

FIELD NOTES

of the

Dependent Resurvey of the Section Boundaries,

and Metes-and-Bounds Surveys of bodies of land classified

as mineral bearing, included within the Vampire, Ohio,

Carlisle, Amherst, Stanford, Socialist and Maxwell

mining claims, in

Sections 4, 5, 18, 19 and 30,

Township No. 10 North, Range No. 3 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Francis E. Joy, U.S. Cadastral Engineer,

Under special instructions dated November 3, 1930, which provided for the surveys included under Group No. 166, bearing the approval of the Commissioner of the General Land Office under date of November 15, 1930, and assignment instructions dated April 18, 1933.

Survey commenced April 26, 1933

Survey completed May 17, 1933

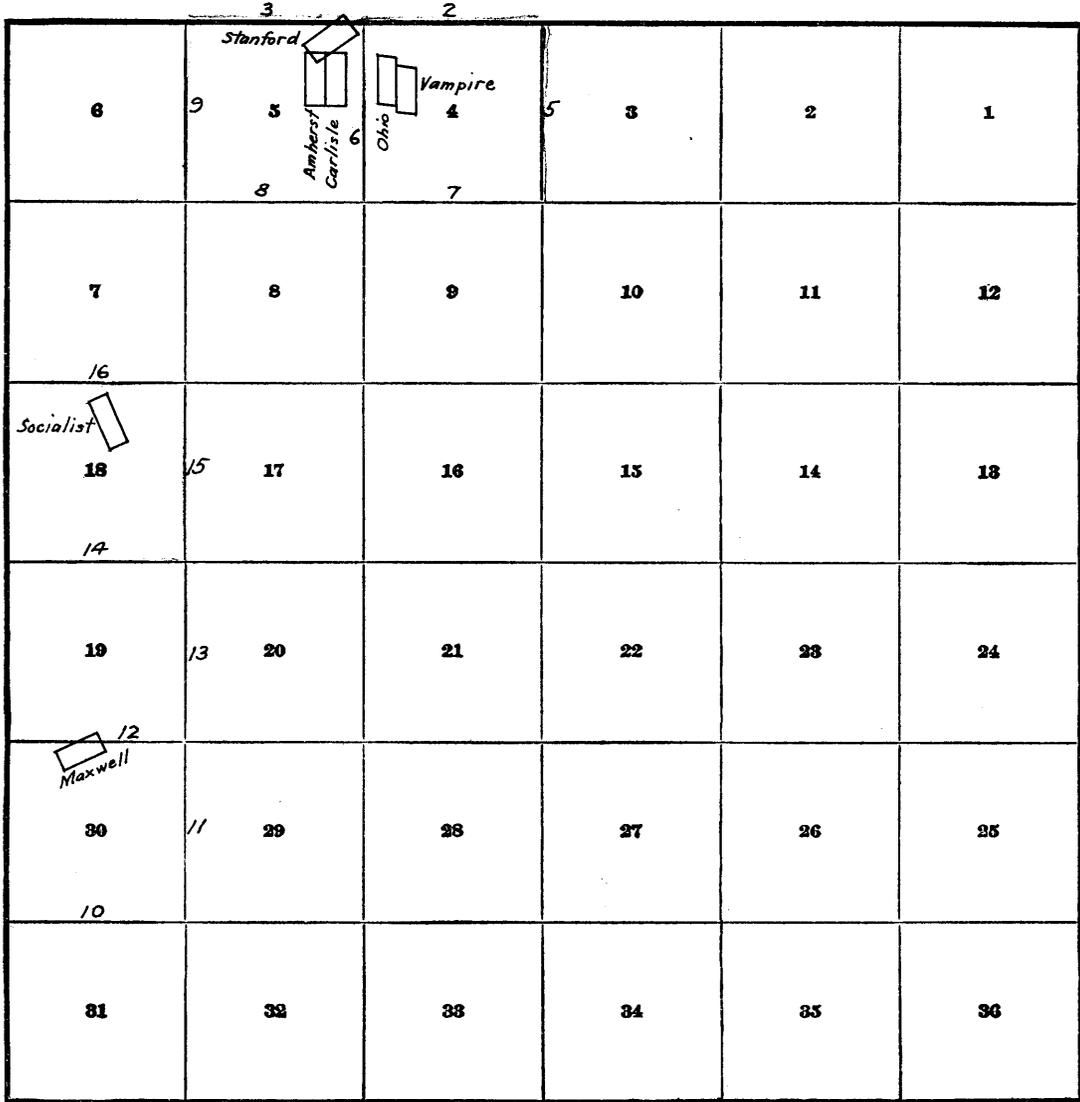
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BOOK 4004

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Township 10 North, Range 3 East



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Chains.

The segregation survey, and resurvey of a portion of the N. bdy. and subdivisions of T. 10 N., R. 3 E., G & S R. M., were executed with a light mountain solar transit made by Buff & Buff, Serial No. 16723, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of $4\frac{1}{2}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $2\frac{1}{2}$ ins. and of the declination arc $3\frac{1}{2}$ ins. each with verniers reading to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey and tested and found free from appreciable error, was approved by the district cadastral engineer, on April 18, 1933. I examine all the instrumental adjustments before making the field tests hereinafter recorded.

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

April 26, 1933, to determine a meridian and the latitude of my station near the $\frac{1}{4}$ sec. cor. of secs. 8 and 9, T. 10 N., R. 3 E., G & S. R. M., longitude $112^{\circ}03'14''$ W., at 7h 07m 30s p.m., l.m.t., by my watch which reads correct 105th meridian time determined by comparison with a Western Union clock, I make an hour angle observation on Polaris, two each with the telescope in direct and reversed positions, reading the vertical angles, and the horizontal deflection angles from a crack in a rock about 20 chs. N. and W. of station.

Mean horizontal angle crack to Polaris	$10^{\circ} 13' 00''$
Azimuth of Polaris	$1^{\circ} 11' 00''$ W. ✓
True bearing to crack	N. $11^{\circ} 24' 00''$ W. ✓
Mean observed vertical angle	$33^{\circ} 54' 20''$ ✓
Reduced latitude	$34^{\circ} 15' 09''$ ✓

Every hour from 8 to 10.30 a.m., and from 1.30 to 4 p.m., I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with a meridian established by Polaris observation has a maximum error of less than $1' 30''$.

I repeat the tests of the arcs daily by noon observation and verify the meridional indications at frequent intervals throughout the survey.

Resurvey of a Portion of the North Boundary
of T. 10 N., R. 3 E.

