S.; enter creek bottom.
 67.50 Intersect. line(4-5) of " HOMESTEAD" patented Mineral e
 claim, Mineral Survey No. 2917, at a point 5.44 chs.
 S. 2° 37' W. from cor. No. 5, thereof. Thence across
 . patented mineral land.
 68.41 Mineral Creek, running water, 50 lks. wide, 6 ins. deep,
 course S. Thence in creek bottom.
 70.96 Intersect. line (1-6) of " Homestead" patented mining
 claim, Mineral Survey No. 2917, at a point 5.02 chs.
 S. 2) 16' W. from cor. No. 6 thereof. Leave patented
 mineral land.
 78.94 Leave creek bottom.
 79.91 The cor. of secs. 2, 3, 10 and 11.
 Land, broken.
 Soil, rocky, 4th rate.
 Undergrowth, palo verde, greasewood, buck brush and
 cactus.
 No timber.

 N. 0° 01' W., on a random line, bet. secs. 2 and 3.
 40.00 Set temp. 1/4 sec. cor.
 80.10 Intersect N. bdy. of Tp., 18 lks. E. of the cor. of secs.
 2, 3, 34 and 35, hereinbefore described.
 Thence,
 S. 0° 09' E., on a true line, bet. secs. 2 and 3.
 40.00 Over broken, mountainous land, thru scattering under-
 28.10 growth, N. bdy. of Tp., 18 lks. E. of the cor. of
 28.10 Mineral Creek, 50 lks. wide, 6 ins. deep, course S. 10° E.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for 1/4 sec. cor., marked on brass cap,

S 3 | S 2

1917

80.10 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 The cor. of secs. 2, 3, 10 and 11.
 Land, broken mountains.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.

 From the cor. of secs. 3, 4, 33 and 34, on the S. bay of
 the Tp., hereinbefore described,
 N. 0° 02' W., on a true line, bet. secs. 33 and 34.
 Over mountainous land, thru, scattering undergrowth.
 Asc. E. slope 150 ft.
 8.00 Top of ascent, thence along E. slope.
 10.70 Desc. NE. slope, 110 ft.
 15.50 Along E. slope.
 23.80 Asc. SE. slope.
 30.30 Asc. rough, rocky SW. slope, 665 ft.
 34.30 Ravine, 1 ch. wide, 35 ft. deep, course SW.
 40.00 Set iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground, in rock mound, for 1/4 sec. cor., marked on
 brass cap.

1/4
S33 | S34

1916

Subdivision lines of Township 3 South, Range 13 East. 31

Chains.

73.80 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 80.00 Draw, course SW.
 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, in rock mound, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T3S	R13E
S28	S27
S33	S34

1916

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 Undergrowth, cactus, palo verde, catclaw and ocotillo.
 No timber.

40.00 East, on a random line, bet. secs. 27 and 34.
 80.16 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence,
 S. 89° 57' W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, thru. dense undergrowth.
 Ascend 660 ft. on E. slope.

32.40 Top of main ridge, of Pinal mountains, brs. N. and S.
 40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

S 27
¼
S 34
1916

42.66 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 47.90 Ravine, course S.
 61.76 Spur, slopes S.
 65.00 Ravine, course SE.
 74.66 Spur, slopes SW.; descend 260 ft.
 80.16 Ravine, course SW.
 The cor. of secs. 27, 28, 33 and 34.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 No timber.
 Undergrowth, cactus, palo verde, and ocotillo.

9.70 N. 0° 02' W., bet. secs. 27 and 28.
 14.60 Over mountainous land, thru. scattering undergrowth.
 21.10 Ascend steep, broken SW. slope.
 31.30 Top of ascent.
 35.20 Draw, course W.
 40.00 Center of ravine, 5 chs. wide, 75 ft. deep, course W.
 Spur, slopes W.
 Ravine, 5 chs. wide, 75 ft. deep, course W.; ascend.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼
S28 S27
1916

61.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Top of ascent; thence along steep W. slope of main ridge

Subdivision lines of Township 3 South, Range 13 East.

32

Chains.

of Pinal Mountains, the top of which is about 2 chs. E., and 50 ft. higher.

65.50 Top of main ridge of Pinal Mountains, brs. SE. and NW.; descend steep NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap,

T3S	R13E
S21	S22
S28	S27

1916

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous.
Soil, 3rd and 4th rate, rocky.
Undergrowth, cactus, palo verde, ocotilla and catclaw.
No timber.

N. 89° 57' E., on a random line, bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.82 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,

N. 89° 57' W., on a true line, bet. secs. 22 and 27.

Over mountainous land.

