

Original

4-879  
(April 1933)

BOOK 3995

Book A.

# FIELD NOTES

of the

resurvey of the Third Standard Parallel South, along the South bound-  
 ary of Township 15 South, Range 18 East; resurvey of a portion of the  
 East boundary; resurvey and survey of a portion of the West boundary, and  
 of a portion of the subdivisional lines, completing the subdivision  
 of Township 16 South, Range 18 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

Charles E. Hunter, U.S. Transitman,

Under special instructions dated October 8, 1932, which provided  
 for the surveys included under Group No. 179, bearing the approval of the  
 Commissioner of the General Land Office under date of November 4, 1932  
 and assignment instructions dated November 16, 1932.

Survey commenced November 28, 1932.

Survey completed December 29, 1932.

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BOOK 3995

# INDEX DIAGRAM.

Township *16 South*, Range *18 East*

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The resurvey<sup>and survey</sup> was executed with a Young & Sons Transit No. 8584, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of 4<sup>3</sup>/<sub>8</sub> ins. with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 5 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132 with focal constant of 1.2 lks. The instrument is equipped with the Smith solar attachment; radius of latitude arc 3<sup>1</sup>/<sub>4</sub> ins. and of the declination arc 3<sup>7</sup>/<sub>8</sub> 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 November 16, 1932. I examine all the instrumental adjustments before making the field tests hereinafter recorded.

The direction 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 the balance at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard steel tape 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.

The data furnished with the special instructions gives the geographic position for the SE. cor. of T. 16 S., R. 18 E., as follows: latitude 31°59'28"N. and longitude 110°27'48" W.

November 26, 1932: In camp near the cor. of secs. 14, 15, 22 and 23, T. 16 S., R. 18 E., at 5h 26m 00s p.m. l.m.t. or 5h 48m 00s p.m. by my watch which reads correct 105th meridian time as determined by Western Union Clock time. I make an hour angle observation on Polaris east of the meridian, making four observations two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground 10 chs. N.

November 27: I lay off the azimuth of Polaris 1°03'22" to the west and mark the meridian thus determined by a tack in a peg driven firmly in the ground 10 chs. N.

In order to verify the latitude of this station and the reading of my watch, I make a meridian observation on the sun, first setting on the lower limb and noting the transit of the west limb, then, after reversal of the instrument, setting on the upper limb and noting the transit of the east limb as follows:

Mean observed altitude	36°44'56"
Reduced latitude	32°02'46"
Mean watch time of observation	12h09m55s ✓
Watch fast of l.m.t.	22m13s
Same by reference to Western Union Clock	
time and calculated difference in longitude	22m00s

Every 30 min. 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 the 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 the 3rd Standard Parallel South

T. 15 S., R. 18 E

Chains. The west 2½ miles of the Third Standard Parallel South along the S. bdy. of T. 15 S., R. 18 E., was surveyed in 1873 by T. F. White, U. S. Deputy Surveyor. The east half mile along the S. bdy. of sec. 36, was surveyed in 1881 by L. D. Chilson, U. S. Deputy Surveyor. <sup>5077</sup>  
The remaining portion along the S. bdy. of this township was surveyed in 1884 by J. B. Mc Laughlin U. S. Deputy Surveyor, who also at the same time resurveyed the Third Standard Parallel South through R. 18 E.

From the standard cor. of Tps. 15 S., Rs. 18 and 19 E. N.89°42'W., on a random line along S. bdy. of sec. 36.

33.24 A point 116 lks. N. of the original standard ¼ sec. cor. of sec. 36.

I return to the standard cor. of Tps. 15 S., Rs. 18 and 19 E., which is an iron post, 3 ins. diam., 18 ins. above ground, firmly set in a mound of stone, marked and witnessed as described in the official record.

Thence

✓ S.88°18'W., on a true line along S. bdy. of sec. 36.

Over rolling land, through scattered desert growth.

Descend 20 ft. over SW. slope.

2.80 Center of wash, 30 lks. wide, course S.; asc. 52 ft. over E. slope.

8.70 Top of small spur, slopes SE.; desc. 50 ft. over SW. slope.

20.00 Center of wash, 100 lks. wide, course S.

20.60 Telephone line, bears N. and S.

21.70 Road, bears N. and S.

24.10 Wash, 10 lks. wide, course SE.; asc. 24 ft. over E. slope.

27.00 Small spur, slopes N.; desc. 20 ft. over NW. slope.

28.40 Same wash, 10 lks. wide, course NE.; asc. 72 ft. over rocky E. slope.

33.25 ✓ The original standard ¼ sec. cor. of sec. 36, which is a granite stone, 8x3x12 ins. above ground, marked SC on S. face, firmly set, and witnessed by a mound of stone N.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with the original stone deposited alongside, and in a mound of stone to top, for standard ¼ sec. cor. with brass cap mkd.

S C

¼ S 36

1932

from which

T. 15 S., R. 18 E.

ECCO 8005

Chains.

A black oak, 9 ins. diam., bears N.  $71\frac{1}{2}^{\circ}$  E., 165 lks. dist., mkd.  $\frac{1}{4}$  S36 SC BT

A black oak, 14 ins. diam., bears N.  $39^{\circ}$  W., 121 lks. dist., mkd.  $\frac{1}{4}$  S36 SC BT

Thence

West on a true line along S. bdy. of sec. 36.

Over rolling and mountainous land, through scattered timber and undergrowth.

Ascend 44 ft. over E. slope.

.75 Top of spur slopes E.; continue along S. slope.

5.75 Ascend 41 ft. over SE. slope.

16.35 Small spur, slopes S.; desc. 30 ft. over SW. slope.

18.75 Small wash, course SE.; asc. 76 ft. over E. slope.

26.35 Spur, slopes SE.; desc. 36 ft. along S. slope.

36.95 Ravine, course SE.; asc. 182 ft. over E. slope.

40.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap mkd.

SC  
T 15 S R 18 E  
S 35 | S 36

1932

raise a mound  
of stone, 4 ft. base, 2 ft. high, N. of cor.

Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, oak and mesquite.

Undergrowth, cactus, catclaw, mesquite and spanish dagger.

West on a true line along S. bdy. of sec. 35.

Over mountainous land, through scattered timber and undergrowth.

.46 The original standard cor. of secs. 35 and 36, subject to rectification, bears South 20 lks. dist. Said cor. is a granite stone 10x3x16 ins. above ground, marked and witnessed as described in the official record.

I destroy all evidence of this corner.

Ascend 88 ft. over E. slope.