Chains.	<p>Reestablishment of the surveys executed by Lewis Wolfley U.S. Deputy Surveyor in 1884.</p> <p>I commence at the cor. of secs. 3, 4, 33 and 34. on the N. bdy. of the Tp.</p> <p>N.89°00'W., on a random line bet. secs. 4 and 33.</p>
43.22	<p>A point 36 lks. N. of the original $\frac{1}{4}$ sec. cor.</p> <p>Thence from cor.</p> <p>N.89°00'W., on a random line bet. secs. 4 and 33.</p>
39.61	<p>A point 29 lks. N. of the original cor. of secs. 4, 5, 32 and 33.</p> <p>I return to the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., which is an iron post, 2 ins. diam. firmly set in a mound of stone, 3 ft. base, 2$\frac{1}{2}$ ft. high, mkd. and witnessed as described in the official record.</p> <p>Thence</p> <p>N.89°29'W., on a true line bet. secs. 4 and 33.</p> <p>Over mountainous land, through scattered timber and undergrowth.</p> <p>Ascend 16 ft. over NE. slope.</p>
7.00	<p>Road, bears NE. and SW.; from same point, gate in fence E. and W. bears SW. 100 lks. dist.</p>
10.58	<p>Ridge, bears NE. and SW.; desc. 68 ft. over W. slope.</p>
22.40	<p>Ravine, course SW.; asc. 16 ft. over SE. slope.</p>
23.58	<p>Spur, slopes S.; desc. 82 ft. over SW. slope.</p>
29.05	<p>Ravine, course NW.; asc. 4 ft.</p>
32.97	<p>Small spur, slopes NW.; desc. 23 ft. over NW. slope.</p>
37.02	<p>Same ravine, course SW.</p>
40.45	<p>Same ravine, course NW.</p>
43.22	<p>The original $\frac{1}{4}$ sec. cor. of secs. 4 and 33, which is a lava stone, 8 x 6 x 10 ins., mkd. $\frac{1}{4}$ on N. face, loosely set, with a mound of stone on the N.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with the original stone deposited alongside, and in a mound of stone to top. for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4}$ <u>S 33</u> S 4 1933 </p> <p>Rebuild the mound of stone 3 ft. base, 2 ft. high. N. of cor.</p> <p>Thence</p> <p>N.89°25'W., on a true line bet. secs. 4 and 33.</p>

Resurvey of a Portion of the North Boundary
of T. 10 N., R. 3 E.

Chains	
4.48	South edge of bend in ravine, course NW.
14.58	Road, bears NW. and SE.
21.00	Road, bears NE. and SW.
23.30	East bank of Agua Fria River, 8 ft. vertical bank, bears NE. and SW.
26.78	Main channel of Agua Fria River, 60 lks. wide, 4 to 10 ins. deep; course SW.
30.28	West bank of Agua Fria River, 6 ft. vertical bank, bears NE. and SW. Ascend SE. slope 30 ft.
39.61	The original cor. of secs. 4, 5, 32 and 33, which is a granite stone, 12 x 10 x 6 ins., set in a small mound of stone, witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Corner stone mkd. with 4 grooves on E. and 2 grooves on W. faces.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with the original stone deposited alongside, and a granite stone, 10 x 6 x 6 ins., mkd. with a cross (x), deposited at base, and in a mound of stone to top, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.
	<p>T11N R3E S32 S33 S 5 S 4 T10N 1933</p>
	Land, mountainous. Soil, rocky, 4th rate. Timber, Juniper, mesquite, and willow; undergrowth, oak-brush, catclaw, grass and cacti.
	West, on a random line bet. secs. 5 and 32.
39.86	A point 26 lks. S. of original $\frac{1}{4}$ sec. cor. Thence from cor. West, on a random line bet. secs. 5 and 32.
39.70	A point 29 lks. S. of the original cor. of secs. 5, 6, 31 and 32. I return to the cor. of secs. 4, 5, 32 and 33. Thence N.89°38'W., on a true line bet. secs. 5 and 32. Over mountainous land, through scattered timber and undergrowth. Desc. 6 ft. over SW. slope.
1.46	Ravine, course SE.; asc. 196 ft. over E. slope.
24.70	Top of hill on spur, bears SE.; desc. 184 ft. over W. slope.
31.84	Fence, bears N.10°W. and S.10°E.

Resurvey of a portion of the North Boundary
of T. 10 N., R. 3 E.

Chains

39.86 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a granite stone, 16 x 12 x 6 ins., mkd. $\frac{1}{4}$, witnessed by a scattered mound of stone on the N.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., $1\frac{1}{4}$ ins. in the ground to bedrock, with the original stone deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

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

S 4
1933

Thence

N.89°35'W., on a true line bet. secs. 5 and 32.

Over mountainous land, through scattered timber and undergrowth.

Desc. 30 ft. over W. slope.

3.80 Gulch, 40 lks. wide, course SE.; asc. 219 ft. over NE. slope.

17.82 Top of ascent, desc. 38 ft. over NW. slope.

35.90 Fence, bears N.5°E. and S.5°W.

38.50 Ravine, course NE.; asc. 15 ft. over SE. slope.

39.70 The original cor. of secs. 5, 6, 31 and 32, which is a granite stone, 18 x 12 x 8 ins., mkd. with 1 groove on W. and 5 grooves on E. sides, set in a small mound of stone, and witnessed by a scattered mound of stone to the N.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., $1\frac{1}{4}$ ins. in the ground to bedrock, with the original stone deposited alongside, and in mound of stone to top, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T11N R3E
S31|S32
S 6|S 5
T10N
1933

Land, mountainous.

Soil, rocky, 4th rate.

Timber, mesquite, hackberry, willow and sycamore; undergrowth, catclaw, oakbrush, arrowweed, mesquite and cacti.

Resurvey of a portion of the Subdivisions of
T. 10 N., R. 3 E.

Reestablishment of the surveys executed by Lewis Wolfley, U.S.D.S., in 1884.

I commence at the cor. of secs. 3, 4, 9 and 10.

North, on a random line bet. secs. 3 and 4.

41.40 A point 59 lks. E. of the original $\frac{1}{4}$ sec. cor.

Chains

Thence from cor.

North on a random line bet. secs. 3 and 4.

33.88 A point 46 lks. E. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.

I return to the cor. of secs. 3, 4, 9 and 10, which is a malpais rock, 14 x 12 x 8 ins., mkd. with 5 grooves on S. and 3 grooves on E. edges, lying on top of ground, witnessed by a scattered mound of stone on the N.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone alongside, for the cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

T10N R3E	
S 4	S 3
S 9	S 10
1933	

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

N. 0° 49' W., on a true line bet. secs. 3 and 4.

Over mountainous land, through scattered timber and undergrowth.

