

(1)

# FIELD NOTES

of the

survey and resurvey of a portion of the subdivisinal lines, completing the survey of Township 13 South, Range 12 East, and retraced boundaries of patented mineral claims in said township,

3972

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

William E. Hiester, U.S. Surveyor,

In the capacity of U. S. Surveyor, under Special Instructions dated December 1, 1931, issued by the District Cadastral Engineer to govern surveys included in Group No. 172, which were approved by the Commissioner of the General Land Office, December 29, 1931, and Assignment Instructions dated December 4, 1931.

Survey commenced February 27, 1932.

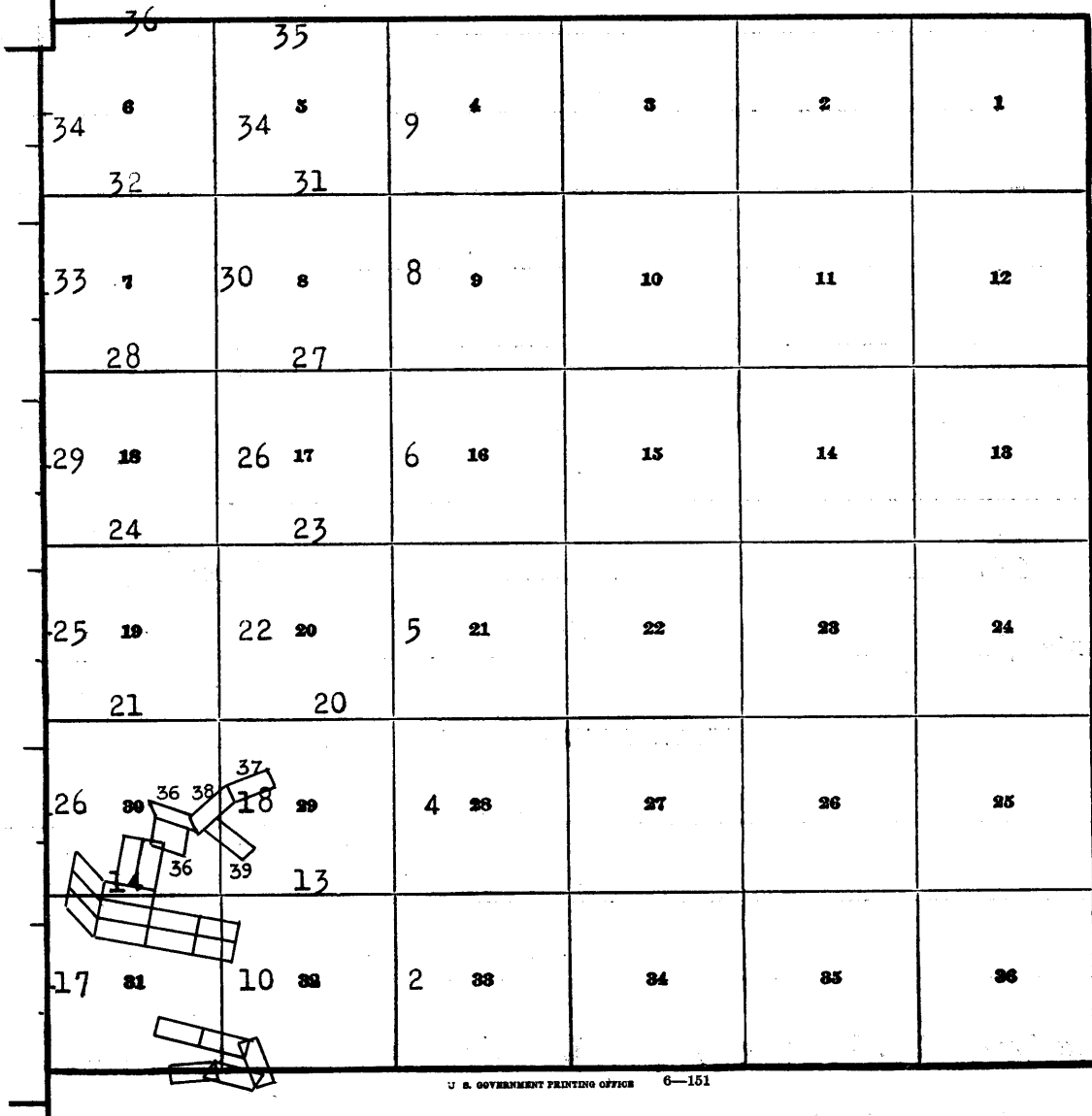
Survey completed March 15, 1932.

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# INDEX DIAGRAM.

Township 13 South, Range 12 East



Resurvey of a Portion of the Subdivisions of T. 13 S., R.12 E.

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Chains. The resurvey and survey of a portion of the subdivisions of T.13 S., R. 12 E., was executed with a light mountain transit made by Buff & Buff, Serial No. 19423, constructed in accordance with the standard specifications of the General Land Office. For description and tests of instrumental equipment and for preliminary observations, see field notes of the survey of a portion of the subdivisions of T.13 S., R. 11 E., surveyed under this group.

The west two miles of the north boundary of T.13 S., R. 12 E., was surveyed in 1921 by William H. Thorn, U. S. Cadastral Engineer. The S. bdy. of T.13 S., R.12 E. was resurveyed by O.O. Gould, U.S. Transitman, in 1925.

The east boundary of T. 13 S., R.11 E., was surveyed in 1903 by Philip Contzen, U.S. Deputy Surveyor, and resurveyed under this group.

A portion of the subdivisions of T. 13 S., R.12 E., was surveyed in 1907 by Jesse B. Wright, U.S. Deputy Surveyor.

The following notes describe a resurvey of a portion of the subdivisions, and completing the subdivisions of T.13 S., R.12 E.

Beginning at the cor. of secs. 32 and 33 on S. bdy. of Tp.

Thence

N.0°02'W., on a random line bet. secs. 32 and 33.

39.60 From this point the original  $\frac{1}{4}$  sec. cor. bears W. 19 lks. dist.

Thence from cor.,

N.0°02'W., on a random line bet. secs. 32 and 33.

39.46 Intersect E. and W. line 3 lks. E. of the original cor. of secs. 28, 29, 32 and 33.

-----  
Thence from cor.,

N.0°02'W., on a random line bet. secs. 28 and 29.

41.38 From this point the original  $\frac{1}{4}$  sec. cor. bears W. 69 lks. dist.

Thence from cor.,

N.0°02'W., on a random line bet. secs. 28 and 29.

39.29 Intersect E. and W. line, 48 lks. W. of the original cor. of secs. 20, 21, 28 and 29.

-----  
Thence from cor.,

N.0°02'W., on a random line bet. secs. 20 and 21.

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

58.00 No trace of the original witness  $\frac{1}{4}$  sec. cor.

79.80 Intersect E. and W. line 20 lks. E. of the original cor. of secs. 16, 17, 20 and 21.

-----  
Thence from cor.,

## Resurvey of a Portion of the Subdivisions of T. 13 S., R. 12 E.

Chains.	N.0°02'W., on a random line bet. secs. 16 and 17.
39.60	From this point the original $\frac{1}{4}$ sec. cor. bears W. 7 lks. dist. Thence from cor., N.0°02'W., on a random line bet. secs. 16 and 17.
38.73	Intersect E. and W. line 3 lks. E. of the original cor. of secs. 8, 9, 16 and 17. ----- Thence from cor., N.0°02'W., on a random line bet. secs. 8 and 9.
43.36	From this point the original $\frac{1}{4}$ sec. cor. bears E. 3 lks. dist. Thence from cor., N.0°02'W., on a random line bet. secs. 8 and 9, and 4 and 5.
39.59	From this point the original witness cor. to secs. 4, 5, 8 and 9, bears W. 11 lks. dist. ----- Thence from witness cor. N.0°02'W., on a random line bet. secs. 4 and 5.
38.74	From this point the original $\frac{1}{4}$ sec. cor. bears W. 51 lks. dist. Thence from cor., N.0°02'W., on a random line bet. secs. 4 and 5.
39.35	Intersect N. bdy. of Tp. 9 lks. E. of the cor. of secs. 4, 5, 32 and 33. I return to the cor. of secs. 32 and 33 on the S. bdy. of Tp, which is a sandstone, 12x8x12 ins. above ground, firmly set, mkd. 4 notches on E. face, and 2 notches on W. face, and witnessed by a mound of stone 3 ft. base, 2 ft. high, N. of cor. and two original bearing trees; from which a dead paloverde, 4 ins. diam., bears N. $36\frac{1}{2}$ ° E., 57 lks. dist., mkd. T13S R12E S33 BT, and a dead paloverde, 6 ins. diam., bears S. 78° E., 134 lks. dist., mkd. T14S R12E S4 BT. Thence N.0°18'W., on a true line bet. secs. 32 and 33. Over mountainous land, through scattering desert growth. Ascend 526 ft. over SW. slope.
12.40	Head of draw, course SW.; continue ascending over S. slope.
38.00	Top of ridge, bears E. and W.; desc. 50 ft. over N. slope.
39.60	The original $\frac{1}{4}$ sec. cor. of secs. 32 and 33, which is a limestone, 14x14x6 ins. mkd. $\frac{1}{4}$ on W. face, loosely set with mound of stone W. At true point for cor.

Resurvey of a Portion of the Subdivisions of T.13 S., R.12 E.

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Chains. Set an iron post, 3 ft. long, 1 in. diam., 14 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.

$\frac{1}{4}$   
S 32 | S 33  
1932

Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence

N.0°05'W., on a true line bet. secs. 32 and 33.

Over mountainous land, through scattering desert growth.

Descend 171 ft. over N. slope.

6.62 Gulch, course E.; asc. 179 ft. over S. slope.

13.90 Spur, slopes N.70°E.; desc. 240 ft. over N. slope.

22.03 Ravine, 10 ft. deep, course N.70°E.; asc. 107 ft. over S. slope.

32.76 Spur, slopes E.; desc. 148 ft. over N. slope.

39.05 Wash, 20 lks. wide, course E.; asc. 11 ft.

39.46 The original cor. of secs. 28, 29, 32 and 33, which is a porphyry stone, 16x14x12 ins. mkd. 1 notch on one edge and 4 notches on opposite edge, loosely set.

At true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with the original stone deposited alongside, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T13S R12E  
S 29 | S 28  
S 32 | S 33  
1932

from which

Original bearing trees.

A paloverde, 8 ins. diam., bears S. 32 $\frac{1}{4}$ ° W., 26 lks. dist., mkd. T13S R12E S32 BT.

A palo verde, 6 ins. diam., bears N. 76 $\frac{1}{2}$ ° W., 24 lks. dist., mkd. T13S R12E S29 BT.

No other bearing trees available.

Land, mountainous.