4.20 Spur, slopes S.; desc. 25 ft. over W. slope.

8.50 Ravine, course S.; asc. 140 ft. over SE. slope.

15.80 Spur, slopes S.  $20^{\circ}$  E.; desc. 55 ft. over SW. slope.23.10 Ravine, course S.  $30^{\circ}$  E.; asc. 357 ft. over SE. slope.

## Resurvey of the 3rd Standard Parallel South

T. 15 S., R. 18 E.

Chains.

38.90

Ridge, bears N. and S.; desc. 23 ft. over SW. slope.

40.00

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

SC  
 $\frac{1}{4}$  S 35

1932

from which

A white oak, - ins. diam., bears N. 47° E., 141 lks. dist., mkd.  $\frac{1}{4}$  S35 SC BT

A white oak, 9 ins. diam., bears N. 29° W., 73 lks. dist., mkd.  $\frac{1}{4}$  S35 SC BT

No trace of the original standard  $\frac{1}{4}$  sec. cor. of sec. 35.

Descend 311 ft. over steep SW. slope.

50.20

Dim trail, bears N. and S.

50.70

Bottom of Canyon (dry) 40 lks. wide, course S.; asc. 364 ft. over E. slope.

67.32

Spur, slopes S. 20° E.; desc. 191 ft. over SW. slope.

78.60

Gulch, course SE.; asc. 40 ft. over E. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock with a cross X, mkd. at the base, and in a mound of stone to top, for standard cor. of secs. 34 and 35, with brass cap mkd.

SC  
 T 15 S R 18 E  
 S 34 | S 35

1932

from which

A black oak, 14 ins. diam., bears N. 15° E., 146 lks. dist., mkd. T15S R18E S35 SC BT

A black oak, 14 ins. diam., bears N. 10 $\frac{1}{2}$ ° W., 76 lks. dist., mkd. T15S R18E S34 SC BT

The original standard cor. of secs. 34 and 35, subject to rectification, bears N. 25° 15' E., 105 lks. dist. Said cor. is a granite boulder in place, 12x10x10 ft. above ground, mkd. and witnessed as described in the official record.

I destroy all evidence of this corner.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattered oak.

Undergrowth, catclaw, cactus and mesquite.

Chains. West on a true line along S. bdy. of sec. 34.  
 Over mountainous land, through scattered timber and undergrowth.  
 Ascend 411 ft. over steep E. slope.

6.10 Spur, slopes SE.; desc. 100 ft. over SW. slope.

35.78 Rocky gulch, course SE.; asc. 417 ft. over steep E. slope.

38.66 The original standard  $\frac{1}{4}$  sec. cor. of sec. 34, subject to rectification, bears North 71 lks. dist. Said cor. is a granite stone, 6x8x14 ins. above ground, marked and witnessed as described in the official record.  
 I destroy all evidence of this corner.

40.00 Set an iron post, 3 ft. long, 1 ins. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for standard  $\frac{1}{4}$  sec. cor. with brass cap mkd.

SC  
 $\frac{1}{4}$  S 34  
 1932

from which

A black oak, 9 ins. diam., bears N. 11 $\frac{1}{4}$ ° E., 246 lks. dist., mkd.  $\frac{1}{4}$  S34 SC BT

A juniper, 6 ins. diam., bears N. 67° W., 132 lks. dist., mkd.  $\frac{1}{4}$  S34 SC BT

Ascend 545 ft. over steep E. slope.

54.90 Slope changes.; asc. 695 ft. over NE. slope.

77.00 Small draw, course NE.; continue ascending.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for standard cor. of secs. 33 and 34, with brass cap mkd.

SC  
 T 15 S | R 18 E  
 S 33 | S 34  
 1932

from which

A pinyon, 6 ins. diam., bears N. 24 $\frac{1}{2}$ ° E., 97 lks. dist., mkd. T15S R18E S34 SC BT

A juniper, 10 ins. diam., bears N. 63 $\frac{3}{4}$ ° W., 14 lks. dist., mkd. T15S R18E S33 SC BT

No trace of the original standard cor. of secs. 33 and 34.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, oak and juniper.  
 Undergrowth, manzanita, bear grass. cactus. mesquite and amolle.

Chains.	West on a true line along S. bdy. of sec. 33.
	Over mountainous land, through scattered timber and dense undergrowth.
	Ascend 228 ft. over steep SE. slope.
6.20	Thence across top of peak on ridge, bears N. and S.
9.80	Descend 391 ft. on top of spur sloping W.
26.80	Rocky gulch, course S.; asc. 39 ft. over SE. slope.
29.60	Point of spur, slopes S.; desc. 21 ft. over SW. slope.
31.30	Draw, course SE.; asc. 74 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd.
	SC <u><math>\frac{1}{4}</math> S 33</u>
	1932
	from which
	A pinyon, 6 ins. diam., bears N. 57° E., 114 lks. dist., mkd. $\frac{1}{4}$ S33 SC BT
	A juniper, 5 ins. diam., bears N. 54° W., 76 lks. dist., mkd. $\frac{1}{4}$ S33 SC BT
	No trace of the original standard $\frac{1}{4}$ sec. cor. of sec. 33.
	Ascend 4 ft. over SE. slope.
41.00	Ridge, bears N. 20° E. and S. 20° W.; leave timber.; desc. 382 ft. over W. slope through dense undergrowth.
43.50	Enter scattering timber, bears N. and S.
59.40	Gulch, 30 lks. wide, course S. 30° W.; asc. 69 ft. over SE. slope.
68.00	Spur, slopes SW.; desc. 218 ft. over NW. slope.
77.70	Ravine, course SW.; asc. 29 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for standard cor. of secs. 32 and 33, with brass cap mkd.
	SC T 15 S   R 18 E S <u>32</u>   S 33
	1932
	from which
	A white oak, 6 ins. diam., bears N. 28 $\frac{1}{2}$ ° E., 79 lks. dist., mkd. T15S R18E S33 SC BT
	A juniper, 10 ins. diam., bears N. 59 $\frac{3}{4}$ ° W., 85 lks. dist., mkd. T15S R18E S32 SC BT
	No trace of the original standard cor. of secs. 32 and 33.



Chains.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, pinyon and juniper.  
Undergrowth, manzanita, scrub oak, chaparral and amolle.

West on a true line along S. bdy. of sec. 32.

Over mountainous land through scattered timber and dense undergrowth.

Ascend 27 ft. over SE. slope.

3.90 Spur, slopes SW.; desc. 547 ft. over NW. slope.

20.70 Bottom of Canyon (dry) course SW.; asc. 139 ft. over SE. 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 standard  $\frac{1}{4}$  sec. cor. with brass cap mkd.