Desc. 62 ft. over N. slope.

3.80 Ravine, course W.; asc. 181 ft. over SW. slope.

16.86 Edge of mesa bears E. and NW. Thence over level top of mesa.

18.00 Old Indian fort bears 6.00 chs. W., on edge of bluff.

28.60 Old road, bears NW. and SE.

33.36 Leave top of mesa; desc. 57 ft. along W. slope.

41.40 The original $\frac{1}{4}$ sec. cor. which is a malpais rock, 20 x 8 x 6 ins., mkd. $\frac{1}{4}$ on W. edge, lying on top of ground, witnessed by a scattered mound of stone on the W.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with original stone alongside, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 4	S 3
1933	

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

N. 0° 47' W., on a true line bet. secs. 3 and 4.

Over mountainous land, through scattered timber and undergrowth.

Along W. slope.

4.00 Spur, bears NW.; desc. 71 ft. over NE. slope.

Chains									
14.95	Ravine, course SW., water in pools; asc. S. slope 87 ft.								
21.09	Spur, bears SW.; desc. 125 ft. over W. slope.								
27.50	Indian Creek canyon. 50 lks. wide, course SW., stream of water 6 ins. wide and 2 ins. deep; asc. 138 ft. over SE. slope.								
33.82	Fence, bears E. and W.								
33.88	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp. hereinbefore described.								
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and mesquite; undergrowth, oakbrush, catclaw, mesquite, cacti and grass.								
	From the cor. of secs. 4, 5, 8 and 9, North, on a random line bet. secs. 4 and 5.								
40.00	Find no trace of original $\frac{1}{4}$ sec. cor.								
76.25	A point 4.04 chs. E. of cor. of secs. 4, 5, 32 and 33.								
	I return to the cor. of secs. 4, 5, 8 and 9, which is a granite rock, 10 x 6 ins., 10 ins. above ground, with 5 grooves on S. and 4 grooves on E. faces, witnessed by a mound of stone, 2 ft. base, 1 ft. high, W. of cor.								
	Alongside of old rock, Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.								
	<table border="0"> <tr> <td colspan="2">T10N R3E</td> </tr> <tr> <td>S 5</td> <td>S 4</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> <tr> <td colspan="2">1933</td> </tr> </table>	T10N R3E		S 5	S 4	S 8	S 9	1933	
T10N R3E									
S 5	S 4								
S 8	S 9								
1933									
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
	Thence N. 3°02' W., on a true line bet. secs. 4 and 5. Over mountainous land, through scattered timber and undergrowth. Asc. SE. slope of low hill.								
5.60	Low hill, bears NE. and SW.; desc. 74 ft. over NW. slope.								
14.10	Ravine, course W.; asc. 145 ft. over SE. slope.								
26.26	Spur, bears SW.; asc. 21 ft. over SW. slope.								
26.55	Fence, bears E. and W.								
29.84	Top of hill, bears NE. 2 chs.; desc. steep, rocky NW. slope 237 ft.								
39.35	Head of ditch on S. side of channel.								
40.05	Agua Fria river, 60 lks. wide, 4 to 8 ins. deep, course, SW.								

Chains

40.14 True point for $\frac{1}{4}$ sec. cor. falls in river.

42.83 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

WC
 $\frac{1}{4}$
 S5 | S4
 1933

from which

A mesquite, 6 ins. diam., bears N.9°E., 5 lks. dist., mkd. WC $\frac{1}{4}$ S4BT

A mesquite, 7 ins. diam., bears S.6 $\frac{1}{4}$ °W., 28 lks. dist., mkd. WC $\frac{1}{4}$ S5BT

Asc. 120 ft. over E. slope.

56.42 Change to NE. slope, thence along side hill.

62.52 Desc. 59 ft. over NE. slope.

70.94 Fence, bears NW. and SE.

76.36 The cor. of secs. 4,5,32 and 33, hereinbefore described.

Land. mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper, mesquite and willow; undergrowth, oak-brush, catclaw, grass and cacti.

From the cor. of secs. 3,4,9 and 10,
 N.89°58'W., on a random line bet. secs. 4 and 9.

40.06 Find no trace of original $\frac{1}{4}$ sec. cor. Set temp. cor.

79.78 A point 24 lks. N. of the cor. of secs. 4,5,8 and 9, hereinbefore described.

Thence

N.89°52'E., on a true line bet. secs. 4 and 9.

Over rolling hills, through scattered timber and undergrowth.

Desc. 42 ft. over SE. slope.

7.40 Ravine, course SE.; asc. 19 ft. over SW. slope.

15.00 Desc. gradual SE. slope 41 ft.

21.20 Fence, bears NE. and SW.

21.45 Road, bears NE. and SW.

34.36 Across flat, through dense mesquite timber and undergrowth.

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

$\frac{1}{4}$ S4
 S9
 1933

from which

A sycamore, 12 ins. diam., bears S.36 $\frac{1}{4}$ °E., 3.17 chs.

Resurvey of a portion of the Subdivisions of

T. 10 N., R. 3 E.

Chains

dist., mkd. $\frac{1}{4}$ S9BT
 A juniper, 8 ins. diam., bears N.60°10'E., 1.60 chs.
 dist., mkd. $\frac{1}{4}$ S4BT

- 47.60 Indian Creek, 60 lks. wide, course SW. (Dry). Asc. 117 ft. over NW. slope.
 62.39 Point of spur, bears NW.; thence over broken NW. slope.
 79.78 The cor. of secs. 3,4,9 and 10, hereinbefore described.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, mesquite, juniper and sycamore; undergrowth,
 catclaw, mesquite, oakbrush and cacti.

From the cor. of secs. 4,5,8 and 9,

West. on a random line bet. secs. 5 and 8.

- 42.14 A point 4 lks. N. of the original $\frac{1}{4}$ sec. cor.

Thence from cor.

West, on a random line bet. secs. 5 and 8.

- 40.13 A point $\frac{9}{4}$ lks. N. of the original cor. of secs. 5,6,7 and 8.

I return to the cor. of secs. 4,5,8 and 9, hereinbefore described.

Thence

S.89°57'W., on a true line bet. secs. 5 and 8.

Over rolling hills, through scattered timber and undergrowth.

Asc. SE. slope.