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

Timber, scattered ironwood, palo verde, mesquite, and saguaro; undergrowth, catclaw, cactus, greasewood and yucca.

## Resurvey of a Portion of the Subdivisions of T.13 S., R.12 E.

Chains.	N.0°59'W., on a true line bet. secs. 28 and 29. Over mountainous land, through scattering desert growth. Ascend 292 ft. over S. slope.
9.24	Spur, slopes E. Cor. No.1. Orient Mining Claim, bears N. 82°49' W., 168 lks. dist.; desc. 425 ft. over broken NW. slope.
27.33	Gulch, course N. 70° E.; asc. 51 ft. over SE. slope.
32.68	Spur, slopes E.; desc. 57 ft. over N. slope.
34.62	Trail, bears SE. and NW.
35.76	Ravine, course E.; asc. 64 ft. over S. slope.
40.08	Spur, slopes E.; desc. 22 ft. over N. slope.
40.67	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 29 only, with brass cap mkd.  $\frac{1}{4}$ S29   1932  raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
41.38	The original $\frac{1}{4}$ sec. cor. of secs. 28 and 29, which is a quartzite stone, 10x12x10 ins. mkd. $\frac{1}{4}$ on W. face loosely set in a mound of stone. This cor. will now refer to sec. 28 only.  At true point for cor.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with the original stone deposited alongside, for $\frac{1}{4}$ sec. cor. of sec. 28 only, with brass cap mkd.  $\frac{1}{4}$ S28   1932  raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
	Thence N.0°39'E., on a true line bet. secs. 28 and 29. Over mountainous land, through scattering desert growth.
.10	Trail, bears NE. and SW.; desc. 129 ft. over N. slope.
6.12	Gulch, course E.; asc. 214 ft. over S. slope.
13.40	Spur, slopes E.; desc. 106 ft. over NE. slope.
18.95	Head of gulch, course E.; asc. 159 ft. over SE. slope.
27.50	Spur, slopes E.; desc. 264 ft. over NW. slope.
36.89	Ravine, course NE.; asc. 10 ft. over SE. slope.

Chains.

39.29

The original cor. of secs. 20, 21, 28 and 29, which is a porphyry stone, 20x14x12 ins. above ground, firmly set, poorly mkd. with 2 notches on S. face and 4 notches on E. face, with a mound of stone W. of cor.

At true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground with the original stone deposited alongside for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T13S R12E	
S 20	S 21
S 29	S 28
1932	

Rebuild the mound of stone, 3 ft. base, 2 ft. high. W. of cor.

Land, mountainous.

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

Timber, scattered ironwood, mesquite, palo verde and saguaro; undergrowth, desert growth, cactus, catclaw, greasewood and yucca.

N.0°09'W., on a true line bet. secs. 20 and 21.

Over mountainous land, through scattered desert growth.

.20 Low spur, slopes NE.; desc. 150 ft. over N. slope.

8.68 Old road to New State Copper Claim, bears NE. and SW.

9.90 Gulch, course N.70°E.; asc. 124 ft. over SE. slope.

22.70 Spur, slopes NE.; desc. 257 ft. over NW. slope.

39.90 True point for 1/4 sec. cor. falls in wash, 20 lks. wide, course E.; asc. 8 ft.

40.50 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a granite stone 10x8x6 ins. mkd. X, deposited at the base, and in a mound of stone to top, for witness 1/4 sec. cor. with brass cap mkd.

+	
S 20	S 21
W	C
1932	

from which

A mesquite, 6 ins. diam., bears S. 76 1/2° E., 76 lks. dist., mkd. WC 1/4 S21 BT

41.00 Low spur, slopes E.; desc. 20 ft. over N. slope.

41.64 Ravine, course E.; asc. 428 ft. over S. slope.

58.00 Top of high rocky spur, slopes E.; desc. 453 ft. over NE. slope.

74.65 Ravine, course E.; asc. 35 ft. over S. slope.

## Resurvey of a Portion of the Subdivisions of T.13 S., R.12 E.

Chains.

77.10

Spur, slopes E.; desc. 25 ft.

79.80

The original cor. of secs. 16, 17, 20 and 21, which is a porphyry stone, 24x10x8 ins. above ground, firmly set, poorly mkd. with 3 notches on S. face, and 4 notches on E. face.

At true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone to top, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

T13S R12E  
S 17 | S 16  
S 20 | S 21  
1932

from which

Original bearing trees.

A palo verde, 6 ins. diam., bears S.  $5\frac{1}{4}^{\circ}$  E., 47 lks. dist., mkd. T13S R12E S21 BT.

A palo verde, 6 ins. diam., bears N.  $65^{\circ}$  W., 124 lks. dist., mkd. T13S R12E S17 BT.

Land, mountainous.

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

Timber, scattered ironwood, mesquite, palo verde and saguaro; undergrowth, catclaw, cactus, greasewood and yucca.

N.  $0^{\circ}08'W.$ , on a true line bet. secs 16 and 17.

Over mountainous land, through scattered desert growth.

.43

Head of draw, course SE.; asc. 46 ft. over SW. slope.

2.90

Ridge, bears E. and W.; desc. 164 ft. over N. slope.

10.54

Ravine, 15 lks. wide, course NW.; asc. 34 ft. over broken SW. slope.

23.30

Spur, slopes NW.; desc. 103 ft. over NE. slope.

30.88

Wash, 5 lks. wide, course NW.; asc. 28 ft. over SW. slope.

39.60

The original  $\frac{1}{4}$  sec. cor. of secs. 16 and 17, which is a granite stone, 20x10x12 ins. above ground, mkd.  $\frac{1}{4}$  on W. face, loosely set in a mound of stone. This cor. will now refer to sec. 16 only.

At true point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 16 only, with brass cap mkd.

|  $\frac{1}{4}$  S16

1932

from which



Resurvey of a Portion of the Subdivisions of T.13 S., R.12 E.

BOOK 387

Chains.

The original bearing tree:

A palo verde, 5 ins. diam., bears S.  $34\frac{1}{2}^{\circ}$  E., 21 lks. dist., mkd.  $\frac{1}{4}$  S16 BT

No trace of the original SW. bearing tree.

Thence

N.  $0^{\circ}05'$  W., on a true line bet. secs. 16 and 17.

Over mountainous land, through scattered desert growth.

.37 Mid point on E. bdy. of sec. 17

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a granite stone,  $8\frac{1}{2} \times 4$  ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 17 only, with brass cap mkd.

$\frac{1}{4}$  S17 |  
1932

Ascend 46 ft. over SW. slope.

5.00 Spur, slopes W.; desc. 179 ft. over N. slope.

18.15 Prospect hole,  $6 \times 6 \times 8$  ft. deep, on line.

25.84 Wash, 30 lks. wide, course NE.; asc. 44 ft. over SE. slope.

37.70 Spur, slopes NE.; desc. 4 ft.

38.73 The original cor. of secs. 8, 9, 16 and 17. which is a granite stone,  $10 \times 12 \times 12$  ins. above ground, firmly set. mkd. 4 notches on S. face, and 4 notches on E. face. This cor. will now refer to secs. 9 and 16 only.

At true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone to top, for cor. of secs. 9 and 16 only, with brass cap mkd.

T13S R12E  
S 17 |  $\frac{S 9}{S 16}$   
1932

from which

The original bearing trees:

A palo verde, 6 ins. diam., bears S.  $80^{\circ}$  E., 133 lks. dist., poorly mkd. I remark this tree T13S R12E S16 BT.

A palo verde, 8 ins. diam., bears N.  $4^{\circ}$  W., 183 lks. dist., mks. illegible. I destroy the marks on this tree.

Land, mountainous.

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

Timber, scattered mesquite, ironwood. palo verde and saguaro; undergrowth, catclaw, greasewood, cactus and yucca.

Chains.	N.0°01'E., on a true line along the W. bdy. of sec. 9. Over mountainous land, through scattered desert growth. Descend 90 ft. over N. slope.
10.97	Wash, 30 lks. wide, course NW.; asc. 44 ft. over SW. slope.
15.00	Spur, slopes W.; desc. 53 ft. over NW. slope.
16.22	Post 4 ins. square, set in a mound of stone, 4 ft. base, 3 ft. high, bears E. 9 lks. dist.
19.25	Same wash, 30 lks. wide, course NE.; asc. 21 ft. over SE. slope.
25.20	Spur, slopes NE.; continue over rolling land.
31.16	Wash, 10 lks. wide, course E.
34.90	Low spur, slopes NE.
36.76	Wash, 10 lks. wide, course NE.
41.65	Mid point on E. bdy. of sec. 8.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap mkd.  <div style="text-align: center;"> <math>\frac{1}{4}</math> S8    1932 </div> <div style="text-align: right; margin-right: 100px;">from which</div> An ironwood, 4 ins. diam., bears S. 25 $\frac{1}{2}$ ° W., 109 lks. dist., mkd. $\frac{1}{4}$ S8 BT  An ironwood, 5 ins. diam., bears S. 62 $\frac{1}{2}$ ° W., 205 lks. dist., mkd. $\frac{1}{4}$ S8 BT
43.36	The original $\frac{1}{4}$ sec. cor. of sec. 8 and 9, which is a porphyry stone, 6x8x12 ins. above ground, firmly set, with $\frac{1}{4}$ mkd. on W. face. This cor. will now refer to sec. 9 only.  At true point for cor.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with the original stone deposited alongside, for $\frac{1}{4}$ sec. cor. of sec. 9 only, with brass cap mkd.  <div style="text-align: center;"> <math>\frac{1}{4}</math> S9    1932 </div> <div style="text-align: right; margin-right: 100px;">raise a mound of</div> stone, 3 ft. base, 2 ft. high E. of cor.  Thence  N.0°11'W., on a true line, along the W. bdy. of sec. 9 Over mountainous land, through scattered desert growth.
13.20	Old road, bears NE. and SW.
25.70	Top of small knoll.; desc. 67 ft. over N. slope.

Resurvey of a Portion of the Subdivisions of T.13 S., R.12 E.

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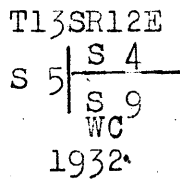
- Chains. 26.32 Prospect hole, 6x6x4 ft. deep, bears W. 10 lks. dist.
- 36.90 Wash, 30 lks. wide, course NE.; continue over rolling land.
- 37.75 Road, bears SE. and NW.
- 39.10 True point for cor. of secs. 4, 5, 8 and 9, falls in wash, course NW.

49 lks. dist.,

True point is S. 0° 11' E., from the original witness cor. of secs. 4, 5, 8 and 9, which is a granite stone, 6x10x4 ins. above ground, firmly set, mkd. with 5 notches on S face, and 4 notches on E. face. This cor. will now refer to secs. 4 and 9 only.