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

1932

from which

A black oak, 7 ins. diam., bears N. 58° E., 54 lks. dist., mkd.  $\frac{1}{4}$  S32 SC BT

A black oak, 6 ins. diam., bears N. 65° W., 111 lks. dist., mkd.  $\frac{1}{4}$  S32 SC BT

No trace of the original standard  $\frac{1}{4}$  sec. cor. of sec. 32.

Ascend 307 ft. over SE. slope.

44.00 Small ravine, course SE.; continue ascending.

63.00 High spur, slopes SW.; desc. 239 ft. over SW. slope.

76.30 Small ravine, course SW.; continue descending.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, mark a cross X, at base of post, and in a mound of stone to top, for standard cor. of secs. 31 and 32, with brass cap mkd.

S C  
T 15 S | R 18 E  
S 31 | S 32

1932

from which

A black oak, 16 ins. diam., bears N. 48 $\frac{1}{4}$ ° E., 157 lks. dist., mkd. T15S R18E S32 SC BT

A black oak, 18 ins. diam., bears N. 57° W., 90 lks. dist., mkd. T15S R18E S31 SC BT

No trace of the original standard cor. of secs. 31 and 32.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, pinyon and juniper.  
Undergrowth, manzanita, catclaw and cactus.

Chains.	West on a true line along S. bdy. of sec. 31.
	Over mountainous land, through scattered timber and dense undergrowth.
	Along S. slope.
2.80	Spur, slopes SW.; desc. 364 ft. over W. slope.
21.20	Gulch, course SW.; asc. 15 ft. over SE. slope.
31.00	Point of spur, slopes S.; desc. 138 ft. over SW. slope.
40.00	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 standard $\frac{1}{4}$ sec. cor. with brass cap mkd.
	S C <u><math>\frac{1}{4}</math> S 31</u> 1932
	from which
	A white oak, 10 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ E., 139 lks. dist., mkd. $\frac{1}{4}$ S31 SC BT
	A white oak, 7 ins. diam., bears N. $50\frac{1}{2}^{\circ}$ W., 110 lks. dist., mkd. $\frac{1}{4}$ S31 SC BT
	No trace of the original standard $\frac{1}{4}$ sec. cor. of sec. 31.
	Descend 41 ft. over W. slope.
42.00	Gulch, course S.; asc. 178 ft. over E. slope.
54.80	Ridge, bears NE. and SW.; desc. 90 ft. over NW. slope.
62.70	Draw, course S. $20^{\circ}$ W.; asc. 29 ft. over SE. slope.
70.90	Spur, slopes S. $30^{\circ}$ W.; desc. 148 ft. over SW. slope.
80.00	Gulch, 30 lks. wide, course S. $30^{\circ}$ E.; asc. 225 ft. over steep E. slope. No trace of the original standard cor. of Tps. 15 S., Rs. 17 and 18 E.
87.90	Spur, slopes S. $10^{\circ}$ E.; continue along S. slope.
91.14	At this point which is 25.08 chs. North of the standard SE. cor. of T. 15 S., R. 17 E., described in the field notes of the resurvey of the 3rd standard parallel south through R. 17 E. (This group)
	Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for standard cor. of Ts. 15 and 16 S., R. 18 E., with brass cap marked
	S C T 15 S R 18 E S 31 S 36 1932
	from which
	A white oak, 10 ins. diam., bears S. $89\frac{1}{2}^{\circ}$ W., 81 lks. dist., mkd. BT only.
	Land, mountainous.
	Soil, rocky: 4th rate.
	Timber, oak, pinyon and juniper.

Resurvey of the 3rd. Standard Parallel S.

T. 15 S., R. 18 E.

BOOK 3995

Chains

Undergrowth, manzanita, catchlaw, and cactus.

Resurvey of a Portion of the West Boundary  
of T. 16 S., R. 18 E.

The south 5 miles of W. bdy. of T. 16 S., R. 18 E., was surveyed in 1873 by T. F. White, U. S. Deputy Surveyor.

The cor. of secs. 7, 12, 13, and 18 was reconstructed in original position with a brass capped iron post by J. F. Hesse, U. S. Surveyor in connection with his survey and resurvey of part of the subdivision lines of T. 16 S., R. 18 E., in 1916.

From the cor. of secs. 7, 12, 13, and 18 on W. bdy. of Tp. North, on a random line bet. secs. 7 and 12.

39.81 A point 6 lks. E. of the true point for  $\frac{1}{4}$  sec. cor. as determined from the original bearing trees.

Thence from true point for cor.

North, on a random line bet. secs. 7 and 12.

39.55 A point 22 lks. W. of the original cor. of secs. 1, 6, 7, and 12.

I return to the cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

N. 0° 05' W., on a true line bet. secs. 7 and 12.

Over rolling land, through scattered timber and desert growth. Asc. 150 ft. over gradual SE. slope, along fence.

.95 Another fence runs E. 3 chs. dist. then N.

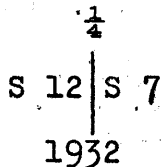
15.60 Road, bears SE. and NW.

29.20 Fence, bears E. and W.

34.00 Harrington's Ranch, bears E. about 8 chs. dist.

39.81 The true point for  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, determined from the original bearing trees.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, with a granite stone, 6x4x4 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap marked



from which

The original bearing trees:

A mesquite, 8 ins. diam., bears S. 36 $\frac{1}{4}$ ° W., 57 lks. dist., marked  $\frac{1}{4}$  S

A mesquite stump, 10 ins. diam., bears S. 24° E., 37 lks. dist., no marks visible.

This cor. is set at the cor. of fences bearing E. and S.

Thence

Resurvey of a Portion of the West Boundary  
of T.16 S., R.18 E.

Chains N.0°19'E., on a true line bet. secs. 7 and 12.  
Over rolling land, through scattered timber and desert  
growth. Asc. 72 ft. over gradual SE. slope.

17.00 Low spur, slopes SW.; desc. 10 ft. over NW. slope.

21.80 Small wash, course SW.; asc. 119 ft. over S. slope.

29.10 Spur, slopes S.70°W.; continue ascent 68 ft. over SW.  
slope.

36.40 Top of ascent; desc. 38 ft. over NW. slope.

39.55 The original cor. of secs. 1, 6, 7, and 12, which is the  
remains of an oak post, marks illegible, set in a  
scattered mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the  
ground to bed rock, with a granite stone, 10x10x8 ins.  
mkd. X, deposited at the base, and in a mound of stone  
to top, for cor. of secs. 1, 6, 7, and 12, with brass  
cap marked

T 16 S	
R 17 E	R 18 E
S 1	S 6.
S 12	S 7
1932	

Land, rolling.  
Soil, rocky, 4th. rate.  
Timber, mesquite.  
Undergrowth, cactus, catclaw, and ocotillo.