- 5.50 Spur, bears SW.; desc. 155 ft. over broken W. slope.
 20.55 Ditch, 2 ft. wide, 1 ft. deep, course N. and S.
 22.24 Fence, bears N. and S.
 22.63 E. bank of Agua Fria river, bears N. and S. Shallow stream, 1 ch. wide.
 23.50 Center of stream, course S.
 25.13 Sloping 5 ft. bank, bears N. and S. Thence across flat through dense mesquite timber and undergrowth.
 30.80 Foot of hill; asc. 155 ft. over NE. slope.
 39.70 Spur, bears SE.
 42.14 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, which is a granite stone, 16 x 12 x 6 ins., mkd. $\frac{1}{4}$ on N. face, set loosely on top of ground, witnessed by a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with original stone alongside, for $\frac{1}{4}$ sec.

Resurvey of a portion of the Subdivisions of

T. 10 N., R. 3 E.

Chains

cor. with brass cap mkd.

$\frac{1}{4} \frac{S5}{S8}$
1933

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

S.88°39'W., on a true line bet. secs. 5 and 8.

Over rolling hills, through scattered timber and undergrowth.

Desc. 23 ft. over SW. slope.

4.00 Head of draw, course S.; asc. 71ft. over SE. slope.

12.42 Spur, bears S.; desc. 73 ft. over SW. slope.

20.41 Ravine, 20 lks. wide, at bottom, course, SE.; asc. 103 ft. over NE. slope.

31.66 Head of draw, course NE.

37.33 Spur, bears SE.

40.13 The original cor. of secs. 5,6,7 and 8, which is a granite stone, 18 x 6 x 8 ins., mkd. with 5 grooves on S. and 5 grooves on E. sides, lying on top of ground.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with original stone alongside, for the cor. of secs. 5,6,7 and 8, with brass cap mkd.

T10N R3E
 $\frac{S6|S5}{S7|S8}$
1933

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, mesquite, juniper, willow, sycamore and hackberry, undergrowth, catclaw, oakbrush, mesquite, cacti and grass.

North, on a random line bet. secs. 5 and 6.

39.82 A point 70 lks. E. of original $\frac{1}{4}$ sec. cor.

Thence from cor.

North, on a random line bet. secs. 5 and 6.

37.95 A point 65 lks. E. of the cor. of secs. 5,6,31 and 32, on the N. bdy. of the Tp.

I return to the cor. of secs. 5,6,7 and 8.

Thence

N.1°00'W., on a true line bet. secs. 5 and 6.

Over mountainous land, through scattered timber and undergrowth.

Chains

Asc. 34 ft. over rolling SW. slope.

6.78 Top of knoll, desc. 34 ft. over N. slope.

21.45 Ravine, course SE.; asc. 94 ft. over SE. slope.

39.83 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 6, which is a granite rock, 12 x 8 ins., set 12 ins. above ground, mkd. $\frac{1}{4}$ on W. face, witnessed by a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with original stone alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S6 | S5
1933

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

N.0°59'W., on a true line bet. secs. 5 and 6.

Over mountainous land, through scattered timber and undergrowth.

1.61 Ravine, 20 ft. deep, course SE.; asc. 117 ft. over S. slope.

24.70 Spur, bears NE.; desc. 132 ft. over NW. slope.

37.73 Fence, bears E. and W.

37.78 Ravine, course NE.; asc. 23 ft. over SE. slope.

37.96 The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp. hereinbefore described.

Land. mountainous.

Soil, rocky, 4th rate.

Timber, juniper, mesquite, hackberry, willow and sycamore, undregrowth, catclaw, oakbrush, arrowweed, mesquite and cacti.

From the cor. of secs. 29, 30, 31 and 32,

N.89°55'W., on a random line bet. secs. 30 and 31.

40.00 Find no trace of original $\frac{1}{4}$ sec. cor. Set. temp. cor.

87.55 A point 36 lks. S. of the cor. of secs. 30 and 31, on the W. bdy of the Tp.

I return to the cor. of secs. 29, 30, 31 and 32, which is a malpais rock, 16 x 12 x 8 ins., mkd. 5 grooves on E. and 1 groove on S. faces, lying on top of ground, and witnessed by a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone alongside, for the cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

T10N R3E
S30 | S29
S31 | S32
1933

Resurvey of a portion of the Subdivisions of
T. 10 N., R. 3 E.

BOOK 100

Chains

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

Thence

N.89°41'W., on a true line bet. secs. 30 and 31.

Over rolling mesa, through scattered undergrowth.
At proportional distance,

39.62 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for 1/4 sec. cor., with brass cap mkd.

1/4 S30
S31
1933

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

83.63 Line of old fence posts bears N. and S.

87.55 The cor. of secs. 30 and 31, on the W. bdy. of the Tp.,
which is a 2 in. iron post with brass cap, projecting
12 ins. above ground, mkd. and witnessed as described
in the official record.

Land. rolling mesa.
Soil, malpais rocks, 4th rate.
Timber, juniper; undergrowth, grass, catclaw, mesquite
and cacti.

From the cor. of secs. 29,30,31 and 32,
North, on a random line bet. secs. 29 and 30.

40.01 A point 66 lks. E. of the original 1/4 sec. cor.

Thence from cor.

North on a random line bet. secs. 29 and 30.

40.09 A point 40 lks. E. of the cor. of secs. 19,20,29 and 30.

I return to the cor. of secs. 29,30,31 and 32, herein-
before described.

Thence

N.0°57'W., on a true line bet. secs. 29 and 30.

Over rolling mesa, through scattering undergrowth.

40.02 The original 1/4 sec. cor. of secs. 29 and 30, which is a
malpais rock, 16 x 10 x 10 ins., mkd. 1/4 on W. face,
witnessed by a mound of stone on the W.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, with original stone alongside, for 1/4 sec.
cor., with brass cap mkd.

1/4 S30 | S29
1933

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

N.0°34'W., on a true line bet. secs. 29 and 30.

Resurvey of a portion of the Subdivisions of
T. 10 N., R. 3 E.

Chains

40.09 The original cor. of secs. 19, 20, 29 and 30, which is a malpais rock, 16 x 12 x 8 ins., mkd. with 5 grooves on E. and 2 grooves on S. faces, witnessed by a scattered mound of stone on the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with original stone alongside, for the cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T10N R3E
S19|S20
S30|S29
1933

of stone, 3 ft. base, 2½ ft. high, W. of cor. raise a mound

Land, rolling mesa.

Soil, rocky malpais, 4th rate.

Timber, mesquite and juniper; undergrowth, grass, catclaw and cacti.