At true point for witness cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone to top, for witness cor. of secs. 4 and 9 only, with brass cap mkd.



from which

The original bearing trees:

A palo verde, 6 ins. diam., bears N. 46 $\frac{1}{2}$ ° E., 24 lks. dist., mkd. WC T13S R12 E S4 BT.

A palo verde, 8 ins. diam., bears S. 58 $\frac{1}{2}$ ° E., 171 lks. dist., mkd. WC T13S R12E S9 BT.

I destroy all evidence of the marks on the SW. and NW. bearing trees.

Land, rolling and mountainous.

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

Timber, scattered mesquite, ironwood, palo verde and saguaro; undergrowth, catclaw, greasewood and cactus.

N. 0° 47' W., on a true line bet. secs. 4 and 5. from the true point for cor.

Over rolling land, through scattered desert growth.

- 19.69 Wash, 40 lks. wide, course NE.
- 22.89 Wash, 10 lks. wide, course NE.; asc. 245 ft. over steep rocky SE. slope.
- 32.59 Top of high rocky spur, slopes E.; desc. 141 ft. over N. slope.
- 39.23 The original  $\frac{1}{4}$  sec. cor. of secs. 4 and 5, which is a granite stone in place, 18x24x36 ins. above ground. mkd. X,  $\frac{1}{4}$  on top of stone.

Alongside the original stone:

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

Chains.

$$\frac{1}{4}$$

$$S 5 | S 4$$

1932

from which

The original bearing trees:

A palo verde, 5 ins. diam., bears N.  $81\frac{1}{4}^{\circ}$  E., 12 lks. dist., mkd.  $\frac{1}{4}$  S4 BT

A palo verde, 8 ins. diam., bears N.  $78\frac{1}{2}^{\circ}$  W., 5 lks. dist., mks. illegible.

And new bearing tree:

A palo verde, 6 ins. diam., bears N.  $70\frac{1}{2}^{\circ}$  E., 57 lks. dist., mkd.  $\frac{1}{4}$  S4 BT.

Thence

N.  $0^{\circ}09'$  W., on a true line bet. secs. 4 and 5.

Over mountainous land, through scattered desert growth.

Descend 166 ft. over N. slope.

- 9.10 Wash, 10 lks. wide, course NE.
- 16.30 Road, bears E. and W.; asc. 23 ft.
- 19.10 Knoll, about 30 ft. high, bears E. about 100 lks. dist.
- 20.30 House, bears E. 20 lks. dist.
- 20.90 Top of rocky knoll, bears W. about 50 lks. dist.; desc. 79 ft. over gradual N. slope.
- 39.35 The cor. of secs. 4, 5, 32 and 33 on N. bdy. of the Tp, which is an iron post, 2 ins. diam., standing firmly 5 ins. above the top of a mound of stone, 2 ft. base. 1 ft. high, mkd. and witnessed as described in the official record.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattered mesquite, ironwood, palo verde and saguaro; undergrowth, catclaw, greasewood, creosote, cactus and yucca.

From true point for cor. of secs. 31 and 32 on S. bdy. of Tp.

N.  $0^{\circ}03'$  W., on a random line bet. secs. 31 and 32.

- 39.94 From this point the original  $\frac{1}{4}$  sec. cor. bears E. 7 lks. dist.

Thence

N.  $0^{\circ}03'$  W., on a random line bet. secs. 31 and 32.

- 40.02 Intersect E. and W. line, 5 lks. E. of the original cor. of secs. 29, 30, 31 and 32.

Chains. I return to the true point for cor. of secs. 31 and 32 on S. bdy. of Tp., which is N.89°47'E., 7.20 chs. dist. from the witness cor. for same, identical with U.S.M.M. No.1, which is an iron post, 2 ins. diam., standing firmly 5 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, marked and witnessed as described in the official record.

Thence

N.0°03'E., on a true line bet. secs. 31 and 32.

Over mountainous land, through scattered desert growth.

Across Patented land.; asc. 162 ft. over SE. slope.

3.29 Intersect line 5-6 Sur. No. 372 New Strike Claim.

No trace of the closing cor. of frac. secs. 31 and 32 established by Deputy Wright in 1907.

From this point, Cor. No. 6 bears N.68°40'W., 3.63 chs. dist., a granite stone, 12x12x10 ins. unmarked, set in a mound of stone, 2 ft. base, 1 ft. high.

From the same point, Cor. No. 5 bears S.68°40'E., 17.36 chs. dist., a lath, unmarked. set in a mound of stone, 3 ft. base, 2 ft. high.

Leave Patented land.

6.03 Intersect line 2-3 Sur. No. 371 Lola Lopez Claim.

No trace of the closing cor. of frac. secs. 31 and 32 established by Deputy Wright in 1907.

Enter Patented Land.

From this point, Cor. No. 2 bears N.75°05'W., 11.39 chs. dist., a pine post, 4 ins. square, standing firmly 12 ins. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. C N V on W. face, with old decayed pine post deposited alongside.

From the same point, Cor. No. 3 bears S. 75°05'E., 10.78 chs. dist., a decayed pine post, set in a mound of stone, 3 ft. base, 2 ft. high.

10.00 Ridge, bears NE. and SW.; desc. 232 ft. over NW. slope.

15.31 Intersect line 5-6 Sur. No. 371 Lola Lopez Claim.

No trace of the closing cor. of frac. secs. 31 and 32 established by Deputy Wright in 1907.

From this point Cor. No. 6 bears N.74°25'W., 8.85 chs. dist., a pine post, 4 ins. square, standing firmly 12 ins. above the top of a mound of stone, 4 ft. base, 2½ ft. high, mkd. C N V I on W. face, with old decayed pine post deposited alongside.

Leave Patented Land.

19.20 Ravine, course W.; asc. 27 ft. over S. slope.

21.40 Spur, slopes W.; desc. 30 ft. over N. slope.

22.77 Ravine, course W.; asc. 150 ft. over SW. slope.

29.25 Spur, slopes W.; desc. 120 ft. over N. slope.

Chains.

36.30

Ravine, course W.; asc. 17 ft.

39.94

The original  $\frac{1}{4}$  sec. cor. of secs. 31 and 32, which is a porphyry stone, 10x10x12 ins. above ground, firmly set, mkd.  $\frac{1}{4}$  on W. face, and witnessed by a mound of stone W. pf cor.

At true point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with the original stone deposited alongside, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
 S 31 | S 32  
 1932

from which

Highest point of Wasson Peak, bears N.4°04'W.

A pine post, 4 ins. square, unmarked, standing firmly 2 ft. above the top of a mound of stone, 4 ft. base  $1\frac{1}{2}$  ft. high, bears S.16°15'W., 5.36 chs. dist.

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

Thence

N.0°07'W., on a true line bet. secs. 31 and 32.

Over mountainous land, through scattered desert growth.

2.50

Low spur, slopes W.; desc. 24 ft. over N. slope.

4.60

Wash, 30 lks. wide, course W.; asc. 171 ft. over S. slope.

8.93

Old mine shaft, bears E. 50 lks. dist.

12.00

Intersect line 1-4 Sur. No. 3978 Coper Crun Claim.

From this point, Cor. No. 1 bears S.84°39'E. 10.20 chs. dist., an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY NO. 3978, and 1 C C on E. edge.

From the same point, Cor. 1-4 bears N.84°39'W., 12.52 chs. dist., an iron post, 1 in. diam., standing firmly 19 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978., 4 C C on E. edge, and 1 C Q on W. edge.

Across alienated land.

12.96

Trail, bears E. and W.

15.20

Spur, slopes W.; desc. 48 ft. over NW. slope.

22.85

Gulch, course SW.; asc. 285 ft. over SE. slope.

30.24

Intersect line 1-4 Sur. No. 3978 Buena Vista Claim.

From this point, Cor. 3-4 bears S.84°47'E., 11.86 chs. dist., an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft.

Resurvey of a Portion of the Subdivisions of T.13 S., R. 12 E.

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Chains. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, 4 B~~V~~ on SW edge, and 3 A on NW. edge.

Leave alienated land.

40.02 The original cor. of secs. 29, 30, 31 and 32, which is a porphyry stone, 24x2x6 ins. above ground, firmly set, mkd. 1 notch on S edge and 5 notches on E. face. This cor. will now refer to secs. 31 and 32 only.

At true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with the original stone, deposited alongside, for cor. of secs. 31 and 32 only. with brass cap mkd.

S 29	
S 31	S 32
T13S	R12E
1932	

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

No trace of the original bearing trees.

Land, mountainous.  
Soil, sandy. 3rd rate, and rocky 4th rate.  
Timber, scattered palo verde, mesquite and ironwood.  
Undergrowth, catclaw, greasewood, creosote, cactus and yucca.

Survey of a Portion of the Subdivisions of T.13 S., R. 12 E.

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From the cor. of secs. 31 and 32 above described.

East on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

79.16 Intersect N. and S. line 104 lks. N. of the cor. of secs 28, 29, 32 and 33.

Thence

N. 89° 15' W., on a true line bet. secs. 29 and 32.

Over mountainous land, through scattered desert growth.

Descend 86 ft. along S. slope.

8.78 Rocky wash, 30 lks. wide, course S. 70° E.; asc. 682 ft. over NE. slope.

25.10 Head of same wash, course N. 70° E.

38.00 Top of high rocky spur, slopes N.; desc. 125 ft. over NW. slope.

39.58 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a sandstone, 16x12x8 ins. mkd. X, deposited at the base, and in a mound of stone to top, for 1/4 sec. cor. of sec. 32 only, with brass cap mkd.

## Survey of a Portion of the Subdivisions of T. 13 S., R. 12 E.

Chains.

 $\frac{1}{4}$  S 32<sup>W</sup>  
1932

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a sandstone, 16x10x6 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 29 only, with brass cap mkd.

 $\frac{1}{4}$  S 29  
1932

41.00 Head of draw, course N.; asc. 8 ft. over E. slope.

43.50 Top of ascent; desc. 124 ft. over W. slope.

48.55 Head of draw, course N.; asc. 19 ft. over NE. slope.

53.50 Low divide, bears SE. and NW.; desc. 132 ft. over SW. slope.

57.00 Head of gulch, course S.

63.20 Trail, on spur, slopes SW.

65.50 Head of gulch, course SW.; asc. 36 ft. over SE. slope.

66.29 Intersect line 3-4 Sur. No. 3978. Cimarron Claim.

From this point, Cor. No. 3 bears N.5°13'E., 7.44 chs. dist., an iron post, 1 in diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978 and 3 C on W. edge.

From the same point Cor. No. 4-4 bears S.5°13'W., 1.65 chs. dist., an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, 4 C on N. edge and 4 A on S. edge.

72.20 Low spur, slopes S.; desc., 69 ft. over SW. slope.

75.66 Ravine, course S.; asc. 86 ft. over SE. slope.

79.16 The cor. of secs. 31 and 32.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, scattered mesquite, and palo verde.  
Undergrowth, catclaw, cactus, creosote, greasewood and yucca.