Survey of a Portion of the West Boundary  
of T. 16 S., R. 18 E.

-----  
From the cor. of secs. 1, 6, 7, and 12.

North, on a true line bet. secs. 1 and 6.

Over mountainous land, through scattered timber and  
desert growth. Desc. NW. slope 45 ft.

3.00 Rocky ravine, course SW.; asc. 140 ft. over S. slope.

7.50 Spur, slopes S.70°W.; desc. 165 ft. over NW. slope.

20.20 Bottom of canyon, 50 lks. wide, course SW.; asc. 447 ft.  
over steep SE. slope.

37.91 At this point, based upon a theoretical E. bdy. of sec.  
1 of R.17 E., of 69.30 chs. (40.00 chs. S.  $\frac{1}{2}$ ),

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground for  $\frac{1}{4}$  sec. cor. of sec. 1 only, of R.17 E.,  
with brass cap marked

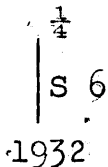
$\frac{1}{4}$
S 1
1932

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

Chains.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a granite stone, 12x12x12 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap mkd.



Ascend 404 ft. over SE. slope.

60.70

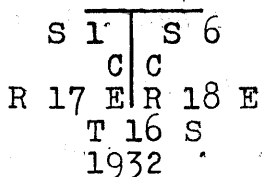
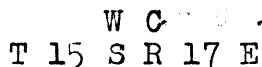
Ridge, bears E. and SW.; desc. 99 ft. over NW. slope.

62.75

Fence, bears NE. and SW.

65.28

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness closing cor. of secs. 1 and 6, Tps. 16 S., Rs. 17 and 18 E., with brass cap mkd.



from which

A white oak, 9 ins. diam., bears S.  $11\frac{1}{2}^\circ$  E., 49 lks. dist., mkd. WC T16S R18E S6 CC BT

A juniper, 14 ins. diam., bears N.  $81\frac{1}{2}^\circ$  W., 93 lks. dist., mkd. WC T16S R17E S1 CC BT

65.68

Intersect the Third Standard Parallel South, S. bdy. sec. 36, T. 15 S., R. 17 E.

True point for closing cor. of secs. 1 and 6, Tps. 16 S., Rs. 17 and 18 E., falls in gulch 200 lks. wide, course W.

From point of intersection the standard SE. cor. of T. 15 S., R. 17 E., described in the field notes of the resurvey of a portion of the Third Standard Parallel South, through R. 17 E., resurveyed under this group, bears East, 2.91 chs. dist.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, juniper, piñon and oak.  
Undergrowth, mesquite, catclaw and cactus.

From the standard SE. cor. of T. 15 S., R. 17 E.

North on a true line along W. bdy. of sec. 6.

Over mountainous land, through scattered timber and desert growth.

Ascend 42 ft. over SW. slope.

Chains.	
3.80	Point of spur, slopes SW.; desc. 10 ft. over NW. slope.
6.10	Small draw, course SW.; asc. 416 ft. over S. slope.
8.70	Fence, bears N.70°E., and S.70°W.
25.08	The standard SW. cor. of T. 15 S., R.18 E., hereinbefore described.
	Land, mountainous. Soil, rocky; 4th rate. Timber, oak, pinyon and juniper. Undergrowth, manzanita, catclaw, cactus and mesquite.
<p>Resurvey of a Portion of the East Boundary of T. 16 S., R. 18 E.</p> <p>-----</p> <p>The east boundary of T. 16 S., R. 18 E., was originally surveyed in 1873 by T. F. White, U.S. Deputy Surveyor. In 1905 J. F. Hesse, U.S. Deputy Surveyor, resurveyed the entire Tp. bdy.</p>	
	From the cor. of secs. 1 and 12 on E. bdy. of Tp.
	North on a random line along E. bdy. of sec. 1.
38.47	A point 8 lks. W. of the original $\frac{1}{4}$ sec. cor. of sec.1. Thence from cor.
	North on a random line along E. bdy. of sec. 1.
47.96	Intersect the Third Standard Parallel South at the closing cor. of secs. 1 and 6, Tps. 16 S., Rs. 18 and 19 E.
	I return to the cor. of secs. 1 and 12 on E. bdy. of T. 16 S., R. 18 E., which is a granite stone, 6x6x12 ins. above ground, firmly set, marked and witnessed as described in the official record.
	This cor. being in good state of preservation was not renewed.
	Thence
	N.0°07'E., on a true line along E. bdy. of sec. 1.
	Over rolling and mountainous land, through scattered timber and desert growth.
	Ascend 25 ft. over SE. slope.
2.30	Spur, slopes E.; desc. 740 ft. over NE. slope.
6.56	A point 13 lks. W. of the original closing cor. of secs. 6 and 7, T.16 S., R.19 E., which is a granite stone, 6x4x6 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
17.10	Fence, bears NW. and SE.
35.48	Rocky ravine, course NE.; desc. 15 ft. along E. slope.
38.47	The original $\frac{1}{4}$ sec. cor. of sec. 1, which is a granite

Chains.	stone, 7x4x8 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	This cor. being in good state of preservation was not renewed.
	Thence
	North on a true line along E. bdy. of sec. 1.
	Over rolling land, through scattered timber and desert growth.
	Descend 10 ft. along E. slope.
.50	Ravine, course E.; leave scattered timber, bears E. and W.
	Ascend 39 ft. over SE. slope.
6.90	Spur, slopes E.; desc. 65 ft. over SW. slope.
	From this point A.B. Cary's Ranch House, bears N.81 <sup>1</sup> / <sub>2</sub> °E.
11.40	Fence, bears NW. and SE.
12.50	Wash, course SE.; asc. 20 ft. over S. slope.
14.50	Top of low rolling spur, slopes E.; desc. 43 ft. over gradual NW. slope.
18.90	Fence, bears NE. and SW.
21.30	Center of sand wash, 40 lks. wide, course SE.; asc. 35 ft.
27.00	Small spur, slopes SE.; desc. 34 ft. over NE. slope.
31.20	Enter wash, course SE.
32.20	Road, bears NW. and SE.
34.40	Leave wash, course SE.; asc. 42 ft. over gradual S. slope.
45.30	Spur, slopes SE.; continue along E. slope.
47.96	Intersect the Third Standard Parallel South at the closing cor. of secs. 1 and 6, Tps. 16 S., Rs. 18 and 19 E., which is a granite stone, 10x8x6 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	This cor. being in good state of preservation was not renewed.
	From this point the standard cor. of secs. 31 and 36, Tps. 15 S., Rs. 18 and 19 E., hereinbefore described, bears N.88 <sup>1</sup> / <sub>2</sub> °18'E., 7.66 chs. dist.
	From the same point A.B. Cary's Ranch House, bears S. 9°00'E.
	Land, rolling.
	Soil, rocky; 4th rate.
	Timber, oak.
	Undergrowth, mesquite, catclaw, ocotilla and cactus.