S. 89° 55' W., on a random line bet. secs. 19 and 30.

40.01 A point 49 lks. N. of the original ¼ sec. cor.

Thence from cor.

S. 89° 55' W., on a random line bet. secs. 19 and 30.

47.39 A point 44 lks. S. of the cor. of secs. 19 and 30, on the W. bdy. of the Tp.

I return to the cor. of secs. 19, 20, 29 and 30.

Thence

S. 89° 13' W., on a true line bet. secs. 19 and 30.

Across top of rolling mesa, through scattered undergrowth.

34.25 Edge of mesa, bears NW. and SE.; desc. 154 ft. over steep SW. slope.

40.01 The original ¼ sec. cor. of secs. 19 and 30, which is a malpais rock, 20 x 16 x 8 ins., lying on top of ground, and witnessed by a small mound of stone to the N.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with a malpais rock, 6 x 6 x 4 ins., mkd. with a cross (x) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

¼ S19
S30
1933

N. 89° 33' W., on a true line bet. secs. 19 and 30.

Over mountainous land, through scattered timber and undergrowth.

Desc. 321 ft. over SW. slope.

Chains

- 4.63 West edge of tunnel entrance.
- 4.92 E. edge of a shaft, 4 x 6 ft., about 50 ft. deep, bears 35 lks. S. Disc. mon. of the Maxwell mining claim, bears 50 lks. S.
- 22.00 Center of Agua Fria river bed, 2 chs. wide, shallow, wide stream, course, SW. Asc. 300 ft. over steep, rocky SE. slope.
- 35.00 Along side hill, over broken S. slope.
- 47.39 The cor. of secs. 19 and 30, on the W. bdy. of the Tp., which is a 2 in. iron post with brass cap, set in a large mound of stone, mkd. and witnessed as described in the official record.

Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper and mesquite; undergrowth, catclaw, mesquite, grass and cacti.

From the cor. of secs. 19,20,29 and 30,
 North, on a random line bet. secs. 19 and 20.

- 40.00 Find no trace of original $\frac{1}{4}$ sec. cor. Set temp. cor.
- 80.00 A point 40 lks. W. of original cor. of secs. 17,18,19 and 20.

I return to the cor. of secs. 19,20,29 and 30.

Thence

N.0°17'E., on a true line bet. secs. 19 and 20.

Over mountainous land, through scattered timber and undergrowth.

Desc. 17 ft. over mesa.

- 19.41 Edge of mesa, bears NE. and SW.; desc. 469 ft. over NW. slope.

- 34.60 Center of Agua Fria river bed, 2 chs. wide, course SW.; stream 20 lks. wide, 6 to 8 ins. deep. Asc. 141 ft. over SE. slope.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a granite stone, 8 x 8 x 2 ins., mkd. with a cross (x), deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S19 | S20
 1933

Asc. 223 ft. over SE. slope.

- 48.18 Top of bluff, 50 ft. high, on edge of mesa, bears NE. and SW. Desc. 346 ft. over NE. slope.
- 53.78 Top of bluff, 30 ft. high, on edge of mesa, bears NW. and SE.

Resurvey of a portion of the Subdivisions of
T. 10 N., R. 3 E.

Chains

- 68.87 Center of Agua Fria river bed, 2 chs. wide, stream 20 lks. wide, 6 to 8 ins. deep, course SE.; asc. 129 ft. over SW. slope.
- 80.00 The original cor. of secs. 17, 18, 19 and 20, which is a malpais stone, 12 x 8 ins., firmly set, 8 ins. above ground, mkd. with 5 grooves on E. and 3 grooves on S. faces, witnessed by a mound of stone W. of cor.
- At point for cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with old stone alongside, for the cor. of secs. 17, 18, 19 and 20, with brass cap mkd.
- | | |
|------|-----|
| T10N | R3E |
| S18 | S17 |
| S19 | S20 |
| 1933 | |
- raise a mound
of stone, 3 ft. base, 2½ ft. high, W. of cor.
- Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and mesquite; undergrowth, catclaw, grass oakbrush and cactus.
-
- N. 89° 48' W., on a random line bet. secs. 18 and 19.
- 40.01 A point 76 lks. N. of original ¼ sec. cor.
- Thence from cor.
- N. 89° 48' W., on a random line bet. secs. 18 and 19.
- 48.86 A point 38 lks. N. of the cor. of secs. 18 and 19, on the W. bdy. of the Tp.
- I return to the cor. of secs. 17, 18, 19 and 20.
- Thence
- S. 89° 07' W., on a true line bet. secs. 18 and 19.
- Over mountainous land, through scattered timber and undergrowth.
- Desc. 122 ft. over W. slope.
- 11.70 Center of Agua Fria river bed, 2 chs. wide, stream 20 lks. wide, 6 ins. deep, course SE.; asc. NE. slope 314 ft.
- 17.00 Old road, bears NE. and SW.
- 40.01 The original ¼ sec. cor. of secs. 18 and 19, which is a granite stone, 16 x 12 x 8 ins., mkd. ¼, lying on top of ground, witnessed by a mound of stone to the N.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with old stone alongside, for ¼ sec. cor. with brass cap mkd.
- | | |
|------|-----|
| ¼ | S18 |
| ¼ | S19 |
| 1933 | |
- raise a mound
of stone, 3 ft. base, 3 ft. high, N. of cor.

Resurvey of a portion of the Subdivisions of

T. 10 N., R. 3 E.

4004

Chains

S. 89°45'W., on a true line bet. secs. 18 and 19.

Continue ascending NE. slope 69 ft.

10.00 Ridge, bears N. and S.; desc. 271 ft. over NW. slope.

32.40 Deep shaft, 4 x 6 ft., bears N., 60 lks. dist.

32.62 Deep shaft, 10 x 6 ft., bears N., 15 lks. dist.

32.80 Old cut, bears N., 60 lks. dist.

34.70 Shaft, 6 x 8 ft., 10 ft. deep, on line.

48.60 Fence, bears N. and S.

48.86 The cor. of secs. 18 and 19, on the W. bdy. of the Tp., which is a 2 in. iron post with brass cap, projecting 12 ins. above ground, mkd. and witnessed as described in the official record.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper and mesquite; undergrowth, oakbrush, mesquite, grass and cacti.

From the cor. of secs. 17, 18, 19 and 20,

North, on a random line bet. secs. 17 and 18.

40.04 A point 90 lks. E. of the original $\frac{1}{4}$ sec. cor.

Thence from cor.