S.89°54'W., on a true line along N. bdy. of sec. 31  
( the mean course of the S. bdy. of sec. 31).

Over mountainous land, through scattered desert growth.

Ascend 24 ft. over NE. slope.

.84 At this point which is 80.00 chs. in departure from the cor. of secs. 28, 29, 32 and 33.; set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 29 and 30 only, with brass cap mkd.



Chains.

T13S R12E  
S 30 S 29  
S 31  
1932

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

Ascend 51 ft. over NE. slope.

3.06 Top of spur, slopes SW.

From this point, house at deserted mining camp, bears  
S.64°W. (A)

House (B) bears S.68°45'W.

House (C) bears S.71°19'W.

Work shop, (D) bears S.72°20'W.

Mess house, bears S.73°30'W.

Rock crusher, bears S.74°06'W.

NE. cor. of Mill at Mile Wide Mine, bears S.75°05'W.

House (E) bears S.75°W.

Descend 137 ft. over W. slope.

7.64 Gulch, course S.30°W.; asc. 51 ft. over SE. slope.

13.40 Spur, slopes S.; desc. 92 ft. over W. slope.

17.21 Ravine, course S.; asc. 92 ft. over E. slope.

20.20 Spur, slopes S.; desc. 173 ft. over W. slope.

25.65 House at Mile Wide Mine, (A) bears S.38°30'W.

House (B) bears S.45°30'W.

House (C) bears S.49°15'W.

Work shop, (D) bears S.48°40'W.

Mess house, bears S.51°35'W.

Rock crusher, bears S.51°45'W.

NE. cor. of mill, bears S.55°W.

House (E) bears S.47°30'W.

29.92 Ravine, course S.; asc. 34 ft. over E. slope.

32.82 Intersect line 1-2 Sur. No. 3978 St Paul Claim.

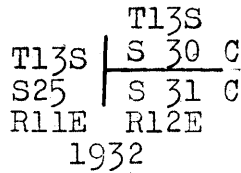
From this point, Cor. No. 1 bears N.5°13'E., 2.37 chs.  
dist., an iron post, 1 in. diam., standing firmly 18  
ins. above the top of a mound of stone, 2 ft. base, 1 ft.  
high, with brass cap 4 ins. square, top mkd. U S MINERAL  
SURVEY NO. 3978, CT on NE. edge, SF on SE. edge. SP on  
SW. edge, and CB on NW. edge.

Chains.	<p>From the same point Cor. No. 3 bears S. 5° 13' W., 6.72 chs. dist., an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, 3 SF on NE. edge, 4 SF on SE. edge, 1 CK on SW. edge and 2 SP on NW. edge.</p> <p>Enter alienated land.</p>
33.50	Low spur, slopes S.; desc. 67 ft. over W. slope.
37.62	Gulch, course S.; asc. 71 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap mkd.
	<u><math>\frac{1}{4}</math> S 31</u> 1932
	raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
40.84	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a sandstone 10x10x8 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 30 only, with brass cap mkd.
	<u><math>\frac{1}{4}</math> S 30</u> 1932
	No bearing trees available.
	Ascend 312 ft. over rocky E. slope.
51.60	Rocky spur, slopes S.; desc. 116 ft. over SW. slope.
55.56	From this point a gas pipe, 1 in. diam., standing firmly 12 ins. above ground, bears North 5 $\frac{1}{2}$ lks. dist.; SE. end center of Washington and W. end center of St Paul Claims, Sur. 3978.
57.44	Ravine, course S.; asc. 108 ft. over SE. slope.
63.50	Spur, slopes S.; desc. 106 ft. over SW. slope.
66.80	Prospect hole, bears N. 30 lks. dist.
70.78	Ravine, course SW.; asc. 24 ft. over SE. slope.
73.48	Intersect line 3-4 Sur. No. 3978 San Maguel Claim.
	<p>From this point Cor. No. 3 bears S. 5° 13' W., 7.28 chs. dist.; an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, and 3 SM on NE. edge.</p> <p>From the same point Cor. No. 4-3 bears N. 5° 13' E., 1.81 chs. dist., an iron post, 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, 3 M on NE. edge, and 4 SM on SE. edge.</p> <p>Leave alienated land.</p>

Chains. Ascend 135 ft. over SE. slope.

89.02 Intersect W. bdy. of Tp.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 30 and 31, with brass cap mkd.



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

From this point the cor. of secs. 25 and 36 on E. bdy. of T.13S., R.11 E., bears South, 13.88 chs. dist.; an iron post, 2 ins. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

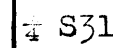
From the same point the witness  $\frac{1}{4}$  sec. cor. of sec. 25 on the E. bdy. of T. 13 S., R. 11 E., bears North, 26.37 chs. dist., an iron post, 1 in. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

Land, mountainous.  
Soil, sandy; 3rd rate, and rocky; 4th rate.  
Timber, scattered mesquite, ironwood, and palo verde.  
Undergrowth, catclaw, cactus, creosote and yucca.

The point for  $\frac{1}{4}$  sec. cor. on the W. hdy. of sec. 31. is 40.00 chs. North from the SW. cor. of T. 13 S., R.12 E. and 14.02 chs. N. from the  $\frac{1}{4}$  sec. cor. on the E. bdy. of sec. 36 of R. 11 E. The two above mentioned corners are described in the field notes of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

At the point for  $\frac{1}{4}$  sec. cor. on W. bdy. of sec. 31.

Set an iron post, 3 ft. long, 1 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap mkd.



1932

from which

A palo verde, 5 ins. diam., bears N. 45° E., 79 lks. dist., mkd.  $\frac{1}{4}$  S31 BT

A palo verde, 6 ins. diam., bears S. 40 $\frac{1}{2}$ ° E. 106 lks. dist., mkd.  $\frac{1}{4}$  S31 BT

SW. corner of ore bin, bears S. 78° 40' E., 158 lks. dist.

Center of shaft, bears N. 85° E., 298 lks. dist.

Chains.	From the cor. of secs. 20, 21, 28 and 29. West on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. cor. of secs. 19, 20, 29 and 30. ----- South on a random line bet. secs. 29 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.57	Intersect E. and W. line, 21 lks. W. of the cor. of secs. 29 and 30, hereinbefore described. Thence from cor. of secs. 29 and 30. North, on a true line bet. secs. 29 and 30, on sectional guide meridian. Over mountainous land, through scattered desert growth. Ascend 609 ft. over SE. slope.
3.30	Head of draw, course SE.
8.00	Low spur, slopes SW.
8.61	Intersect line, 2-3 Sur. No. 3978, Cimarron Claim. From this point, Cor. No. 2 bears N. $84^{\circ}47'W.$ , 8.35 chs. dist., an iron post 1 in. diam., standing firmly 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. square, top mkd. U S MINERAL SURVEY No. 3978, 2 CT on SW. edge and 2 C on SE. edge. From the same point Cor. No. 3 hereinbefore described, bears S. $84^{\circ}47'E.$ , 14.38 chs. dist.
11.02	Head of gulch, course SW.; asc. SW. slope.
20.20	Top of high rocky spur, slopes E.
20.39	Intersect line 3-4 Sur. No. 1709 Apex Claim. From this point Cor. No. 3 hereinafter described, bears S. $52^{\circ}11'E.$ , 11.50 chs. dist. From the same point Cor. No. 4 hereinafter described, bears N. $52^{\circ}11'W.$ , 10.23 chs. dist. Across patented mineral land. Descend 174 ft. over NE. slope.
22.00	Mouth of tunnel, bears W. about 200 lks. dist.
27.18	Trail, bears SE. and NW.
31.32	Intersect line 1-2 Sur. No. 1709 Apex Claim. From this point Cor. No. 1 hereinafter described, bears N. $52^{\circ}28'W.$ , 2.00 chs. dist. From the same point Cor. No. 2 hereinafter described, bears S. $52^{\circ}28'E.$ , 20.45 chs. dist. Leave patented mineral land.

Chains.  
 31.70 Head of draw, course E.; asc. 258 ft. over SE. slope.  
 34.05 Intersect line 1-2 Sur. No. 1709. Jumbo Claim.  
 From this point Cor. No. 1. hereinafter described, bears N.46°24'E., 8.24 chs. dist.  
 From the same point, Cor. No.1 Apex Claim, hereinafter described, bears S.46°24'W., 2.19 chs. dist.  
 Across patented mineral land.  
 39.57 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.  

$$\begin{array}{c} \frac{1}{4} \\ S\ 30\ | \ S\ 29 \\ 1932 \end{array}$$
 raise a mound of stone, 3 ft. base, 2 ft. high. W. of cor.  
 Ascend 81 ft. over SE. slope.  
 41.11 Trail, bears SE. and NW. on ridge, bears NE. and SW.  
 42.13 A triangulation station of the U.S. Geological Survey. Wasson, bears N.66°50'E., 4.77 chs. dist.; a brass tablet seated in a sandstone boulder, conforming to the record.  
 From the same point, a pine post, 8 ins. square, standing firmly 5 ft. above the top of a mound of stone, 6 ft. base, 2 ft. high, ( unmarked) bears N.66°12'E., 4.77 chs. dist.  
 Descend 993 ft. over steep rocky NW. slope.  
 44.29 Intersect line 3-4 Sur. No. 1709 Jumbo Claim.  
 From this point Cor. No. 3 hereinafter described, bears S.46°33'W., 17.20 chs. dist.  
 From the same point Cor. No. 4 hereinafter described, bears N.46°33'E., 4.70 chs. dist.  
 Leave patented mineral land.  
 79.57 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.  

$$\begin{array}{c} T13S\ R12E \\ S\ 19\ | \ S\ 20 \\ S\ 30\ | \ S\ 29 \\ 1932 \end{array}$$
 from which  
 A palo verde, 8 ins. diam., bears N. 28° E., 190 lks. dist., mkd. T13S R12E S20 BT  
 A palo verde, 5 ins. diam., bears S.72½°E., 84 lks. dist., mkd. T13S R12E S29 BT  
 A palo verde, 6 ins. diam., bears S.76¼°W., 51 lks. dist., mkd. T13S R12E S30 BT

Chains	<p>A palo verde, 5 ins. diam., bears N.61<math>\frac{1}{4}</math>°W., 51 lks. dist., mkd. T13S R12E S19 BT</p> <p>Land, mountainous. Soil, sandy. 3rd rate, and rocky 4th rate. Timber, scattered mesquite, ironwood, and palo verde. Undergrowth, catclaw, greasewood, creosote, cactus and yucca.</p>
	<p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>West on sectional correction line, bet. secs. 20 and 29.</p> <p>Over mountainous land, through scattered desert growth.</p> <p>Along broken N. slope.</p> <p>16.40 Descend 6 ft. over NW. slope.</p> <p>19.45 Gulch, course NE.; asc. 429 ft. over SE. slope.</p> <p>35.70 High rocky spur, slopes NE.; desc. 165 ft. over NW. slope.</p> <p>39.79 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a granite stone, 6x6x16 ins. mkd. X, deposited at the base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S 20  S 29  1932 </p> <p>No bearing trees available.</p> <p>Descend 105 ft. over rocky W. slope.</p> <p>44.68 Gulch, course N.; asc. 47 ft. over E. slope.</p> <p>47.40 Spur, slopes N.; desc. 15 ft. over NW. slope.</p> <p>52.78 Gulch, course NE.; asc. 40 ft. over SE. slope.</p> <p>54.00 Point of low spur, slopes N.; continue along NE. slope.</p> <p>55.52 Gulch, course NE.</p> <p>64.38 Draw, course SE.; asc. 363 ft. over E. slope.</p> <p>70.40 Top of high rocky ridge, bears N. and S.; desc. 267 ft. over W. slope.</p> <p>79.79 The cor. of secs. 19, 20, 29 and 30.</p> <p>Land, mountainous. Soil, sandy 3rd rate; and rocky 4th rate. Timber, scattered mesquite, palo verde, ironwood and saguaro; undergrowth. catclaw, creosote, greasewood and cactus.</p>

Survey of a Portion of the Subdivisions of T.13 S., R.12 E.