8.30 Wash, 150 lks. wide, 3 ft. deep, course N. 80° E.

20.50 Descend SW. slope.

23.90 Wash, 150 lks. wide, 3 ft. deep, course S. 85° E.

27.40 Leave wash.

34.50 Wash, 1 ch. wide, 6 ft. deep, course SE.

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

S 22
$\frac{1}{4}$
S 27
1916

65.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Spur, slopes NE.

73.00 Ravine, course NE.

79.82 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.

Soil, 3rd and 4th rate, rocky.

Undergrowth, cactus, palo verde, catclaw, ocotillo, and scrub oak.

No timber.

N. 0° 02' W., bet. secs. 21 and 22.

Over mountainous land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S21 S22
1917

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

42.12 Spur, slopes E.

56.25 Draw, course E.

70.00 Spur, slopes E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.

Subdivision lines of Township 3 South, Range 13 East.

Chains.

in the ground, in rock mound, for cor. of secs. 15, 16, 21 and 22, marked on brass cap,

T3S R13E
S16|S15
S21|S22
1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous.
Soil, 4th rate, rocky.
Undergrowth, palo verde, and cactus.
No timber.

40.00 S. 89° 57' E., on a random line, bet. secs. 15 and 22.
Set temp. 1/4 sec. cor.
79.70 Intersect the cor. of secs. 14, 15, 22 and 23.
Thence, N. 89° 57' W., on true line, bet. secs. 15 and 22
Over broken, mountainous land, sloping gently to NE.
39.50 Wash, 1 chain wide, 10 ft. deep, course NE.
39.85 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap.

S 15
1/4
S 22
1917

51.70 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Road, bears NE. and SW.
Asc. E. slope.
79.70 The cor. of secs. 15, 16, 21 and 22.
Land, broken and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cactus and palo verde.

5.00 N. 0° 02' W., bet. secs. 15 and 16.
28.14 Over broken, mountainous land, thru scattering undergrowth.
40.00 Gulch, course E.
Spur, slopes E.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4
S16|S15
1917

52.04 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Intersect S. side line (2-3) of "Garnash" patented mining claim, Mineral Survey No. 2600, at a point 376 lks. S. 66° 43' E. from Cor. No. 3 thereof. Thence over patented mineral land.
64.33 Wash, 2 chs. wide, course S. 70° E., in Copper Canyon; road follows wash.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

T3S R13E
S 9|S10
S16|S15
1917

Subdivision lines of Township 3 South, Range 13 East.

Chains.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Undergrowth, palo verde, cactus.
No timber.

40.00 S. 89° 57' E., on random line, bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect the cor. of secs. 10, 11, 14 and 15.

Thence,

N. 89° 57' W., on a true line, bet. secs. 10 and 15.

Over broken, mountainous land, thru dense undergrowth,
across patented mineral land.

Asc. over E. slope.

5.00 Road, bears NE. and SW.

17.04 Two telephone lines, one bears N. and S., and another
S. 70° E., and N. 70° W.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on
brass cap,

S 10
 $\frac{1}{4}$ ———
S 15
1917

Raise a mound of stone, 3 ft. base, 2 ft. high N. of
cor.

Asc. ESE. slope to

59.90 Asc. over S. slope.

79.88 The cor. of secs. 9, 10, 15 and 16.

Land, broken and mountainous.

Soil, 4th rate, rocky.

No timber.

Undergrowth, palo verde, and cactus.

N. 0° 02' W., bet. secs. 9 and 10.

Over broken mountainous land, thru scattering undergrowth,
across patented mineral land.

Asc. S. slope.

4.32 Spur, slopes E; desc. N. slope.

16.07 Along E. slope.

26.06 Road, Ray to Superior, bears E. and W.

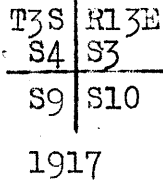
29.79 Intersect NW. end line (3-4) of "Goodenough" patented
mining claim, Mineral Survey No. 2600, at a point 68
lks. N. 49° 15' E. from cor. No. 3 thereof. Leave pat-
ented mineral.

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

$\frac{1}{4}$
S 9 | S10
1917

Chains.

80.00 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Thence along E. slope.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

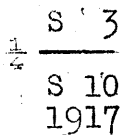


Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, broken mountains.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.

40.00 S. 89°57'E., on a random line, bet. secs. 3 and 10.
 79.84 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 2, 2, 3, 10 and 11.

Thence,
 N. 89°53'W., on a true line, bet. secs. 3 and 10.
 Over broken, mountainous land, thru. scattering undergrowth.

39.92 Ascend general E. slope.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

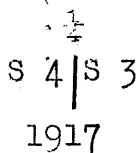


79.84 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. The cor. of secs. 3, 4, 9 and 10.
 Land, broken mountains, drains east.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.
 Some bunch grass.