North, on a random line bet. secs. 17 and 18.

40.36 A point 29 lks. E. of the original cor. of secs. 7, 8, 17 and 18.

I return to the cor. of secs. 17, 18, 19 and 20.

Thence

N. 1°17'W., on a true line bet. secs. 17 and 18.

Over mountainous land, through scattered timber and undergrowth.

Asc. 34 ft. over SW. slope.

6.00 Spur, bears W.; desc. 127 ft. over N. slope.

14.13 Center of Agua Fria river bed, 2 chs. wide, stream 20 lks. wide, 6 ins. deep, course SW.; asc. 322 ft. over SE. slope.

40.05 The original $\frac{1}{4}$ sec. cor. of secs. 17 and 18, which is a granite stone, 16 x 10 x 10 ins., mkd. $\frac{1}{4}$ on top, lying on top of ground, and witnessed by a mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the old stone alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Resurvey of a portion of the Subdivisions of

T. 10 N., R. 3 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S18} \uparrow \text{S17} \\ 1933 \end{array}$$

raise a mound
of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

N.0°25'W., on a true line bet. secs. 17 and 18.

Asc. 235 ft. over SE. slope.

4.56 Old road, bears NE. and SW.

14.26 Spur, bears E.; desc. 216 ft. over NE. slope.

40.36 The original cor. of secs. 7, 8, 17 and 18, which is a granite stone, 14 x 10 ins., set firmly 10 ins. above ground, mkd. with 5 grooves on E. and 4 grooves on S. edges, witnessed by a scattered mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with old stone alongside, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

$$\begin{array}{c} \text{T10N R3E} \\ \text{S 7 | S 8} \\ \hline \text{S18 | S17} \\ 1933 \end{array}$$

raise a mound
of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper and mesquite; undergrowth, catclaw, oak-brush, grass and cacti.

N.89°54'W., on a random line bet. secs. 7 and 18.

40.18 A point 52 lks. N. of the original $\frac{1}{4}$ sec. cor.

Thence from cor.

N.89°54'W., on a random line bet. secs. 7 and 18.

50.88 A point 87 lks. N. of cor. of secs. 7 and 18, on the W. bdy. of the Tp.

I return to the cor. of secs. 7, 8, 17 and 18.

Thence

S.89°20'W., on a true line bet. secs. 7 and 18.

Over mountainous land, through scattered timber and undergrowth.

Asc. 139 ft. over NE. slope.

10.53 Along side hill, over N. slope, asc. 34 ft.

19.50 Trail, bears NE. and SW.

29.10 Ridge, bears NW. and SE.; thence along SW. slope, desc. 36 ft.

40.18 The original $\frac{1}{4}$ sec. cor. of secs. 7 and 18, which is a

Chains

granite stone, 12 x 10 ins., firmly set 10 ins. above ground, mkd. $\frac{1}{4}$ on N. face, and witnessed by a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with original stone alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ $\frac{S7}{S18}$
1933

raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

S.89°06'W., on a true line bet. secs. 7 and 18.

8.00 Spur, bears SW.; desc. 118 ft. over SW. slope.

14.82 Ravine, course SW.

24.62 Draw, 6 lks. wide, course S.; asc. 70 ft. over SE. slope.

36.13 Spur, bears SW.; desc. 136 ft. over NW. slope.

50.67 Fence, bears N. and S.

50.88 The cor. of secs. 7 and 18, on the W. bdy. of the Tp., which is a 2 in. iron post with brass cap, projecting 12 ins. above ground, mkd. and witnessed as described in the official record.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and mesquite; undergrowth, catclaw, oakbrush, mesquite, grass and cacti.

Metes-and-Bounds surveys of bodies of land known as the Vampire, Ohio, Carlisle, Amherst, Stanford, Socialist and Maxwell mining claims, classified as mineral bearing but not covered by mineral patent surveys. Claimant pointed out the location of each claim.
Vampire mining claim.

The NE. cor. of the Vampire mining claim is a scattered mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in diam., 28 ins. in the ground, for cor. No. 1 of the Vampire mining claim, with brass cap mkd.

1
VAM
1933

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

The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, on the N. bdy. of the Tp., hereinbefore described, bears N.35°34'E., 24.13 chs. dist.

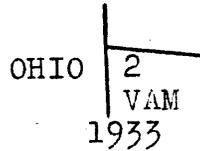
N.79°32'W., along line 1-2.

8.57 NW. cor. of Vampire mining claim, which is a mound of stone, 4 ft. base, 1 ft. high.

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 2 of the Vampire mining claim, with brass cap mkd.



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

On line 2-3 of the Ohio mining claim.

S.1°24'E., along line 2-3 of the Vampire and line 2-3 of the Ohio.

10.47 Wash, 10 lks. wide, 6 ins. deep, course W.

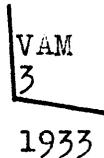
14.46 Small spur, bears NW.

18.96 Cor. No. 2 of the Ohio mining claim.

21.47 SW. cor. of the Vampire mining claim, which is a scattered mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

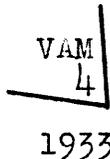


raise a mound of stone, 3 ft. base, 2 ft. high, NE. of cor.

S.79°32'E., along line 3-4.

3.90 Center loc. mon., a stone mound, 2 ft. base, 1 ft. high.

8.50 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 4 of the Vampire mining claim, with brass cap mkd.



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

No location cor. found.

N.1°10'W., along line 4-1.

10.12 Ravine, course W.

14.27 Ravine, course W.

21.42 Cor. No. 1, the place of beginning.

Area of the Vampire mining claim, 17.906 acres.

Ohio mining claim.

The SW. cor. of the Ohio mining claim is a scattered mound of stone.

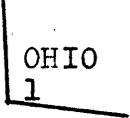
Ohio mining claim

1004

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with a granite stone 10 x 8 x 2 ins. mkd. with a cross (x), deposited at base, and in mound of stone to top, for cor. No. 1 of the Ohio mining claim, with brass cap mkd.



The witness corner bet. secs. 4 and 5, hereinbefore described, bears N.69°14'W., 7.19 chs. dist.

S.81°20'E., along line 1-2.

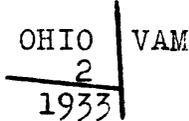
4.20 Small spur, bears NE.

6.43 Ravine, course N.

9.23 The SE. cor. of the Ohio mining claim, which is a mound of stone, 3 ft. base, 2 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. No. 2 of the Ohio mining claim, with brass cap mkd.



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

On line 2-3 of the Vampire mining claim.