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- Chains West on sectional correction line, bet. secs. 19 and 30.  
Over mountainous land, through scattered desert growth.  
Descend 54 ft. over W. slope.
- 1.11 Ravine, 10 ft. deep, course N.; asc. 36 ft. over NE. slope.
- 4.40 Spur, slopes N.; desc. 202 ft. over W. slope.
- 19.40 Ravine, 10 ft. deep, course NW.; asc. 35 ft. over NE. slope.
- 22.40 Spur, slopes NW.; desc. 123 ft. over NW. slope.
- 30.71 Wash, 10 lks. wide, course NW.; continue along rocky N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 19  
 S 30  
 1932

from which

A palo verde, 5 ins. diam., bears N.15°E., 87 lks. dist., mkd.  $\frac{1}{4}$  S19 BT

A palo verde, 8 ins. diam., bears S.82 $\frac{1}{2}$ °E., 74 lks. dist., mkd.  $\frac{1}{4}$  S30 BT

Descend 115 ft. over NW. slope.

- 56.91 Ravine, course N.; asc. 10 ft.
- 59.90 Low spur, slopes N.; desc. 45 ft. over NW. slope.
- 64.46 Wash, 10 lks. wide, course N.; desc. 94 ft. over NW. slope.
- 88.31 Intersect W. bdy. of Tp.

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

T13S T13S  
 T13S S 19 C  
 S24 S 30 C  
 R11E R12E  
 1932

from which

A palo verde, 8 ins. diam., bears N.28 $\frac{1}{2}$ °E., 187 lks. dist., mkd. T13S R12E S19 CC BT

A palo verde, 12 ins. diam., bears S.73 $\frac{1}{4}$ °E., 105 lks. dist., mkd. T13S R12E S30 CC BT

From this point the cor. of secs. 24 and 25 on E. bdy. of T.13 S., R.11 E., bears South, 13.61 chs. dist.; an iron post, 2 ins. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

Survey of a Portion of the Subdivisions of T.13 S., R. 12 E.

Chains	<p>From the same point the <math>\frac{1}{4}</math> sec. cor. on E. bdy. of sec. 24, T.13 S., R. 11 E., bears North, 26.39 chs. dist.; an iron post, 1 in. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.</p> <p>Land, mountainous. Soil, sandy 3rd rate; and rocky 4th rate. Timber, scattered palo verde, mesquite and ironwood. Undergrowth, catclaw, mesquite, greasewood, octillo and cactus.</p>
10.25	<p>From the cor. of secs. 19, 20, 29 and 30.</p> <p>North on sectional guide meridian, bet. secs. 19 and 20.</p> <p>Over mountainous land, through scattered desert growth.</p> <p>Descend 110 ft. over NW. slope.</p> <p>Old mine shaft 20 ft. deep.</p>
12.86	<p>Ravine, course NW.; asc. 24 ft. over SW. slope.</p>
16.30	<p>Point of rocky spur, slopes W.; desc. 193 ft. over NW. slope.</p>
24.50	<p>Ravine, course NW.</p>
26.75	<p>Low spur, slopes NW.; desc. 166 ft. over NE. slope.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <math>\frac{1}{4}</math>              S19   S20              1932         </div> <p style="text-align: right; margin-right: 100px;">from which</p> <p>A palo verde, 4 ins. diam., bears N.29°E., 55 lks. dist., mkd. <math>\frac{1}{4}</math> S20 BT</p> <p>A palo verde, 5 ins. diam., bears N.88<math>\frac{1}{2}</math>°W., 39 lks. dist., mkd. <math>\frac{1}{4}</math> S19 BT</p> <p>Descend 191 ft. over rocky NE. slope.</p>
43.50	<p>Ravine, 20 ft. deep, course NW.</p>
46.00	<p>Low spur, slopes NW.; continue descending over gradual N. slope.</p>
65.15	<p>Continue descending over NW. slope.</p>
67.40	<p>Wash, 25 lks. wide, course NE.; continue over rolling land.</p>
78.42	<p>Ravine, course NE.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.</p>



Survey of a Portion of the Subdivisions of T.13 S., R.12 E.

BOOK 3972

Chains

T13S R12E	
S 18	S 17
S 19	S 20
1932	

from which

A palo verde, 6 ins. diam., bears N.74 $\frac{1}{2}$ °E., 124 lks. dist., mkd. T13S R12E S17 BT

A palo verde, 5 ins. diam., bears S.43 $\frac{1}{2}$ °E., 130 lks. dist., mkd. T13S R12E S20 BT

An ironwood, 5 ins. diam., bears S.31 $\frac{3}{4}$ °W., 84 lks. dist., mkd. T13S R12E S19 BT

A palo verde, 5 ins. diam., bears N.82°W., 90 lks. dist., mkd. T13S R12E S 18 BT

Land, mountainous.  
Soil, sandy 3rd rate; and rocky 4th rate.  
Timber, scattered mesquite, ironwood, palo verde and saguaro; undergrowth, catclaw, cactus, ocotillo and yucca.

East on a random line bet. secs. 17 and 20.

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

79.58 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence

N.89°51'W., on a true line bet. secs. 17 and 20.

Over mountainous land, through scattered desert growth.

Ascend 93 ft. over E. slope.

4.00 Base, of bluff 30 ft. high.

5.40 Descend 193 ft. over NW. slope.

15.25 Ravine, course NW.

18.08 Spur, slopes NW.; desc. 20 ft. over W. slope.

18.72 Gulch, course NE.; asc. 97 ft. over SE. slope.

26.00 Spur, slopes NE.; desc. 17 ft. over NW. slope.

33.50 Head of ravine, course NE.; asc. 41 ft. over SE. slope.

36.80 Spur, slopes N.; desc. 44 ft. over W. slope.

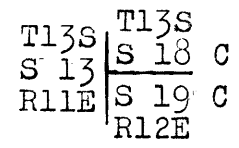
39.58 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock, with a sandstone 10x10x12 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 17
S 20
1932

Chains	
40.30	Wash, 20 lks. wide, course NE.; asc. 33 ft. over SE. slope.
42.50	Spur, slopes NE.; desc. 36 ft. over NW. slope.
47.08	Small gulch, course NE.; asc. 94 ft. over E. slope.
52.80	Top of ridge, bears N. and S.; desc. 70 ft. over W. slope.
63.60	Ravine, course N.; asc. 14 ft. over E. slope.
66.10	Low spur, slopes N.; desc. 23 ft. over W. slope.
71.50	Wash, 20 lks. wide, course NE.; asc. 23 ft. over E. slope.
74.30	Top of ascent; desc. 15 ft. over NW. slope.
75.70	Wash, 40 lks. wide, course NE.; asc. 21 ft.
79.58	The cor. of secs. 17,18,19 and 20.
	Land, mountainous. Soil, sandy 3rd rate; and rocky 4th rate. Timber, scattered ironwood, palo verde, mesquite and saguaro; undergrowth, catclaw, cactus, ocotillo and yucca.
	West on a true line bet. secs. 18 and 19. Over rolling land, through dense desert growth. Ascend 16 ft. over E. slope.
2.70	Spur, slopes N.; desc. 29 ft. over W. slope.
5.36	Ravine, course N.; asc. 27 ft. over E. slope.
11.50	Spur, slopes N.; desc. 43 ft. over W. slope.
17.50	Wash, 70 lks. wide, course N.; asc. 57 ft. over E. slope.
20.85	Old road, bears N. and S., in wash 50 lks. wide, course N.
24.65	Spur, slopes N.; desc. 51 ft. over W. slope.
28.27	Ravine, course N.; asc. 22 ft. over E. slope.
29.60	Spur, slopes N.; desc. 53 ft. over W. slope.
33.63	Ravine, course N.; asc. 34 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 18 $\frac{1}{4}$ S 19 1932
	from which
	An ironwood, 10 ins. diam., bears N.16 $\frac{1}{2}$ °E., 113 lks. dist., mkd. $\frac{1}{4}$ S18 BT
	A palo verde, 8 ins. diam., bears S.60°W., 15 lks. dist., mkd. $\frac{1}{4}$ S19 BT

Chains.  
 43.00 Wash, 30 lks. wide, course N.; asc. 13 ft.  
 45.00 Low spur, slopes N.  
 48.00 Wash, 30 lks. wide, course N.; continue over rolling land.  
 63.30 Road, bears N. and S.  
 74.00 Wash, 30 lks. wide, course N. 30° E.; asc. 103 ft. over E. slope.  
 88.28 Intersect W. bdy. of Tp.

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



1932

from which

An ironwood, 6 ins. diam., bears N. 35° E., 161 lks. dist., mkd. T13S R12E S18 CC BT

A palo verde, 4 ins. diam., bears S. 55° E., 23 lks. dist., mkd. T13S R12E S19 CC BT

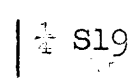
From point of intersection the cor. of secs. 13 and 24. on E. bdy. of T. 13 S., R. 11 E., bears South 14.20 chs. dist. an iron post, 2 ins. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

From the same point the witness sec. cor. on E. bdy. of sec. 13, T. 13 S., R. 11 E., bears North, 25.40 chs. dist., an iron post, 1 in. diam., with brass cap mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

Land, mountainous and rolling.  
 Soil, sandy; 3rd rate.  
 Timber, ironwood, mesquite, palo verde and saguaro.  
 Undergrowth, catclaw, ocotillo, greasewood and cactus.