- Chains. The subdivision lines of the south half, and secs. 1, 11, 12, 13, 14 and 18 of T. 16 S., R. 18 E., were surveyed by T. F. White, U.S. Deputy Surveyor, in 1874.  
The subdivision lines bounding sec. 17 on the E. and N. were surveyed in 1906 by F. F. Hesse, U.S. Surveyor, who also at the same time executed a resurvey of part of the subdivision lines of said Tp.
- From the cor. of secs. 1 and 12 on E. bdy. of Tp.  
S. 89° 46' W., on a random line bet. secs. 1 and 12.
- 39.75 A point 7 lks. N. of the original  $\frac{1}{4}$  sec. cor.  
Thence from cor.  
S. 89° 46' W., on a random line bet. secs. 1 and 12.
- 39.45 A point 7 lks. N. of the original cor. of secs. 1, 2, 11 and 12, which is the remains of a rotted stake in a mound of stone.  
At true point for cor.  
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with a granite stone, 8x8x6 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.
- |        |        |
|--------|--------|
| T 16 S | R 18 E |
| S 2    | S 1    |
| S 11   | S 12   |
| 1932   |        |
- Thence  
N. 89° 40' E., on a true line bet. secs. 1 and 12.  
Over rolling land, through scattered timber and desert growth.  
Along S. slope.
- 2.60 Head of small ravine, course SW.; asc. 59 ft. over W. slope.
- 5.90 Spur, slopes S.; desc. 70 ft. over E. slope.
- 10.60 Ravine, course S.; asc. 126 ft. over SW. slope.
- 20.20 Spur, slopes SW.; desc. 70 ft. over SE. slope.
- 26.70 Ravine, course S.; asc. 101 ft. over SW. slope.
- 34.50 Spur, slopes S.; desc. 40 ft. over E. slope.
- 39.20 Ravine, course S. for 3.00 chs. thence SW.; asc. 10 ft. over W. slope.
- 39.45 The original  $\frac{1}{4}$  sec. cor. of secs. 1 and 12, which is the remains of a rotted stake in a mound of stone.  
At true point for cor.  
Set an iron post, 3 ft. long, 1 in. diam., 12 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 1  
S 12  
1932

from which

The original bearing tree:

An oak, 14 ins. diam., bears S.  $67\frac{1}{4}^{\circ}$  E., 203 lks. dist., the surface scar was not opened. I remark this tree  $\frac{1}{4}$  S12 BT

And new bearing tree:

An oak, 12 ins. diam., bears N.  $47\frac{1}{2}^{\circ}$  E., 438 lks. dist., mkd.  $\frac{1}{4}$  S1 BT

Ascend 12 ft. along W. slope.

- 40.05 Small spur, slopes S.; desc. 12 ft. over SE. slope.
- 40.55 Ravine, course SW.; asc. 290 ft. over W. slope.
- 52.85 Spur, slopes S.; desc. 101 ft. over SE. slope.
- 62.65 Head of ravine, course S.; asc. 69 ft. over SW. slope.
- 75.85 Spur, slopes S.; desc. 27 ft. over SE. slope.
- 79.20 The cor. of secs. 1 and 12, on E. bdy. of Tp, hereinbefore described.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, scattered oak.  
Undergrowth, mesquite, catclaw, ocotilla and amolle.

From the cor. of secs. 1, 2, 11 and 12.

North on a random line bet. secs. 1 and 2.

- 39.93 A point 14 lks. W. of the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

I return to the cor. of secs. 1, 2, 11. and 12. hereinbefore described.

N.  $0^{\circ}12'E.$ , on a true line bet. secs. 1 and 2.

Over rolling land, through scattered timber and desert growth.

Ascend 45 ft. over S. slope.

- 3.20 Spur, slopes SW.; continue along W. slope.
- 7.20 Descend 71 ft. over NW. slope.
- 12.40 Ravine, course SW.; asc. 58 ft. over SE. slope.
- 22.30 Same ravine, course S.  $20^{\circ}E.$ ; asc. 141 ft. over SW. slope.
- 33.30 Ridge, bears NW. and SE.; desc. 29 ft. over NE. slope.
- 39.93 The original  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, which is the remains of a decayed post in a mound of stone.

At true point for cor.

Chains. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a granite stone, 8x4x4 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.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 2 \text{ | S } 1 \\ 1932 \end{array}$$

from which

The original bearing tree:

An oak, 14 ins. diam., bears S. 23° E., 292 lks. dist., old scar not opened.

Thence

North on a true line bet. secs. 1 and 2.

Over rolling land, through scattered timber and desert growth.

- .30 Head of draw, course S.70°E.; asc. 29 ft. over SE. slope.
- 5.20 Spur, slopes S.70°E.; desc. 67 ft. over NE. slope.
- 9.60 Ravine, course N.60°E.; asc. 17 ft. over SE. slope.
- 13.40 Spur, slopes N.30°E.; desc. 199 ft. over NW. slope.
- 22.50 Ravine, course N.60°E.
- 26.90 Ravine, course E.; asc. 47 ft. over S. slope.
- 30.00 Spur, slopes E.; desc. 39 ft. over NE. slope.
- 35.70 Ravine, course E. 100 lks. thence SE.; asc. 76 ft. over S. slope.
- 39.58 A point 14 lks. E. of the original closing cor. of secs. 1 and 2, T. 16 S., R. 18 E., which is the remains of a rotted stake, set in a mound of stone.
- I destroy all evidence of this cor.
- 40.40 Spur, slopes SE.; continue ascending 82 ft. over SE. slope.
- 45.98 Intersect the Third Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 1 and 2, T. 16 S., R. 18 E., with brass cap mkd.

$$\begin{array}{c} \text{T } 15 \text{ S } \text{R } 18 \text{ E} \\ \text{S } 35 \\ \text{S } 2 \text{ | S } 1 \\ \text{C } \text{C} \\ \text{T } 16 \text{ S } \text{R } 18 \text{ E} \\ 1932 \end{array}$$

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

From this point the standard cor. of secs. 35 and 36, T. 15 S., R. 18 E., hereinbefore described, bears East 13.75 chs. dist.