40.00 N. 0°02'W., on a random line, bet. secs. 3 and 4.
 80.10 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. bdy. of Tp., 34 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence,
 S. 0°17'E., on a true line, bet. secs. 3 and 4.
 Over, broken mountainous land, thru. dense undergrowth, along E. slope.

29.10 Wash, 2 chs. wide, 5 ft. deep, course E.
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



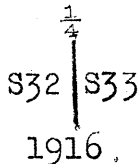
67.86 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 80.10 Spur, slopes E.
 The cor. of secs. 3, 4, 9 and 10.
 Land, broken mountains.
 Soil, 4th rate, rocky.
 No timber.
 Undergrowth, palo verde and catclaw.

36 Subdivision lines of Township 3 South, Range 13 East.

Chains.

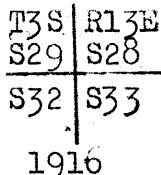
From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described, N. 0° 02' W., bet. secs. 32 and 33. Over mountainous land, thru scattering undergrowth. Ascend rough, broken E. slope. Wash, 50 lks. wide, 6 ft. deep, course E. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on brass cap,

31.50
40.00



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Wash, 120 lks. wide, 20 ft. deep, course S. 25° E. Wash, 50 lks. wide, 4 ft. deep, course SE. Wash, 150 lks. wide, 10 ft. deep, course S. 10° E. Slope, changes to SW. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap,

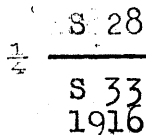
52.00
64.00
71.50
74.50
80.00



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, 3rd and 4th rate, rocky. Undergrowth, scattering cactus, palo verde, catclaw, ocotillo and buck brush. No timber.

East, on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 12 lks. S. of the cor. of secs. 27, 28, 33 and 34. Thence, S. 89° 55' W., on a true line, bet. secs. 28 and 33. Over mountainous land, thru scattering undergrowth. Ravine, 75 lks. wide, 25 ft. deep, course SE. Spur, slopes S. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in mound of stones, for $\frac{1}{4}$ sec. cor., marked on brass cap,

40.00
80.01
17.50
20.60
40.00 $\frac{1}{2}$

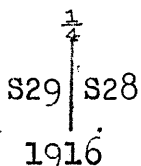


Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Wash, 50 lks. wide, 6 ft. deep, course SW. Wash, 75 lks. wide, 6 ft. deep, course S. Ascend. Top of ascent. Ravine, course S. Descend SW. slope. The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, 3rd and 4th rate, rocky. Undergrowth, cactus, palo verde, catclaw, ocotilla and buck brush. No timber.

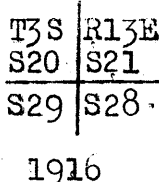
49.00
52.20
63.50
66.00
70.70
80.01

Chains.

N.0°02'W. bet. secs.28 and 29.
 Over mountainous land, thru scattering undergrowth,
 Ascend SW.slope, 95 ft.
 2.10 Along W. slope.
 7.00 South side of ravine, 6 chs.wide, 100 ft. deep, course S. 80°
 W.
 15.00 Descend NW.slope.
 25.60 Wash, 75 lks.wide, 3 ft. deep, course SW.
 27.90 Ascend rough, broken SW.slope, 615 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the
 ground, in rock mound, for $\frac{1}{4}$ sec.cor., marked on brass
 cap,

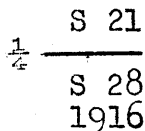


62.60 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Ravine, course SW.; ascend S.slope.
 75.30 Top of ascent.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
 of stone, for cor. of secs. 20, 21, 28 and 29, marked on
 brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 No timber.
 Undergrowth, cactus, ocotilla; palo verde and buck brush.

 40.00 N. 89°55'E., on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 21,
 22, 27 and 28.
 Thence,
 S. 89°57'W., on a true line, bet. secs. 21 and 28.
 Over mountainous land, thru scattering undergrowth.
 Ascend broken NE. slope.
 8.90 Top of main ridge of Pinal Mountains, brs. S. 30°E. and N. 30°
 W.; descend W. slope.
 24.00 Ravine, course SW.
 34.60 Spur, slopes S.
 38.30 Ravine, course S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on
 brass cap,



49.80 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Spur, slopes S. 80°W.
 80.00 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 Undergrowth, cactus, palo verde, catclaw and ocotilla.
 No timber.

28 Subdivision lines of Township 3 South, Range 13 East.

Chains.

N.0°02'W., bet. secs.20 and 21.
Over broken, mountainous land, thru scattering undergrowth.
Descend.

6.53 Gulch, 20 lks.wide, course SW.
14.12 Spur, slopes SW.
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$
S20 | S21
1917

57.87 Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
80.00 Spur, slopes W.

Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.16,17,20 and 21, marked
on brass cap,

T3S | R13E
S17 | S16
S20 | S21
1917

Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
Land, broken mountains, drains SW., ~~thru scattering undergrowth.~~
Soil, sandy, 3rd rate.
No timber.
Undergrowth, palo verde, catclaw and cactus.

40.00 N.89°57'E., on random line, bet. secs.16 and 21.
79.87 Set temp. $\frac{1}{4}$ sec.cor.
Intersect N. and S. line 7 lks.S.of the cor.of secs.15,16,
21 and 22.

Thence,
S.89°54'W., on a true line, bet.secs.16 and 21.
Over broken land.

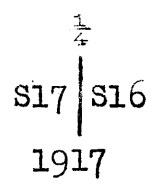
13.06 Spur, slopes NE.
26.64 Gulch, 20 lks.wide, course N.70°E.
39.93 $\frac{1}{2}$ Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 16
S 21
1917

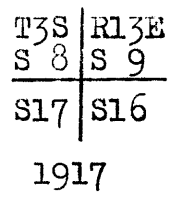
44.87 Raise a mound of stone, 3 ft. base, 2 ft.high, N.of cor.
79.87 Ridge, brs.NE. and SW.(highest point in this range).
The cor.of secs.16,17,20 and 21.
Land, broken mountains.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, catclaw and cactus.

19.74 N.0°02'W., bet. secs.16 and 17.
40.00 Over mountainous land, thru dense undergrowth.
Along SW. slope, thru ~~scattering undergrowth.~~
Spur, slopes W.
Spur, slopes N.70°W.
Set an iron post, 3 ft.long, 1 in. in diam., 18 ins. in
the ground, in rock mound for $\frac{1}{4}$ sec.cor., marked on
brass cap,

Chains.

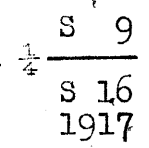


66.69 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend NE. slope.
 Wash, 2 chs. wide, course E.
 Road, Ray to Superior, brs. E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken mountains; S. half drains SW.; N. half, E. Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, catclaw, buck brush and cactus.

40.00 N. 89°54'E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
 79.95 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 9, 10, 15 and 16.
 Thence,
 S. 89°49'W., on a true line, bet. secs. 9 and 16.
 Over broken, mountainous land, thru. scattering undergrowth, across patented mineral land; descend.
 12.20 Foot of descent.
 15.42 Intersect NW. end line (3-4) of New Year No. 1 patented mining claim, Mineral Survey No. 2600 at a point 254 lks. N. 22°30' E. from Cor. No. 3 thereof. Leave patented mineral land.
 20.57 Road, Ray to Superior, brs. N. 10°E. and S. 70°W.
 39.97 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



54.43 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. An old shaft, brs. S. 1 chain.
 64.90 Spur, slopes S.
 79.95 Gulch, 20 lks. wide, course S.
 The cor. of secs. 8, 9, 16 and 17.
 Land, broken mountains.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering palo verde, cactus and catclaw.

37.80 N. 0°02'W., bet. secs. 8 and 9.
 40.00 Over broken, mountainous land, thru. scattering undergrowth. Ascend S. slope.
 Spur, slopes S., 70° W.
 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

40 Subdivision lines of Township 3 South, Range 13 East.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 8 \mid \text{S } 9 \\ 1917 \end{array}$$

55.29 Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Ascend steep, S. slope.
 65.00 Along precipitous SW. slope.
 80.00 Top of ridge, brs. SE. and NW.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 4, 5, 8 and 9, marked on
 brass cap,

$$\begin{array}{c} \text{T3S} \mid \text{R13E} \\ \text{S } 5 \mid \text{S } 4 \\ \text{S } 8 \mid \text{S } 9 \\ 1917 \end{array}$$

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, broken mountains, drains S. and SW.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering palo verde, catsclaw, cactus and
 buck brush.

40.00 N. $89^{\circ}49'$ E., on a random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.05 Intersect the cor. of secs. 3, 4, 9 and 10.
 Thence,
 S. $89^{\circ}49'$ W., on a true line, bet. secs. 4 and 9.
 26.00 Over, broken, mountainous land, thru. scattering undergrowth.
 Spur, slopes SE.; thence along S. slope of Teapot Mountain.
 40.02 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the
 ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass
 cap,

$$\begin{array}{c} \text{S } 4 \\ \frac{1}{4} \text{---} \\ \text{S } 9 \\ 1917 \end{array}$$

69.30 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 80.05 Draw, 1 chain wide, course S. 20° E.
 The cor. of secs. 4, 5, 8 and 9.
 Land, broken mountains, drains S., Highest point in Tp.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, catclaw and cactus.