At a point midway bet. the NW. and SW. cors. of sec. 19. on the W. bdy. of the Tp., and 13.61 chs. N. from the 1/4 sec. cor. of sec. 24, described in the field notes of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for 1/4 sec. cor. of sec. 19 only, with brass cap mkd.



1932

from which

A palo verde, 4 ins. diam., bears N. 47° E., 27 lks. dist., mkd. 1/4 S19 BT

A palo verde, 4 ins. diam., bears S. 84 1/4° E., 55 lks. dist., mkd. 1/4 S19 BT

Chains. The true point for  $\frac{1}{4}$  sec. cor. on the W. bdy. of sec. 30  
40.00 chs. S. from the closing cor. of secs. 19 and 30,  
and 13.36 chs. N. from the witness  $\frac{1}{4}$  sec. cor. on E.  
bdy. of sec. 25. and falls in sand wash. Said witness  
 $\frac{1}{4}$  sec. cor. is described in the field notes of the E.  
bdy. of T. 13 S., R. 11 E., resurveyed under this group.

At a point 1.11 chs. North from the true point for  $\frac{1}{4}$   
sec. of sec. 30.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in  
the ground, for witness  $\frac{1}{4}$  sec. cor. of sec. 30 only,  
with brass cap mkd.

|  $\frac{1}{4}$  S30  
| WC  
1932

from which

A palo verde, 6 ins. diam., bears N.  $68\frac{1}{2}^{\circ}$  E., 96 lks.  
dist., mkd. WC  $\frac{1}{4}$  S30 BT

A palo verde, 6 ins. diam., bears S.  $40\frac{3}{4}^{\circ}$  E., 44 lks.  
dist., mkd. WC  $\frac{1}{4}$  S30 BT

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

North on sectional guide meridian, bet. secs. 17 and 18.

Over rolling land, through dense desert growth.

Descend 127 ft. over NE. slope.

19.30 Bend in wash, 30 lks. wide, from SE. course NE.

20.37 Prospect hole, bears W. 15 lks. dist.

29.03 Wash, 75 lks. wide, course NW.; asc. 33 ft. over SW.  
slope.

36.76 Spur, slopes W.; desc. 116 ft. over NW. slope.

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

$\frac{1}{4}$   
S 18 | S 17  
1932

from which

An ironwood, 5 ins. diam., bears S.  $43\frac{1}{4}^{\circ}$  E., 34 lks.  
dist., mkd.  $\frac{1}{4}$  S17 BT

An ironwood, 9 ins. diam., bears N.  $40\frac{1}{2}^{\circ}$  W., 50 lks.  
dist., mkd.  $\frac{1}{4}$  S18 BT

Descend 48 ft. over NW. slope.

41.60 Ravine, 15 ft. deep, course W.

44.60 Old shaft, 20 ft. deep, bears E. 50 lks. dist.

45.42 Ravine, course W.; asc. 82 ft. over SW. slope.

51.60 Spur, slopes W.; desc. 44 ft. over NW. slope.

62.00 Continue along W. slope.

Survey of a Portion of the Subdivisions of T.13 S., R.12 E.

BOOK 3972

Chains. 69.60	Spur, slopes W.; desc. 163 ft. over NW. slope.								
78.62	Ravine, course NW.; asc. 18 ft. over SW. slope.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.								
	<table border="0"> <tr><td>T13S</td><td>R12E</td></tr> <tr><td>S 7</td><td>S 8</td></tr> <tr><td>S 18</td><td>S 17</td></tr> <tr><td colspan="2">1932</td></tr> </table>	T13S	R12E	S 7	S 8	S 18	S 17	1932	
T13S	R12E								
S 7	S 8								
S 18	S 17								
1932									
	from which								
	A palo verde, 8 ins. diam., bears N.34 $\frac{1}{2}$ °E., 118 lks. dist., mkd. T13S R12E S8 BT								
	A palo verde, 6 ins. diam., bears S.68 $\frac{1}{2}$ °E., 127 lks. dist., mkd. T13S R12E S17 BT								
	A palo verde, 4 ins. diam., bears S.29°W., 138 lks. dist., mkd. T13S R12E S18 BT								
	A palo verde, 4 ins. diam., bears N.28 $\frac{1}{2}$ °W., 174 lks. dist., mkd. T13S R12E S7 BT								
	Land, rolling. Soil, sandy 3rd rate; and rocky 4th rate. Timber, mesquite, ironwood, palo verde and saguaro. Undergrowth, catclaw, greasewood, ocotillo, cactus and yucca.								
	S.89°51'E., on a true line bet. secs. 8 and 17. Over broken hills, through scattered desert growth. Ascend 45 ft. over W. slope.								
2.10	Spur, slopes N. desc. 30 ft. over NE. slope.								
5.95	Ravine, course N.; asc. 125 ft. over NW. slope.								
12.90	Ridge, bears NE. and S.; desc. 220 ft. over SE. slope.								
26.25	Gulch, course NE.; asc. 120 ft. over NW. slope.								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock, with a granite stone, 12x12x10 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.								
	<table border="0"> <tr><td><math>\frac{1}{4}</math></td><td>S 8</td></tr> <tr><td></td><td>S 17</td></tr> <tr><td colspan="2">1932</td></tr> </table>	$\frac{1}{4}$	S 8		S 17	1932			
$\frac{1}{4}$	S 8								
	S 17								
1932									
	Along N. slope.								
40.50	Spur, slopes N.; desc. 195 ft. over NE. slope.								
54.80	Wash, 15 lks. wide, course NE.; asc. 95 ft. over NW. slope.								
59.85	Point of spur, sloping N.; desc. 110 ft. over NE. slope.								
68.00	Spur, slopes NE.; continue along SE. slope.								

Survey of a Portion of the Subdivisions of T.13 S., R.12 E.

Chains.

72.40

Wash, 30 lks. wide, course NE.; asc. 20 ft.

79.40

Intersect the W. bdy. of sec. 9.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 8 and 17. with brass cap mkd.

T13S R12E  
 C S 8 | S 9  
 C S 17 |  
 1932

from which

A palo verde, 5 ins. diam., bears S.83 $\frac{3}{4}$ °W., 91 lks. dist., mkd. T13S R12E S17 CC BT

A palo verde, 10 ins. diam., bears N.7 $\frac{1}{2}$ °W., 117 lks. dist., mkd. T13S R12E S8 CC BT

From point of intersection the cor. of secs. 9 and 16, hereinbefore described, bears S.0°01'W., 1.61 chs. dist.

Land, rolling and broken.  
 Soil, gravelly and rocky, 4th rate.  
 Timber, palo verde, mesquite and ironwood.  
 Undergrowth, greasewood, catclaw, cactus and yucca.

From the cor. of secs. 7, 8, 17 and 18.

West on a true line bet. secs. 7 and 18.

Over rolling land, through scattered desert growth.

Descend 25 ft. over SW. slope.

4.70 Ravine, course NW.; asc. 15 ft.

6.80 Spur, slopes N.; desc. .50 ft. over W. slope.

14.85 Ravine, course N.; asc. 25 ft.

22.00 Low flat spur, slopes N.

28.75 Enter dry wash, course N.30°W.

32.65 Leave wash, course NW.

33.05 Road, bears N. and S.

39.80 Road, bears NE. and SW.

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

$\frac{1}{4}$  S 7  
 S18  
 1932

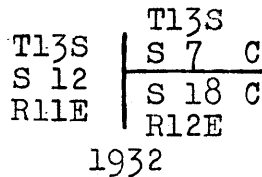
from which

An ironwood, 12 ins. diam., bears N.34 $\frac{1}{4}$ °E., 139 lks. dist., mkd.  $\frac{1}{4}$  S7 BT

A palo verde, 4 ins. diam., bears S.34 $\frac{1}{4}$ °E., 10 lks. dist., mkd.  $\frac{1}{4}$  S18 BT

Chains Descend 60 ft. over gradual N. slope.  
 47.70 Wash, 50 lks. wide, course NW.  
 55.70 Wash, 40 lks. wide, course N.20°W.  
 65.60 Wash, 15 lks. wide, course N.  
 70.25 Road, bears N. and S.  
 74.00 Wash, 20 lks. wide, 3 ft. deep, course N.  
 82.60 Gully, 6 ft. deep, course NW.  
 88.30 Intersect the W. bdy. of Tp.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap mkd.



from which

A palo verde, 10 ins. diam., bears N.39½°E., 75 lks. dist., mkd. T13S R12E S7 CC BT

An ironwood, 5 ins. diam., bears S.45½°E., 40 lks. dist., mkd. T13S R12E S18 CC BT

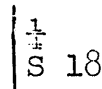
From point of intersection the cor. of secs. 12 and 13 on E. bdy. of T.13 S., R.11 E., bears S.0°01'E., 14.04 chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R.11 E., resurveyed under this group.

From the same point the ¼ sec. cor. on E. bdy. of sec. 12, T.13 S., R. 11 E. bears N.0°01'W., 26.14 chs. dist. an iron post, 1 in. diam., mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T.13 S., R. 11 E., resurveyed under this group.

Land, rolling.  
Soil, sandy and rocky; 3rd rate.  
Timber, palo verde, mesquite, and greasewood.  
Undergrowth, greasewood, catclaw and cactus.

At mid-point on the W. bdy. of sec. 18, N.0°02'W., 14.84 chs. dist., from the witness ¼ sec. cor. on the E. bdy. of sec. 13, T.13 S., R. 11 E.; an iron post, 1 in. diam. mkd. and witnessed as described in the field notes of the resurvey of the E. bdy. of T. 13 S., R. 11 E. , resurveyed under this group.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 18 only, with brass cap mkd.



1932

from which

Survey of a Portion of the Subdivisions of T.13 S., R. 12 E.

Chains.

An ironwood, 10 ins. diam., bears N.52°E., 40 lks. dist., mkd.  $\frac{1}{4}$  S18 BT.

An ironwood, 10 ins. diam., bears N.22°E., 88 lks. dist., mkd.  $\frac{1}{4}$  S18 BT

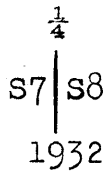
From the cor. of secs. 7,8,17 and 18.

North on sectional guide meridian, bet. secs. 7 and 8.

Over rolling land, through scattered desert growth.

Along W. slope.