N.1°24'W., along line 2-3 of the Ohio and line 2-3 of the Vampire.

7.01 Small spur, bears NW.

11.00 Wash,,10 lks. wide, 6 ins. deep, course W.

18.96 Cor. No. 2 of the Vampire mining claim.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. No. 3 of the Ohio mining claim, with brass cap mkd.



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

No location cor. found.

N.81°20'W., along line 3-4.

8.44 Desc. 25 ft. vertical bluff.

9.23 Set an iron post, 3 ft. long, 1 in diam., over a cross cut on a granite rock in place 5 x 5 ft., 12 ins. above ground, and in mound of stone to top, for cor. No. 4 of the Ohio mining claim, with brass cap mkd.

Chains

4
OHIO
1933

Cor. is set at base of 25 ft. bluff, on E. edge of Agua Fria river. No location cor. found.

S. $1^{\circ}24'E.$, along line 3-4, and bottom of rocky bluff.

2.00 Leave edge of bluff, thence down center of river bed.

19.50 Leave channel, turns SW.

22.73 Cor. No. 1 the place of beginning.

Area of the Ohio mining claim, 20.66 acres.

Carlisle mining claim.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with a granite stone, 10 x 8 x 5 ins., mkd. with a cross (x), deposited at base, and in a mound of stone to top, for cor. No. 1 of the Carlisle mining claim, with brass cap mkd.

CAR
1

1933

No location cor. found.

The witness cor. bet. secs. 4 and 5, hereinbefore described, bears N. $81^{\circ}31'E.$, 7.44 chs. dist.

N. $1^{\circ}15'E.$, along line 1-2.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 2 of the Carlisle mining claim, with brass cap mkd.

2
CAR
1933

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

No location cor. found.

N. $89^{\circ}11'W.$, along line 2-3.

7.20 Intersect line 4-1 of the Stanford mining claim.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 3 of the Carlisle mining claim, and cor. No. 2 of the Amherst mining claim, with brass cap mkd.

2	3
AM	CAR

1933

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

Cor. is located on a ridge bearing NW. and SE.

No location cor. found.

Carlisle mining claim.

BOOK 4004

Chains

S.1°15'W., along line 3-4 of the Carlisle and line 1-2 of the Amherst.

2.06 Intersect line 4-1 of the Stanford mining claim.

11.83 Old shaft, 4 x 6 ft., 3 ft. deep, bears E., 50 lks. dist.

21.53 Draw, 5 lks. wide, 3 ins. deep, course SE.

22.73 The SW. cor. of the Carlisle mining claim and SE. cor. of the Amherst mining claim, which is a mound of stone, 3 ft. base, 5 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, with a granite stone, 5 x 4 x 3 ins., mkd. with a cross (x), deposited at the base, and in a mound of stone to top, for cor. No. 4 of the Carlisle mining claim and cor. No. 1 of the Amherst mining claim, with brass cap mkd.

AM CAR
1 4
1933

S.89°11'E., along line 4-1.

0.80 Draw, 4 lks. wide, course S.

5.00 Small spur, bears SW.

9.09 Cor. No. 1 the place of beginning.

Area of Carlisle mining claim, 20.661 acres.

Amherst mining claim.

Beginning at SE. cor. No. 1 of the Amherst mining claim, which is identical with Cor. No. 4 of the Carlisle mining claim, hereinbefore described.

N.1°15'E., along line 1-2 of the Amherst and line 4-3 of the Carlisle.

1.20 Draw, 5 lks. wide, 3 ins. deep, course SE.

10.90 Old shaft, 4 x 6 ft., 3 ft. deep, bears E., 50 lks. dist.

20.67 Intersect line 4-1 of the Stanford mining claim.

22.73 Cor. No. 2 of the Amherst mining claim, identical with cor. No. 3 of the Carlisle mining claim, hereinbefore described.

N.89°11'W., along line 2-3.

4.545 North end center mon., stone mound, 1½ ft. base, 1 ft. high.
8.49 Intersect line 3-4 of the Stanford mining claim.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 3 of the Amherst mining claim, with brass cap mkd.

3
AM
1933

of stone, 3 ft. base, 2½ ft. high, SE. of cor. raise a mound

Chains

No location cor. found.

S.0°48'W., along line 3-4

- 22.73 The SW. cor. of the Amherst mining claim, which is a mound of stone, 3 ft. base, 3 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with a granite stone, 7 x 5 x 2 ins., mkd. with a cross (x), deposited at the base, and in a mound of stone to top, for cor. No. 4 of the Amherst mining claim, with brass cap mkd.

AM
4
1933

S.89°11'E., along line 4-1.

- 1.07 Small spur, bears SW.
4.49 Center loc. mon., a stone mound, 3 ft. base, 4 ft. high.
8.91 Cor. No. 1 of the Amherst mining claim and cor. No. 4 of the Carlisle mining claim, the place of beginning.

Area of Amherst mining claim, 20.457 acres.

Stanford mining claim.

The NE. cor. of the Stanford mining claim is a mound of stone, 3 ft. base, 3 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 1 of the Stanford mining claim, with brass cap mkd.

STAN
1
1933

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

The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described, bears N.75°10'E., 1.47 chs. dist.

N.49°02'W., along line 1-2.

- 0.59 Intersect N. bdy. of sec. 5, at 1.87 chs., N.89°38'W., from the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

- 9.09 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. No. 2 of the Stanford mining claim, with brass cap mkd.

2
STAN
1933

Chains

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

Location mon., a mound of stone, 1 ft. base, 8 ins. high,
bears N.27°00'E., 15 lks. dist.

S.43°30'W., along line 2-3.

7.58 Intersect N. bdy of sec. 5, at 13.50 chs. N.89°38'W.,
from the cor. of secs. 4,5,32 and 33, hereinbefore
described.

11.51 Fence, bears E. and W.

18.33 Ridge, bears NW. and SE.

22.44 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for cor. No. 3 of the Stanford mining claim,
with brass cap mkd.



raise a mound
of stone, 3 ft. base, 2½ ft. high, E. of cor.

No location cor. found.

Cor. No. 3 Amherst mining claim, bears S.27°30'E., 1.06
chs. dist.

S.49.02'E., along line 3-4.

1.45 Intersect line 2-3 of the Amherst mining claim.

3.49 Spur, bears S.

4.545 SW. end center mon., stone mound, 3 ft. base, 2 ft. high.

6,79 Ravine course S.

9.09 SE. cor. of the Stanford mining claim, which is a mound
of stone, 3 ft. base, 3 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for cor. No. 4 of the Stanford mining claim,
with brass cap mkd.