40.00 N. $0^{\circ}02'$ W., on a random line, bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.32 Intersect N. bdy. of Tp., $3\frac{1}{2}$ lks. E. of the cor. of secs. 4, 5,
 32 and 33, hereinbefore described.
 Thence,
 S. $0^{\circ}18'$ E., on a true line, bet. secs. 4 and 5.
 13.00 Over broken, mountainous land, thru. scattering undergrowth.
 Draw, 50 lks. wide, course S. 70° W.
 40.32 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
 brass cap,

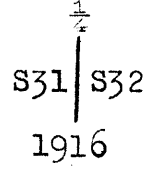
$$\begin{array}{c} \text{S } 5 \mid \text{S } 4 \\ 1917 \end{array}$$

Subdivision lines of Township 3 South, Range 13 East. 41.

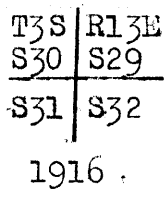
Chains.

74.62 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 80.32 Low saddle, brs. E. and W.
 The cor. of secs. 4, 5, 8 and 9.
 Land, broken mountains, drains SW.
 Soil, 4th rate, rocky.
 No timber.
 Undergrowth, palo verde, catclaw.

From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.;
 hereinbefore described,
 N. 0° 03' W., bet. secs. 31 and 32.
 Over mountainous land, thru. scattering undergrowth.
 Ascend steep S. slope, 25 ft.
 1.00 Spur, slopes W.
 7.30 Ravine, course W.; ascend steep S. slope, 480 ft.
 19.20 Ridge, brs. E. and W.; descend NW. slope, 250 ft.
 36.50 Foot of descent; ascend SW. slope, 500 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
 brass cap,

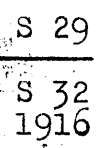


46.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 65.70 Ravine, 5 chs. wide, 125 ft. deep, course W.
 66.50 Ridge known as the "Spine" brs. SE. and NW.
 80.00 Descend NE. slope, 255 ft.
 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in
 the ground, in rock mound, for cor. of secs. 29, 30, 31
 and 32, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, mountainous.
 Soil, 3rd and 4th rate, rocky.
 No timber.
 Undergrowth, cactus, palo verde, catclaw, ocotilla and
 buck brush.

40.00 East, on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 28 lks. N. of the cor. of secs. 28, 29, 32 and 33.
 Thence,
 N. 89° 48' W., on a true line, bet. secs. 29 and 32.
 Over mountainous land, thru. scattering undergrowth.
 2.40 Wash, 60 lks. wide, 3 ft. deep, course S. 10° E.
 12.90 Top of hill.
 27.00 Wash, 50 lks. wide, 3 ft. deep, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

42. Subdivision lines of Township 3 South, Range 13 East.

Chains.

67.20 Ravine, course NW.
80.00 The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, 3rd and 4th rate, rocky.
No timber.
Undergrowth, cactus, palo verde, ocotilla, and catclaw.

West, on a random line, bet. secs. 30 and 31.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
78.80 Intersect W. bdy. of Tp.; 25 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
Thence,
N. $89^{\circ}49'E.$, on a true line; bet. secs. 30 and 31.
Over mountainous land thru scattering undergrowth.
2.80 Wash, 1 chain wide, 3 ft. deep, course S. $10^{\circ}W.$
3.00 Road, brs. N. $10^{\circ}E.$ and S. $10^{\circ}W.$
7.00 Leave gulch, and ascend rough, broken, W. slope.
38.80 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 30
 $\frac{1}{4}$ -----
S 31
1916

69.00 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
78.80 The "Spine," brs. SE. and NW.; descend NE. slope.
The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, 3rd and 4th rate, rocky.
No timber.
Undergrowth, scattering cactus, palo verde, catclaw and ocotilla.

N. $0^{\circ}03'W.$, bet. secs. 29 and 30.
Over mountainous land, thru scattering undergrowth.
Descend steep broken NE. slope.
28.90 Ravine, 250 lks. wide, 60 ft. deep, course W.
33.00 Ravine, 3 chs. wide, 60 ft. deep, course S. $80^{\circ}W.$
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$

S30 | S29

1916

48.30 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Descend NW. slope.
51.20 Wash, 1 ch. wide, 6 ft. deep, course S. $80^{\circ}W.$
57.00 Ascend S. slope.
65.80 Top of hill, extends about 10 chs. SW., and 15 chs. NE.
75.00 Wash, 50 lks. wide, 3 ft. deep, course NW.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,

T3S | R13E

S19 | S20

S30 | S29

1916

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, 3rd and 4th rate, rocky.

Subdivision lines of Township 3 South, Range 13 East. 43.

Chains.

No timber.
Undergrowth, cactus, palo verde, catclaw, ocotilla and buck brush.