Resurvey of a Portion of the Subdivisions  
of T. 16 S., R. 18 E.

Chains.	<p>Land, rolling. Soil, rocky; 4th rate. Timber, scattered oak. Undergrowth, mesquite, catclaw and cactus.</p>
	<p>From the cor. of secs. 14,15,22 and 23.</p>
	<p>N.0°04'E., on a random line bet. secs. 14 and 15.</p>
39.93	<p>A point 1 lk. E. of the <math>\frac{1}{4}</math> sec. cor.</p>
	<p>Thence from cor.</p>
	<p>N.0°04'E., on a random line bet. secs. 14 and 15.</p>
39.89	<p>A point 2 lks. W. of the cor. of secs. 10,11,14 and 15.</p>
	<p>I return to the cor. of secs. 14,15,22 and 23, which is an iron post, 2 ins. diam., 14 ins. above ground, firmly set, mkd. and witnessed as described in the official record.</p>
	<p>Thence</p>
	<p>N.0°03'E., on a true line bet. secs. 14 and 15.</p>
	<p>Over rolling land, through scattered timber and desert growth.</p>
	<p>Along E. slope.</p>
1.80	<p>Head of ravine, course SE.; asc. 82 ft. over SE. slope.</p>
11.10	<p>Spur, slopes SE.; desc. 117 ft. over NE. slope.</p>
22.90	<p>Fence, bears NW. and SE.</p>
26.60	<p>Draw, course SE.; asc. 32 ft. over SE. slope.</p>
28.90	<p>Same fence, bears NE. and SW.</p>
32.60	<p>Small spur, slopes SE.; continue along E. slope.</p>
37.70	<p>Descend 8 ft. over NE. slope.</p>
39.93	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15, which is an iron post, 1 in. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record. from which a new bearing tree; an oak 14 ins. diam., bears N. 28°W., 107 lks. dist.; mkd. <math>\frac{1}{4}</math> S15 BT.</p>
	<p>Thence</p>
	<p>N.0°06'E., on a true line bet. sec. 14 and 15.</p>
	<p>Over rolling land; through scattered timber and desert growth.</p>
	<p>Descend 21 ft. over NE. slope.</p>
1.50	<p>Ravine, course S. 80° E.; asc. 21 ft. over SE. slope.</p>
3.10	<p>Small spur, slopes S.70°E.; desc. 37 ft. over NE. slope.</p>
8.00	<p>Wash, 80 lks. wide, course S.60°E.; asc. 173 ft. over SE. slope.</p>
17.80	<p>Head of small ravine, course SE.</p>

## Resurvey of a Portion of the Subdivisions

of T. 16 S., R. 18 E.

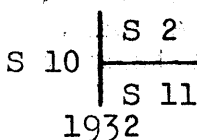
Chains	
23.90	Spur, slopes SE.; desc. 115 ft. over NE. slope.
37.00	Gulch, 20 lks. wide, course S.70°E.; asc. 51 ft. over SE. slope.
39.10	Small spur, slopes SE.; desc. 12 ft. over NE. slope.
39.89	The cor. of secs. 10, 11, 14 and 15, which is an iron post, 2 ins. diam., 14 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	Land, rolling. Soil, rocky; 4th rate. Timber, scattered oak. Undergrowth, ocotilla, amolle, cactus and mesquite.
	N.0°04'E., on a random line bet. secs. 10 and 11.
39.90	The $\frac{1}{4}$ sec. cor. of secs. 10 and 11.
79.14	A point 2 lks. E. of the cor. of secs. 2, 3, 10 and 11. I return to the cor. of secs. 10, 11, 14 and 15, hereinbefore described.
	N.0°04'E., on a true line bet. secs. 10 and 11.
	Over rolling land, through scattered timber and desert growth.
	Descend 11 ft. over NE. slope.
1.00	Head of small ravine, course SE.; asc. 105 ft. over gradual S. slope.
2.80	Small spur, slopes SW.
4.10	Small ravine, course SW.
13.20	Spur, slopes SE.; desc. 97 ft. over NE. slope.
18.20	Gulch, 20 lks. wide, course E.; asc. 114 ft. over S. slope.
33.20	Small draw, course S.30°E.
39.90	The $\frac{1}{4}$ sec. cor. of secs. 10 and 11, which is an iron post, 1 in. diam., 2 $\frac{1}{2}$ ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	Thence
	N.0°02'E., on a true line bet. secs. 10 and 11.
	Over rolling land, through scattered timber and desert growth.
	Along top of ridge bears NW. and SE.
6.40	Fence, bears NW. and SE.; desc. 22 ft. along E. slope.
8.20	Ravine, course SE.; continue along E. slope.
14.80	Ravine, course SE.; asc. 80 ft. over S. slope.
21.20	Saddle on spur ridge, bears NW. and SE.; desc. 64 ft. over broken NW. slope.

Chains.

- 28.60 Ravine, course E.; continue along E. slope.
- 32.70 Ravine, course SE.; asc. 62 ft. over SE. slope.
- 39.24 The cor. of secs. 2, 3, 10 and 11, which is an iron post, 2 ins. diam., standing 24 ins. above ground, firmly set in a mound of stone to top, mkd. and witnessed as described in the official record.

This cor. will now refer to cor. of secs. 2 and 11 only. I alter the marks on brass cap to read.

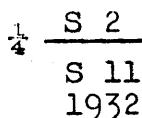
T 16 S R 18 E



I obliterate the marks on the NW. and SW. bearing trees.

Land, rolling.  
 Soil, rocky; 4th rate.  
 Timber, oak.  
 Undergrowth, manzanita, mesquite, catclaw, ocotilla and yucca.