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

N.43°30'E., along line 4-1.

3.90 Intersect line 1-2 of the Amherst mining claim and line
3-4 of the Carlisle mining claim.

6.70 Intersect line 2-3 of the Carlisle mining claim.

9.80 A timbered shaft, 4 x 6 ft., 60 ft. deep, bears N.49°W.,
1.80 chs. dist.

18.50 A shaft, 5 x 6 ft., 6 ft. deep, bears N.49°W., 10 lks.
dist.

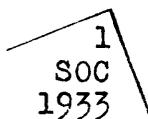
Chains
22.44

Cor. No. 1, the place of beginning.

Area of the Stanford mining claim, 20.378 acres.

Socialist mining claim.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock, with a granite stone, 6 x 4 x 3 ins., mkd. with a cross (x), deposited at the base, and in a mound of stone to top, for cor. No. 1 of the Socialist mining claim, with brass cap mkd.



1
SOC
1933

The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 18, hereinbefore described, bears N.65°46'W., 4.41 chs. dist.

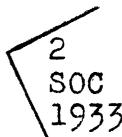
No location cor. found.

S.55°45'W., along line 1-2.

4.545 NW. end center mon., stone mound, 2 ft. base, 1½ ft. high.

6.65 Ravine, course SW.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 2 of the Socialist mining claim, with brass cap mkd.



2
SOC
1933

off stone, 3 ft. base, 2 ft. high, SE. of cor. raise a mound

The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 18, bears N.26°46'E., 7.75 chs. dist.

No location cor. found.

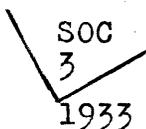
S.34°15'E., along line 2-3.

4.45 Sandy wash, 10 lks. wide, course SW.

9.95 Draw, 10 lks. wide, course SW.

22.00 Head of draw, 4 lks. wide, course NW.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. No. 3 of the Socialist mining claim, with brass cap mkd.



SOC
3
1933

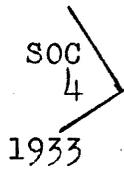
of stone, 3 ft. base, 3 ft. high, NE. of cor. raise a mound

No location cor. found.

N.55°45'E., along line 3-4.

Chains
4.545 SE. end center mon. a stone mound, 2 ft. base, 1½ ft. high. The disc. mon., a mound of stone, 2½ ft. base, 3 ft. high, bears N.34°15'W., 3.03 chs. dist.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 4 of the Socialist mining claim, with brass cap mkd.



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

No location cor. found.

N.34°15'W., along line 4-1.

22.60 Draw, 6 lks. wide, course SW.

22.73 Cor. No. 1, the place of beginning.

Area of the Socialist mining claim, 20.661 acres.

Maxwell mining claim.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 1 of the Maxwell mining claim, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

The ¼ sec. cor. bet. secs. 19 and 30, hereinbefore described, bears N.66°45'W., 3.82 chs. dist.

No location mon. found.

N.20°47'W., along line 1-2.

1.65 Intersect line bet. secs. 19 and 30, at N.89°13'E., 2.92 chs. from the ¼ sec. cor. hereinbefore described.

4.545 NE. end center mon., a stone mound, 2 ft. base, 3 ft. high.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. No. 2 of the Maxwell mining claim, with brass cap mkd.



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

No location cor. found.

The ¼ sec. cor. bet. secs. 19 and 30, bears S.2°18'W., 7.00 chs. dist.

- Chains S.69°13'W., along line 2-3.
- 19.30 Intersect line bet. secs. 19 and 30, at N.89°33'W., 17.77 chs. from the $\frac{1}{4}$ sec. cor.
- 20.89 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 3 of the Maxwell mining claim, with brass cap mkd.
- 
 1933
- raise a mound
of stone, 3 ft. base, 3 ft. high, E. of cor.
- No location cor. found.
- S.20°47'E., along line 3-4.
- 4.545 SW. end center mon. a stone mound, 2 ft. base, 1 ft. high. The disc. mon., a mound of stone, 3 ft. base, 4 ft. high, bears N.69°13'E., 13.50 chs. dist.
- 9.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. No. 4 of the Maxwell mining claim, with brass cap mkd.
- 
 1933
- raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.
- No location cor. found.
- N.69°13'E., along line 4-1.
- 9.89 Draw, 5 lks. wide, course W.
- 20.89 Cor. No. 1, the place of beginning.
- Area of the Maxwell mining claim, 18.989 acres.

Final test of solar attachment.

May 17, 1933; on the meridian hereinbefore described, at 8h 00m a.m., app. t., I set off 34°15' on the lat. arc; 19°20' N., on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 19°22' N., which agrees with the computed declination of the sun.

At 4h 00m p.m., app. t., with the lat. arc unchanged, I set off 19°25' N., on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within 1'30" of the true meridian, I conclude that the instrument has been maintained in satisfactory adjustment throughout the survey.

General Description.

The land included within this survey and resurvey, is rolling and mountainous. The soil is rocky, 4th rate. Timber includes juniper, mesquite, hackberry, willow and sycamore. Undergrowth is catclaw, oakbrush, mesquite, grass, cacti and arrowweed.

The Agua Fria river flows SW. thru these sections.

BOOK 4004

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Francis E. Joy, U. S. ~~Surveyor~~ Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 3d day of November, 19 30 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 the parts or portions of~~ independently resurveyed a portion of the section boundaries, and made metes-and-bounds surveys of bodies of land classified as mineral bearing, included within the Vampire, Ohio, Carlisle, Amherst, Stanford, Socialist and Maxwell mining claims, in sections 4, 5, 18, 19 and 30, Township No. 10 North, Range No. 3 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of ^{and resurvey} said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

*Arlington, Arizona,
March 1, 1934.*

Francis E. Joy

~~Ex. S. Surveyor.~~
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, May 21, 19 34.

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the section boundaries, and metes-and-bounds surveys of bodies of land classified as mineral bearing, included within the Vampire, Ohio, Carlisle, Amherst, Stanford, Socialist and Maxwell mining claims, in secs. 4, 5, 18, 19 and 30, Township 10 North, Range 3 East, of the Gila and Salt River Meridian, in the State of Arizona.

executed by Francis E. Joy, U.S. Cadastral Engineer,

under his special instructions dated November 3, 1930., 19 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys ^{and resurveys} they describe, are hereby approved.

[Signature]

U. S. Supervisor of Surveys.

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

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

~~U. S. Supervisor of Surveys.~~