40.00 S.89°48'E., on a random line, bet. secs. 20 and 29.
Set temp. $\frac{1}{4}$ sec.cor.
80.00 Fall 8 lks.S.of the cor.of secs.20,21,28 and 29.
Thence,
N.89°51'W., on a true line, bet.secs.20 and 29.
Over broken,mountainous land,thru.scattering undergrowth.
9.00 Gulch,20 lks.wide, course SW.
19.90 Spur,slopes SW.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

S 20
 $\frac{1}{4}$ —————
S 29
1917

57.86 Raise a mound of stone, 3 ft. base, 2 ft.high,N.of cor.
80.00 Wash, 2 chs.wide, 2 ft. deep, course SW.
The cor.of secs.19,20,29 and 30.
Land,broken mountains, drains SW.
Soil,rocky, 4th rate.
No timber.
Undergrowth, scattering palo verde and cactus.

40.00 S.89°49'W., on a random line, bet. secs.19 and 30.
Set temp. $\frac{1}{4}$ sec.cor.
78.65 Intersect W. bdy.of Tp., 4 lks.N. of the cor.of secs.19, 24,25 and 30, hereinbefore described.
Thence,
N.89°47'E., on a true line, bet. secs.19 and 30.
Over mountainous land,thru.scattering undergrowth,across patented mineral land.
7.75 Intersect NW. end line (3-4) of "June Bug" patented mineral claim, Mineral Survey No.2602, at a point 365 lks. N.28°22'E. from Cor.No.3 thereof. Thence across patented mineral land.
7.87 U.S.M.M.No.2602, brs.N.66°14'E.
14.75 Road brs.E. and NW.
18.25 Road brs.SE. and W.
31.24 Ridge,brs.N. and S., near S.end; descend 500 ft.
33.50 Intersect SE. end line (1-2) of "Cochise" patented mineral claim, Mineral Survey No.2602, at a point 213 lks. S.28°22'W. from Cor.No.1 thereof. Leave patented mineral land.
34.72 Intersect the SW.side line (2-3)of "Copper Butte No.6" patented mining claim, Mineral Survey No.2602, at a point 108 lks.S.61°38'E. from Cor.No.2 thereof.Thence across patented mineral land.
38.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

S 19
 $\frac{1}{4}$ —————
S 30
1916

38.90 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft.high,N.of cor.
52.15 From a point 16 lks.N. of cor., U.S.M.M. No.2602,brs. N.46°20'W.
Trail, brs.N. and S.
Ravine, 150 lks.wide, 30 ft.deep,course S.80° E.

44. Subdivision lines of Township 3 South, Range 13 East,

Chains.										
53.91		Intersect NE. side line (1-4) of "Copper Butte No. 6" patented mining claim, Mineral Survey No. 2602, at a point 492 lks. N. 61° 38' W. from Cor. No. 4 thereof. Leave patented mineral land.								
59.15		Foot of descent.								
62.15		Road brs. N. and S.								
78.65		Wash, 250 lks. wide, 3 ft. deep, course S. The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, 3rd and 4th rate, rocky. No timber. Undergrowth, scattering cactus, palo verde, catclaw, ocotilla and buck brush.								

40.00		N. 0° 03' W., bet. secs. 19 and 20. Over broken, mountainous land, thru. scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> $\frac{1}{4}$ <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S19</td> <td style="padding: 0 5px;">S20</td> </tr> <tr> <td colspan="2" style="text-align: center;">1917</td> </tr> </table> </div>	S19	S20	1917					
S19	S20									
1917										
74.68		Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence over gently rolling land.								
80.00		Road, Copper Butte to Ray, bears NE. and SW. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap, <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T3S</td> <td style="padding: 0 5px;">R13E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S18</td> <td style="padding: 0 5px;">S17</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S19</td> <td style="padding: 0 5px;">S20</td> </tr> <tr> <td colspan="2" style="text-align: center;">1917</td> </tr> </table> </div>	T3S	R13E	S18	S17	S19	S20	1917	
T3S	R13E									
S18	S17									
S19	S20									
1917										
		Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, mountainous and rolling, drains SW. Soil, sandy, 3rd rate. Undergrowth, palo verde, catclaw, and heavy cactus. No timber.								