- 40.05 N. 89° 45' E., on a random line bet. secs. 2 and 11. No trace of the original  $\frac{1}{4}$  sec. cor. Set temp cor.
- 79.34 A point 32 lks. S. of the cor. of secs. 1, 2, 11 and 12, hereinbefore described.
- Thence
- S. 89° 31' W., on a true line bet. secs. 2 and 11.
- Over rolling land, through scattered timber and desert growth.
- Along S. slope.
- 2.14 Small spur, slopes S.; desc. 104 ft. over W. slope.
- 15.54 Windmill and Tank, bears S. 2.50 chs. dist.
- 19.84 Center of sand wash, 130 lks. wide, course SE.
- 20.50 Ascend 174 ft. over E. slope.
- 32.40 Spur, slopes SE.; desc. 60 ft. over SW. slope.
- 39.04 Ravine, course SE.; asc. 10 ft. over SE. slope.
- 39.67 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. with brass cap mkd.



from which

A white oak, 8 ins. diam., bears S. 19° E., 115 lks. dist., mkd.  $\frac{1}{4}$  S11 BT

A white oak, 14 ins. diam., bears N. 21° W., 49 lks. dist., mkd.  $\frac{1}{4}$  S2 BT

Chains.	Ascend 127 ft. over E. slope.
47.30	Spur, slopes SE.; asc. 38 ft. along SE. slope.
55.10	Top of ridge, bears N. and S.; desc. 157 ft. over broken SW. slope.
76.24	Wash, 10 lks. wide, course S.; asc. 70 ft. over SE. slope.
79.34	The cor. of secs. 2 and 11, hereinbefore described.  Land, rolling. Soil, rocky; 4th rate. Timber scattered oak. Undergrowth, catelaw, cactus, yucca, mesquite and ocotilla.
	From the cor. of secs. 14, 15, 22 and 23. S. 89° 31' W., on a random line bet. secs. 15 and 22.
42.05	A point 4 lks. N. of the $\frac{1}{4}$ sec. cor.  Thence from cor.  S. 89° 13' W., on a random line bet. secs. 15 and 22.
40.05	A point 4 lks. S. of the cor. of secs. 15, 16, 21 and 22, which is an iron post, 2 ins. diam., 2 ins. above the top of a mound of stone, 4 ft. base, 2 ft. high, mkd. and witnessed as described in the official record.  Thence  N. 89° 16' E., on a true line bet. secs. 15 and 22.  Over rolling and mountainous land, through scattered timber and desert growth.  Ascend 67 ft. over SW. slope.
5.00	Spur, slopes S.; desc. 144 ft. over SE. slope.
14.95	Gulch, 30 lks. wide, course S.
18.85	Small ravine, course S. 70° W.; asc. 250 ft. over SW. slope.
35.35	Top of ascent; continue along S. slope.
40.05	The $\frac{1}{4}$ sec. cor. of secs. 15 and 22, which is an iron post, 1 in. diam., 20 ins. above ground, firmly set, mkd. and witnessed as described in the official record.  This cor. is on ridge, bearing N. and S.  Thence  N. 89° 28' E., on a true line bet. secs. 15 and 22.  Over rolling land, through scattered desert growth.  Descend 43 ft. over SE. slope.
5.15	Ravine, course S. 20° E; asc. 48 ft. over SW. slope.
9.50	Spur, slopes S. 20° E.; desc. 17 ft. over SE. slope.

Chains.	
14.25	Descend 63 ft. over E. slope.
19.65	Ravine, course SE.; asc. 11 ft. over SW. slope.
23.00	Small spur, slopes S.20°E.; desc. 23 ft. over SE. slope.
25.55	Gulch, course S.; asc. 60 ft. over SE. slope.
30.55	Small spur, slopes S.; desc. 25 ft. over SE. slope.
33.15	Ravine, course S.; asc. 47 ft. over W. slope.
37.25	Ridge, bears N. and S.; desc. 31 ft. over E. slope.
40.55	Small spur, slopes SE.
42.05	The cor. of secs. 14,15, 22 and 23, hereinbefore described.
	Land, rolling and mountainous. Soil, rocky; 4th rate. Timber, scattered mesquite. Undergrowth, cactus, spanish dagger amolle and ocotilla.
	From the cor. of secs. 15, 16, 21 and 22. S.89°38'W., on a random line bet. secs. 16 and 21.
39.86	A point 8 lks. S. of the $\frac{1}{4}$ sec. cor. Thence from cor. S.89°32'W., on a random line bet. secs. 16 and 21.
40.05	A point 2 lks. N. of the cor. of secs. 16,17,20 and 21, which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.  From this point, a bench mark of the U.S. Geological Survey, published elevation 4,472 ft. above mean sea level, bears N.47°44'E., 53.02 chs. dist., a brass tablet seated in a granite boulder, conforming to the record.  Thence N.89°30'E., on a true line bet. secs. 16 and 21. Over rolling land, through scattered desert growth.
.01	Fence, bears N. and S.
1.00	Low spur, slopes NW.; desc. 32 ft. over NE. slope.
4.96	Ravine, course N.; asc. 53 ft. over NW. slope.
9.60	Spur, slopes N.; desc. 53 ft. over NE. slope.
15.36	Center of wash, 60 lks. wide, course N.20°E.; continue along broken N. slope.
34.00	Descend 30 ft. over NE. slope.
39.21	Dry wash, 30 lks. wide, course N. 20° E.; asc. 15 ft. over W. slope.

Resurvey of a Portion of the Subdivisions  
of T. 16 S., R. 18 E.

Chains. 40.05	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 21, which is an iron post, 1 in. diam., 16 ins. above ground, firmly set in a mound of stone, mkd. and witnessed as described in the official record., from which a new bearing tree; an ash, 11 ins. diam., bears N.83<math>\frac{1}{2}</math>°W., 57 lks. dist., mkd. <math>\frac{1}{4}</math> S16 BT</p> <p>Thence</p> <p>N.89°45'E., on a true line bet. secs. 16 and 21.</p> <p>Over rolling land, through scattered desert growth.</p> <p>Ascend 97 ft. over steep SW. slope.</p>
2.60	Spur, slopes S.; desc. 83 ft. over SE. slope.
6.76	Fence, bears N. and S.
14.16	Gulch, 20 lks. wide, course SW.; asc. 155 ft. over NW. slope.
27.50	Ridge, bears NE. and SW.; desc. 84 ft. over SE. slope.
35.56	Gulch, 30 lks. wide, course S.; asc. 72 ft. over SW. slope.
39.86	<p>The cor. of secs. 15, 16, 21 and 22, hereinbefore described.</p> <p>Land, rolling. Soil, rocky; 4th rate. Timber, scattered ash, mesquite and oak. Undergrowth, mesquite, cactus, amolle and ocotilla.</p>
	<p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>N.0°04'W., on a random line bet. secs. 16 and 17.</p>
39.66	<p>A point 1 lks. W. of the <math>\frac{1}{4}</math> sec. cor.</p> <p>Thence from cor.</p> <p>North on a random line bet. secs. 16 and 17.</p>
39.86	<p>A point 2 lks. W. of the cor. of secs. 8, 9, 16 and 17.</p> <p>I return to the cor. of secs. 16, 17, 20 and 21; hereinbefore described.</p> <p>N.0°03'W., on a true line bet. secs. 16 and 17.</p> <p>Over rolling land, through scattered desert growth.</p> <p>Along fence.</p>
7.10	Center of wash, 100 lks. wide, course N.70°W.; asc. 69 ft. over gradual S. slope.
17.70	Small ravine, course SW.
25.90	Small spur, slopes SW.; desc. 80 ft. over NW. slope.
35.60	Center of wash, 30 lks. wide, course SW.; asc. 77 ft. over SE. slope.
39.66	The $\frac{1}{4}$ sec. cor. of secs. 16 and 17, which is an iron post, 1 in. diam., firmly set in a mound of stone.