- 2.50 Spur, slopes NW.; desc. 125 ft. over NE. slope.
- 11.10 Ravine, course NW.; asc. 15 ft.
- 16.30 Point of spur, slopes W.; desc. 70 ft. over NW. slope.
- 24.50 Ravine (same) course NE.; asc. 25 ft.
- 35.00 Spur, slopes NE.; desc. 55 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

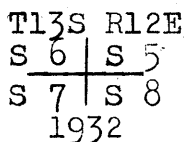


from which

A palo verde, 6 ins. diam., bears N.24 $\frac{1}{2}$ °E., 31 lks. dist., mkd.  $\frac{1}{4}$  S8 BT

An ironwood, 6 ins. diam., bears S.16 $\frac{1}{2}$ °W., 42 lks. dist., mkd.  $\frac{1}{4}$  S7 BT

- 40.20 Drain, course NW.; asc. 10 ft.
- 43.00 Descend 85 ft. over gentle, rolling NW. slope.
- 64.70 Wash, 30 lks. wide, 3 ft. deep, course NW.
- 64.75 Road, bears E. and W.
- 69.90 Road, bears NW. and SE.
- 78.80 Road to Picture Rock, bears E. and W.
- 79.50 Wash, 5 lks. wide, course N.30°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5,6,7 and 8, with brass cap mkd.



from which



Survey of a Portion of the Subdivisions of T.13 S., R. 12 E.

BOOK 3972

Chains.

A palo verde, 12 ins. diam., bears N.69°E., 142 lks. dist., mkd. T13S R12E S5 BT

A palo verde, 6 ins. diam., bears S.18¼°E., 91 lks. dist., mkd. T13S R12E S8 BT

An ironwood, 7 ins. diam., bears S.62¾°W., 162 lks. dist., mkd. T13S R12E S7 BT

A palo verde, 8 ins. diam., bears N.20½°W., 36 lks. dist., mkd. T13S R12E S6 BT

Land, gently rolling.  
Soil, gravelly and rocky; 3rd rate.  
Timber, palo verde, mesquite and ironwood.  
Undergrowth, greasewood, catclaw and cactus.

S.89°51'E., on a true line bet. secs. 5 and 8.

Over nearly level land, through scattered timber and desert growth.

3.30 Wash, 20 lks. wide, 1 ft. deep, course NW.

24.70 Wash, 10 lks. wide, course N.70°E.

33.50 Road to Picture Rock, bears SW. and NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼ S 5  
S 8  
1932

from which

A palo verde, 8 ins. diam., bears N. 2¼° E., 62 lks. dist., mkd. ¼ S5 BT

A palo verde, 8 ins. diam., bears S.46¾°W., 61 lks. dist., mkd. ¼ S8 BT

47.75 Wash, 30 lks. wide, course NE.

51.30 Low spur, slopes NE.

54.10 Wash, 30 lks. wide, 3 ft. deep, course NE.

59.50 Low spur, slopes NE.

66.60 Prospect shaft, 60 ft. deep. on line.

78.50 Road to Picture Rocks, bears NW. and SE.

79.22 Intersect the W. bdy. of sec. 9.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 5 and 8, with brass cap mkd.

T13S R12E  
C S 5 | S 9  
C S 8 |  
1932

from which

Chains.

A palo verde, 6 ins. diam., bears S.51 $\frac{3}{4}$ °W., 120 lks. dist., mkd. T13S R12E S8 CC BT

A palo verde, 8 ins. diam., bears N.22 $\frac{1}{2}$ °W., 49 lks. dist., mkd. T13S R12E S5 CC BT

From point of intersection the true point for cor. of secs. 4 and 9. (49 lks. S.0°11'E., of the reconstructed witness cor. of secs. 4 and 9, hereinbefore described) bears N.0°11'W., 77 lks. dist.

Land, gently rolling and broken.  
Soil, gravelly and rocky; 3rd rate.  
Timber, palo verde, and ironwood.  
Undergrowth, greasewood, catclaw and cactus.

From the cor. of secs. 5, 6, 7 and 8.

West on a true line bet. secs. 6 and 7.

Over nearly level land, through scattered timber and undergrowth.

- .30 Drain, course NW.
- 6.90 Road to Picture Rocks, bears NW. and SE.
- 8.40 Wash, 20 lks. wide, 2 ft. deep, course N.30°W.
- 14.60 Wash, 20 lks. wide, 1 ft. deep, course N.
- 21.50 Road, to Picture Rocks, bears SW. and NE.
- 35.20 Ravine, 8 ft. deep, course N.30°E.
- 39.60 Old road, bears N. and S.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.
 

$$\frac{1}{4} \frac{S 6}{S 7}$$

1932

from which

An ironwood, 5 ins. diam., bears N. 83° E., 118 lks. dist., mkd.  $\frac{1}{4}$  S6 BT

A palo verde, 5 ins. diam., bears S.32 $\frac{1}{4}$ °W., 28 lks. dist., mkd.  $\frac{1}{4}$  S7 BT
- 48.10 Wash, 20 lks. wide, course NW.
- 58.10 Wash, 20 lks. wide, 2 ft. deep, course N.20°E.
- 58.80 Road, bears NW. and SE.
- 65.35 Wash, 30 lks. wide, 1 ft. deep, course N.
- 77.10 Enter wash, course N.
- 78.90 Leave wash, course N.
- 87.96 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for witness closing cor. of secs. 6 and 7. with brass cap mkd.

Chains.

	T13S	
T13S	S 6	C
S 1	S 7	C WC
R11E	R12E	

1932

from which

An ironwood, 5 ins. diam., bears N.17 $\frac{1}{4}$ °E., 56 lks. dist., mkd. WC T13S R12E S6 CC BT

An ironwood, 6 ins. diam., bears S.69 $\frac{1}{2}$ °E., 155 lks. dist., mkd. WC T13S R12E S7 CC BT

88.26 Intersect W. bdy. of Tp. True point for closing cor. of secs. 6 and 7, falls in margin of wash, course NW.

From point of intersection the true point for cor. of secs. 1 and 12, T.13 S., R. 11 E., ( N.0°06'W., 20 lks. dist., from the reconstructed witness cor. of secs. 1 and 12,; an iron post, 2 ins. diam., mkd. and witnessed as described in the field notes of the E. bdy. of T.13 S., R.11 E., resurveyed under this group) bears S.0°06'W. 13.70 chs. dist.

From the same point the  $\frac{1}{4}$  sec. cor. on the E. bdy. of sec. 1, T.13 S., R. 11 E., bears N.0°06'W., 26.33 chs. dist.; an iron post, 1 in. diam., mkd. and witnessed as described in the field notes of the E. bdy. of T.13 S., R.11 E., resurveyed under this group.

Land, gently rolling and level.  
Soil, gravelly and rocky; 3rd rate.  
Timber, palo verde, ironwood and mesquite.  
Undergrowth, greasewood, catclaw and cactus.

At mid-point on the W. bdy. of sec. 7. N.0°03'W., 13.86 chs. dist., from the  $\frac{1}{4}$  sec. cor. on the E. bdy. of sec. 12, T.13 S., R. 11 E., an iron post, 1 in. diam., mkd. and witnessed as described in the field notes of the E. bdy. of T. 13 S., R. 11 E., resurveyed under this group.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 7 only, with brass cap mkd.

	$\frac{1}{4}$
	S 7
	1932

from which

A palo verde, 6 ins. diam., bears N.63°E., 24 lks. dist., mkd.  $\frac{1}{4}$  S7 BT

A palo verde, 6 ins. diam., bears S.67 $\frac{1}{2}$ °E., 141 lks. dist., mkd.  $\frac{1}{4}$  S7 BT

## Survey of a Portion of the Subdivisions of T.13 S., R. 12 E.

Chains. At 40.00 chs. N. in latitude from the true point for the closing cor. of secs. 6 and 7, N.  $0^{\circ}02'W.$ , 13.67 chs. dist., from the  $\frac{1}{4}$  sec. cor. on E. bdy. of sec. 1, T.13 S., R. 11 E.; an iron post, 1 in. diam., mkd. and witnessed as described in the field notes of the E. bdy. of T.13 S., R. 11 E., resurveyed under this group:

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap mkd.

$\frac{1}{4}$   
|  
S 6  
1932

from which

A palo verde, 15 ins. diam., bears N.  $88^{\circ}E.$ , 162 lks. dist., mkd.  $\frac{1}{4}$  S6 BT

A palo verde, 14 ins. diam., bears S.  $47^{\circ}E.$ , 86 lks. dist., mkd.  $\frac{1}{4}$  S6 BT

From the cor. of secs. 5, 6, 7 and 8.

North on sectional guide meridian, bet. secs. 5 and 6.

Over gently rolling land, through scattered timber and undergrowth.

6.40 Wash, 20 lks. wide, 2 ft. deep, course W.; asc. 100 ft. over gentle rolling SE. slope.

20.00 Continue ascending over SW. slope.

32.00 Spur, slopes W.; desc. 20 ft. over N. slope.

35.00 Ravine, 15 ft. deep, course NW.

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

$\frac{1}{4}$   
|  
S6 | S5  
1932

from which

A palo verde, 5 ins. diam., bears N.  $28\frac{1}{2}^{\circ}E.$ , 70 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

A palo verde, 6 ins. diam., bears S.  $39\frac{1}{2}^{\circ}W.$ , 38 lks. dist., mkd.  $\frac{1}{4}$  S6 BT

Ascend 530 ft. over broken SW. slope.

65.60 Top of bluff about 100 ft. high, bears NW. and SE.

66.00 Rocky ridge, bears NW. and SE.; desc. 135 ft. over NE. slope.

79.11 Intersect N. bdy. of Tp.

Chains.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap mkd.

T12SR12E  
S 32  
 S 6 | S 5  
 C | C  
 T13S R12E  
 1932

from which

A palo verde, 6 ins. diam., bears S.40 $\frac{1}{2}$ °E., 66 lks. dist., mkd. T13S R12E S5 CC BT

A palo verde, 5 ins. diam., bears S.61 $\frac{3}{4}$ °W., 151 lks. dist., mkd. T13S R12E S6 CC BT

From point of intersection the cor. of secs. 5, 6, 31 and 32, on S. bdy. of T.12 S., R.12 E.; an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the official record, bears West 1.59 chs. dist.

This cor. now refers to secs. 31 and 32 only; alter the marks on brass cap to

T12S R12E  
S 31 | S 32  
 S 6  
 T13S  
 1921

Land, rolling in the S $\frac{1}{2}$ , broken and mountainous in N $\frac{1}{2}$ . Soil, gravelly and rocky; 3rd and 4th rates. Timber, palo verde and ironwood. Undergrowth, greasewood, catclaw and cactus.

At a point on the N. bdy. of sec. 5, 40.00 chs. in E. departure from the closing cor. of secs. 5 and 6

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 5 only, with brass cap mkd.

$\frac{1}{4}$  S 5  
 1932

from which

A palo verde, 4 ins. diam., bears S. 67 $\frac{1}{2}$ ° E., 49 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

A palo verde, 5 ins. diam., bears S. 58°W., 46 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

From this point the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32; and iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record, bears West 1.59 chs. dist.