40.00		S. 89° 56' E., on a random line, bet. secs. 17 and 20 (Cor. 1 mile E. is visible).								
80.00		Set temp. $\frac{1}{4}$ sec. cor. Intersect cor. of secs. 16, 17, 20 and 21. Thence, N. 89° 56' W., on a true line, bet. secs. 17 and 20. Over broken and rolling land, thru. scattering undergrowth. Descend gentle W. and SW. slope.								
40.00		Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td style="border-bottom: 1px solid black; padding: 0 5px;">S 17</td> </tr> <tr> <td style="padding: 0 5px;">$\frac{1}{4}$</td> </tr> <tr> <td style="padding: 0 5px;">S 20</td> </tr> <tr> <td style="text-align: center;">1917</td> </tr> </table> </div>	S 17	$\frac{1}{4}$	S 20	1917				
S 17										
$\frac{1}{4}$										
S 20										
1917										
78.20		Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.								
80.00		Road, Ray to Copper Butte, brs. N. 10° E. and S. 20° W. The cor. of secs. 17, 18, 19 and 20. Land, broken and rolling. Soil, sandy, 3rd rate. Undergrowth, palo verde, cactus and catclaw. No timber.								

Subdivision lines of Township 3 South, Range 13 East.

Chains. S. 89°47'W., on a random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.69 Intersect W. bdy. of Tp., 21 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
 Thence,
 N. 89°56'E., on a true line, bet. secs. 18 and 19.
 Over gently rolling land.
 3.90 Wash, 3 chs. wide, 2 ft. deep, course SW.
 38.69 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S	18
$\frac{1}{4}$	—
S	19
..	1917

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 41.58 Small ridge, 10 chs. long, brs. SE. and NW.
 78.69 The cor. of secs. 17, 18, 19 and 20.
 Land, gently rolling, drains SW.
 Soil, sandy, 3rd rate. No timber.
 Undergrowth, palo verde, catclaw and cactus.

N. 0°03'W., bet. secs. 17 and 18.
 Over gently rolling land, thru. heavy undergrowth.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S18		S17
$\frac{1}{4}$		
1917		

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 44.00 Spur, slopes SW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,

T3S		R13E
S 7		S 8
S18		S17
1917		

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling and broken, drains SW.
 Soil, sandy, 3rd rate. No timber.
 Undergrowth, palo verde, catclaw and cactus.

S. 89°56'E., on a random line, bet. secs. 8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Fall 14 lks. N. of the cor. of secs. 8, 9, 16 and 17,
 Thence,
 N. 89°50'W., on a true line, bet. secs. 8 and 17.
 Over broken mountainous land.
 22.38 Road, Ray to Superior, brs. N. and S. 20°E.
 32.50 Road, Ray to Copper Butte, brs. N. 10°E. and S. 20°W.
 39.95 Low divide, brs. SE. and NW.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S	8
$\frac{1}{4}$	—
S	17
1917	

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 79.90 The cor. of secs. 7, 8, 17 and 18.
 Land, broken mountains; E. half drains SE.; W. half SW.
 Soil, rocky, 4th rate. No timber.
 Undergrowth, palo verde, catclaw and cactus.

S. 89°56'W., on a random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.

46 Subdivision lines of Township 3 South, Range 13 East.

Chains. 78.56	Intersect the W.bdy. of the Tp., at the cor. of secs. 7, 12, 13 and 18, hereinbefore described. Thence, N. 89° 56' E., on a true line, bet. secs. 7 and 18. Over broken land, thru. dense undergrowth.
16.15 38.56	Wash, 1 ch. wide, 5 ft. deep, course S. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
	$\begin{array}{r} S \ 7 \\ \hline \frac{1}{4} \\ S \ 18 \\ 1917 \end{array}$
72.90 78.56	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Wash, 2 chs. wide, 1 ft. deep, course S. The cor. of secs. 7, 8, 17 and 18. Land, broken, drains S. and SW. Soil, sandy, 3rd rate. Undergrowth, palo verde, catsclaw and cactus. No timber.

7.94 37.85 40.00	N. 0° 03' W., bet. secs. 7 and 8. Over broken land, sloping gently to the SW. Wash, 2 chs. wide, 5 ft. deep, course S. 20° W.; ascend S. slope. Small ridge, 20 chs. long, brs. E. and W. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
	$\begin{array}{r} S \ 7 \ S \ 8 \\ \hline \frac{1}{4} \\ 1917 \end{array}$
48.19 68.64 80.00	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Spur, slopes SE. Road, Ray to Superior, brs. SE. and NW. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,
	$\begin{array}{r l} T3S & R13E \\ \hline S \ 6 & S \ 5 \\ \hline S \ 7 & S \ 8 \\ 1917 \end{array}$
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, drains S. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, catclaw and cactus.

40.00 79.88	S. 89° 50' E., on a random line, bet. secs. 5 and 8. Set temp. 1/4 sec. cor. Fall 4 lks. S. of the cor. of secs. 4, 5, 8 and 9. Thence, N. 89° 52' W., on a true line, bet. secs. 5 and 8. Over broken, mountainous land, thru. scattering undergrowth. Ascend steep E. slope.
5.32 24.67 25.67 30.41 39.94	Ridge, brs. N. and S. Gulch, 20 lks. wide, course NW. Wire fence brs. NE. and SW. Wire fence brs. SE. and NW. Spur, slopes NW. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
	$\begin{array}{r} S \ 5 \\ \hline \frac{1}{4} \\ S \ 8 \\ 1917 \end{array}$
55.85 79.88	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Wash, 2 chs. wide, course S.; ascend NE. slope. The cor. of secs. 5, 6, 7 and 8. Land, broken mountains, drains SW. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, catclaw and cactus.

40.00	S. 89° 56' W., on a random line, bet. secs. 6 and 7. Set temp. 1/4 sec. cor.

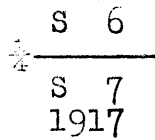
Chains.

78.37 Intersect the W. bdy. of Tp., 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence, N. 89° 57' E., on a true line, bet. secs. 6 and 7. Over broken, mountainous land.

23.74 Ridge, brs. N. and S.

38.37 Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap,



60.94 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Draw, 1 ch. wide, course S.

72.21 Road, Ray to Superior, brs. SE., and N. 20° W.

78.37 The cor. of secs. 5, 6, 7 and 8.

Land, broken mountains, drains S.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, catclaw, buck brush and cactus.

40.00 N. 0° 19' W., on a random line, bet. secs. 5 and 6.

80.23 Set temp. 1/4 sec. cor.

Intersect the N. bdy. of the Tp., 5 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence,

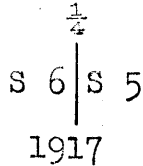
S. 0° 17' E., on a true line, bet. secs. 5 and 6.

Over broken mountainous land, thru. scattering undergrowth. Ascend N. slope.

4.66 Top of gray limestone bluff, 20 ft. high, brs. E. and W.

15.23 Top of ascent.

40.23 Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

47.00 Spur, slopes SE.

58.00 Gulch, 20 lks. wide, course S. 10° E.

80.23 The cor. of secs. 5, 6, 7 and 8.

Land, broken, mountainous. N. 15 chs. drains N.; balance, S.

Soil, shallow and rocky, 3rd rate.

Undergrowth, palo verde, catclaw and cactus.

No timber.

Boundaries of Township 3 South, Range 13 East.
 Latitude, departures, and closing errors.

Line designated.	Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West.,	479.06				479.06
West boundary,	North,	475.83	475.83			
North boundary,	East,	21.68			21.68	
	N.0°8'W, East,	4.45 456.33	4.45		456.33	.01
East boundary,	South,	480.00		480.00		
Convergency,					.47	
Totals,			480.28	480.00	478.48	479.07
			480.00			478.48
Error in latitude,			.28			
Error in departure,						.59

GENERAL DESCRIPTION.

This township has a broken and mountainous surface, with a gravelly and rocky soil, 3rd and 4th rates, unsuitable for cultivation. There is no timber. A scattering undergrowth of catchlaw, buck brush, scrub oak and palo verde, ocotillo and cactus is prevalent in all parts. There is a permanent flow of water in Mineral Creek, which crosses the township from north to south and drains the eastern half thereof into the Gila River which flows west about one mile south from the south boundary of this township. The mountains form part of the range known as the Pinal Mountains. The prosperous copper mining town of RAY centers in section 14 and extends into sections 10 and 11, with a population of about 1000. This town is joined on the southwest by the town of SONORA occupying the southwest quarter of section 14, with a population of about 5000, mostly Mexicans. The town of RAY is the center of one of the largest copper camps in the world and is the present terminus of the Ray and Gila Valley Ry., which connects at KELVIN, about 5 miles south, with the Arizona and Eastern Ry. (Phoenix to Christmas). The towns mentioned and a house and barn in section 36 constitute the only improvements. The township is only of value for the mineral deposits, there being about 150 patented lode mining claims therein.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 3391

I, Roy J. Gill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 71, Arizona, bearing date of the fourth day of February, 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, surveyed all those parts or portions of the South Boundary of Township 2 South, Range 13 East, and the South, East and West Boundaries and Subdivision Lines of

TOWNSHIP 3 SOUTH, RANGE 13 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and diagram on page 1 hereof, the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 71, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona, July 5, 1920. Roy J. Gill (deceased) U. S. Surveyor. by [Signature] Ass't. Supervisor of Surveys District No. 5. APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 7, 1921.

The foregoing field notes of the survey of the South Boundary of Township 2 South Range 13 East, and the South, East and West Boundaries and Subdivision Lines of

TOWNSHIP 3 SOUTH, RANGE 13 EAST,

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

executed by Roy J. Gill, U. S. Surveyor under his special instructions dated February 4, 1916 for Group 71, Ariz, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature] U. S. Surveyor General.

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

U. S. Surveyor General.