This cor. now refers to sec. 32 only, of T.12 S., R.12 E. Alter the marks on brass cap to

$\frac{1}{4}$  S 32  
 1921

Chains At a point on the N. bdy. of sec. 6, 40.00 chs. in W. departure from the closing cor. of secs. 5 and 6;

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap mkd.

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

1932

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

From this point the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record, bears West 1.59 chs. dist.

This cor. now refers to sec. 31 only, of T.12 S., R.12 E. Alter marks on brass cap to

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

1921

Retracement of the Boundaries of Patented Mineral Claims, Sur. No. 1709.

Beginning at Cor. No. 1 of the Iron Mountain Claim, which is a pine post 4 ins. sq., 3 ft. above the top of a mound of stone, 2 ft. base, 1 ft. high. mkd. 1709-2 on SW. face. The marks on this post do not agree with the record.

Thence S. 18° 13' E.

Along line 1-2 Iron Mountain Claim.

4.19 Intersect Cor. No. 3 Jumbo Claim, hereinafter described.

Thence S. 18° 21' E.

2.98 Intersect Cor. No. 2 Iron Mountain Claim, identical with cor. No. 1 Colorado Claim, a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709-1 on SW. face.

Thence S. 7° 43' W.

Along line 1-2 Colorado Claim.

10.39 Intersect Cor. No. 2 Colorado Claim, a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 2 ft. base 1 ft. high, mkd. 1709-2 on NW. face.

Thence N. 78° 33' W.

Along line 2-3 Colorado Claim.

17.17 Intersect line, Coper Bell Claim, at a point from which Cor. No. 4 bears N. 5° 13' E., 2.30 chs. dist.; an iron post, 1 in. diam., 18 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, with brass cap 4 ins. sq. top mkd. U S MINERAL SURVEY No. 3978, and CB on SW. edge.

Retracement of the Boundaries of Patented Mineral

Claims, Sur. No. 1709

BOOK 3972

Chains  
22.46

Cor.  
Intersect No. 3 Colorado Claim, which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709-111 on E. face.

Thence N.12°36'E.

Along line 3-4 Colorado Claim.

1.72

Intersect line 3-4. Coper Bell Claim, Min. Sur. No. 3978 at a point from which Cor. No. 3 identical with cor. No. 4 Columbia Claim. bears N.84°47'W., 4.06 chs. dist.; an iron post, 1 in. diam., 18 ins. above ground. with brass cap 4 ins. sq., top mkd. U S MINERAL SURVEY No. 3978, 3 CB on E. edge and 4 C on W. edge.

4.28

Intersect W. end center of Colorado Claim, which is a pine post, ( unmarked ) 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high.

Thence N.13°35'E.

Along line 3-4 Colorado Claim.

5.14

Intersect Cor. No. 4 Colorado Claim, identical with Cor. No. 3 Iron Mountain Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 2 ft. base, 1 ft. high. mkd. 1709 on NE. face.

Thence N.17°29'W.

Along line 3-4 Iron Mountain Claim.

4.51

Intersect W. end center of Iron Mountain Claim., which is a pine post, (unmarked) 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high.

Thence N.17°53'W.

Along line 3-4 Iron Mountain Claim.

4.24

Intersect Cor. No. 4 Iron Mountain Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high. mkd. 1709 on N. face, and 111 on E. face. The marks on this post do not agree with the record.

Thence S.77°14'E.

Along line 1-4 Iron Mountain Claim.

22.16

Intersect Cor. No. 1 the place of beginning.

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From Cor. No. 1 Jumbo Claim, identical with Cor. No. 1 Iron Chief Claim., which is a pine post, 4 ins. sq., 3 ft., above the top of a mound of stone 3 ft. base, 1 ft. high, mkd. 1709 on N. face, and 1 on E. face.

Thence N.18°09'W.

Along line 1-2 Iron Chief Claim.

8.22

Intersect Cor. No. 2 Iron Chief Claim, identical with Cor. No. 4 Jumbo Claim., which is a pine post, (unmarked) 4 ins. sq., 3 ft. above the top of a mound of stone, 2 ft. base, 1 ft. high.

Retracement of the Boundaries of Patented Mineral  
Claims Sur. No. 1709

Chains	
	Thence N.70°39'E.
	Along line 2-3 Iron Chief Claim.
22.20	Intersect Cor. No. 3 Iron Chief Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709- 111 on W. face.
	Thence S.16°32'E.
	Along line 3-4 Iron Chief Claim.
4.35	Intersect E. end center of Iron Chief Claim.. which is a pine post (unmarked) 4 ins. sq., 3 ft. above the top of a mound of stone 3 ft. base, 2 ft. high.
	Thence S.17°35'E.
	Along line 3-4 Iron Chief Claim.
4.37	Intersect Cor. No.4 Iron Chief Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709-11 on W. face. The marks on this post do not agree with the record.
	Thence S.71°54'W.
	Along line 1-4 Iron Chief Claim.
22.00	Intersect Cor. No. 1 the place of beginning.
	-----
	From Cor. No. 1 Jumbo Claim.
	Thence S.46°24'W.
	Along line 1-2 Jumbo Claim.
8.24	Intersect the line bet. secs. 29 and 30 at a point from which the $\frac{1}{4}$ sec. cor. hereinbefore described, bears North, 5.52 chs. dist.
10.43	Intersect Cor. No. 1 Apex Claim, hereinafter described.
	Thence S.46°35'W.
	Along line 1-2 Jumbo Claim.
4.75	Intersect NW. end center of Apex Claim, hereinafter described.
	Thence S.49°31'W.
	Along line 1-2 Jumbo Claim.
4.00	Intersect Cor. No. 4 Apex Claim, hereinafter described.
	Thence S.58°49'W.
	Along line 1-2 Jumbo Claim.
2.42	Intersect Cor. No. 2 Jumbo Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709 on W. face, and 11 on E. face.



Retracement of the Boundaries of Patented Mineral

Claims Sur. No.1709.

BOOK 3972

Chains.	Thence N.18°34'W.
	Along line 2-3 Jumbo Claim.
4.44	Intersect Cor. Nos. 1-2 Iron Mountain and Colorado Claims, hereinbefore described.
	Thence N.18°21'W.
	Along line 2-3 Jumbo Claim.
2.98	Intersect Cor. No.3 Jumbo Claim., which is a pine post, 4 ins. sq., 3 ft. above the yop of a mound of stone, 2 ft. base, 1 ft. high, mkd. 1709-111 on E. face.
	Thence N.46°33'E.
	Along line 3-4 Jumbo Claim.
17.20	Intersect the line bet. secs. 29 and 30 at a point from which the 1/4 sec. cor. hereinbefore described, bears South, 4.72 chs. dist.
21.90	Intersect Cor. No.4 Jumbo Claim, identical with Cor. No.2 Iron Chief Claim, hereinbefore described.
	Thence S.18°09'E.
	Along line 4-1 Jumbo Claim.
8.22	Intersect Cor. No. 1 the place of beginning.
	-----
	From Cor. No. 1 Apex Claim.. which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 2 ft. base, 1 ft. high, mkd. 1709 on W. face. and 1 on E. face.
	Thence S.52°28'E.
	Along line 1-2 Apex Claim.
2.00	Intersect the line bet. secs. 29 and 30, at a point from which the 1/4 sec. cor. hereinbefore described, bears North, 8.25 chs. dist.
22.45	Intersect Cor. No.2 Apex Claim, which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709 -1V on W. face. The marks on this post do not agree with the record.
	Thence S.51°52'W.
	Along line 2-3 Apex Claim.
4.58	Intersect E. end center of Apex Claim, which is a pine post ( unmarked ) 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high.
	Thence S.52°38'W.
	Along line 2-3 Apex Claim.
4.44	Intersect Cor. No. 3 Apex Claim, which is a mound of stone, 3 ft. base, 2 ft. high.

## Retracement of the Boundaries of Patented Mineral

Claims Sur. No.1709.

Chains.

Thence N.52°11'W.

Along line 3-4 Apex Claim.

11.50 Intersect the line bet. secs. 29 and 30 at a point from which the cor. of secs. 29 and 30, bears South, 20.39 chs. dist.

21.73 Intersect Cor. No. 4 Apex Claim., which is a pine post, 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high, mkd. 1709 on W. face, 11 on E. face. The marks on this post do not agree with the record.

Thence N.49°31'E.

Along line 1-4 Apex Claim.

4.00 Intersect the NW. end center of Apex Claim., which is a pine post ( unmarked) 4 ins. sq., 3 ft. above the top of a mound of stone, 3 ft. base, 2 ft. high.

Thence N.46°35'E

Along line 1-4 Apex Claim.

4.75 Intersect No.1 the place of beginning.

## FINAL TEST OF SOLAR ATTACHMENT.

Mar. 15, 1932. In camp near the cor. of secs. 26, 27, 34 and 35, T. 13 S., R. 11 E., at 8h 00m a.m. app. t., set off 32°16'N. on the lat arc. 2°01½'S. on the decl. arc. and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 4h 00m p.m. app. t., with the latitude arc unchanged and a setting of 1°53½'S. on the decl arc. repeat the test of the solar; the line of sight agrees with the true meridian.

March 15, 1932.

## GENERAL DESCRIPTION.

The west portion of T. 13 S., R. 12 E., lies along the north slopes of the Tucson Mountains. The general elevation of the township is about 3,000 ft. above sea level. The land is sandy and gravelly, covered with desert growth. The timber consists of ironwood, and palo verde. The undergrowth is greasewood, catclaw and cacti, scattered saguaro is found through this portion of the township.

The Mile Wide Mine is located in the north portion of sec. 31, which consists of shafts, houses, mill and crusher. Several prospect holes are found throughout the township. The mineral is lead and silver. The land is to be used for recreational purposes.

177  
41

BOOK 3972

4-680  
(August, 1926)

**FIELD ASSISTANTS.**

NAMES.	CAPACITY.
John B. Mc Clung	1st. chainman.
Cal Davis	2nd. chainman.
J.P. Hester	Flagman.
Ivan Dial	Moundsman.
Cecil Emmons	Axeman.

BOOK 3972

CERTIFICATE OF UNITED STATES SURVEYOR

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 1st. day of December, 1931, 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 these parts or portions of~~ and resurveyed a portion of the subdivisional lines, completing the survey of Township 13 South, Range 12 East, and retraced boundaries of patented mineral claims in said township,

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 resurvey and retracement 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 resurvey and retracement,

William E. Hiester
Glendale, California. U. S. Surveyor.
March 30, 1933

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, September 16, 1933.

The foregoing field notes of the survey and resurvey of a portion of the subdivisional lines, completing the survey of Township 13 South, Range 12 East, and the retracement of boundaries of patented mineral claims in said township, of the Gila and Salt River Meridian, in the State of Arizona,

executed by William E. Hiester, U.S. Surveyor, under his special instructions dated December 1, 1931, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys resurveys and retracements they describe, are hereby approved.

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.