Chains. mkd. and witnessed as described in the official record.

Thence

N.0°02'E., on a true line bet. secs. 16 and 17.

Over mountainous land, through scattered desert growth.

Ascend 31 ft. over SE. slope.

3.30 Point of spur, slopes SE.; desc. 30 ft. over NE. slope.

7.40 Draw, course SE.; asc. 436 ft. over general S. slope.

37.90 Spur, slopes SW.; desc. 42 ft. over NW. slope.

39.86 The cor. of secs. 8,9,16 and 17, which is an iron post, 2 ins. diam., 10 ins. above ground, firmly set in a mound of stone, mkd. and witnessed as described in the official record.

Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, none.

Undergrowth, cactus, mesquite amolle and acotilla.

West on a random line bet. secs. 8 and 17.

40.19 Intersect the 1/4 sec. cor.

80.44 Intersect N. and S. line 4 lks. S. of the cor. of secs. 8 and 17.

I return to the cor. of secs. 8,9,16 and 17, hereinbefore described.

West on a true line bet. secs. 8 and 17.

Over mountainous land, through scattered desert growth.

Descend 91 ft. over NW. slope.

4.50 Ravine, course SW.; asc. 49 ft. over SE. slope.

7.30 Spur, slopes S.30°W.; desc. 72 ft. over steep SW. slope.

9.00 Center of gulch, 30 lks. wide, course S.; asc. 63 ft. over SE. slope.

11.30 Spur, slopes S.30°W.; desc. 133 ft. over SW. slope.

17.30 Ravine, course S.30°W.; asc. 24 ft. over SE. slope.

18.50 Point of spur, slopes S.; desc. 15 ft. over SW. slope.

20.80 Ravine, course S.10°E.; asc. 112 ft. over steep E. slope.

25.80 Spur, slopes S.; desc. 213 ft. over SW. slope.

38.40 Ravine, course S.; asc. 66 ft. over E. slope.

40.19 The 1/4 sec. cor. of secs. 8 and 17, which is an iron post 1 in. diam., firmly set in a mound of stone, mkd. and witnessed as described in the official record.

Thence

Chains.	S.89°57'W., on a true line bet. secs. 8 and 17. Over mountainous land, through scattered desert growth. Ascend 37 ft. over E. slope.
1.50	Continue ascending 11 ft. over SE. slope.
3.90	Spur, slopes S.20°W.; desc. 52 ft. over W. slope.
5.90	Ravine, course S.20°W.; asc. 52 ft. over SE. slope.
15.70	Spur, slopes S.; desc. 154 ft. over W. slope.
19.90	Ravine, course S.20°W.; asc. 100 ft. over SE. slope.
25.70	Spur, slopes S.20°W.; desc. 127 ft. over SW. slope.
29.30	Small ravine, course SW.; continue descending.
40.25	The cor. of secs. 8 and 17, which is an iron post, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone, mkd. and witnessed as described in the official record.  This cor. is 10 lks. N. of angle in fence, bearing W. and N.70°E.  Land, mountainous. Soil, rocky; 4th rate. Timber, none. Undergrowth, catclaw, cactus, mesquite, spanish dagger and amolle.
	From the cor. of secs. 7 and 18. S.89°25'W., on a random line bet. secs. 7 and 18.
39.76	A point 6 lks. S. of the $\frac{1}{4}$ sec. cor. Thence from cor. S. 89°33'W., on a random line bet. secs. 7 and 18.
38.45	A point 5 lks. S. of the cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp. hereinbefore described. Thence N.89°38'E., on a true line bet. secs. 7 and 18. Over rolling land, through scattered desert growth. Descend 46 ft. over E. slope.
3.45	Road, bears N. and S.
4.15	Cabin, bears N. approximate 7.00 chs. dist.
5.05	Center of wash, 80 lks. wide, course S.; asc. 84 ft. over W. slope.
16.85	Spur, slopes SW.; desc. 441 ft. over SE. slope.
24.95	Wash, 10 lks. wide, course S.; continue descending.
30.65	Ravine, course SW.; asc. 57 ft. over W. slope.
36.00	Spur, slopes SW.; desc. 32 ft. over SE. slope.
38.45	The $\frac{1}{4}$ sec. cor. of secs. 7 and 18, which is an iron post.

Chains. 1 in. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

This cor. is set at end of fence extending E.

Thence

N.89°30'E., on a true line bet. secs. 7 and 18.

Over rolling land, through scattered desert growth.

Along fence.

Descend 17 ft. over SE. slope.

.96 Ravine, course S.30°W.; asc. 59 ft. over W. slope.

6.30 Spur, slopes S.30°W.; desc. 441 ft. over SE. slope.

10.96 Ravine, course S.20°W.; asc. 73 ft. over W. slope.

14.76 Top of ascent; continue over rolling land.

27.76 Wash, 15 lks. wide, course S.20°W.

35.76 Wash, 10 lks. wide, course S.; continue along S. slope.

39.76 The cor. of secs. 7 and 18, which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

From this point the cor. of secs. 8 and 17, hereinbefore described, bears N.0°03'E., 2.04 chs. dist.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, none.  
Undergrowth, catclaw, cactus, mesquite, spanish dagger and amolle.

Survey of a Portion of the Subdivisions  
of T. 16 S., R. 18 E.

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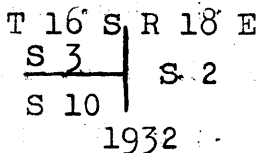
From the cor. of secs. 2 and 11, hereinbefore described.

North, on a true line bet. secs. 2 and 3.

Over mountainous land, through scattered timber and desert growth.

.76 At this point which is 40.00 chs. N. of the 1/4 sec. cor. of secs. 10 and 11.

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for cor. of secs. 3 and 10 only with brass cap mkd.



from which

Chains.	<p>A black oak, 5 ins. diam., bears S.37<math>\frac{1}{2}</math>°W., 135 lks. dist., mkd. T16S R18E S10 BT</p> <p>A black oak, 6 ins. diam., bears N.31<math>\frac{1}{2}</math>°W., 93 lks. dist., mkd. T16S R18E S3 BT</p> <p>Ascend 249 ft. over rocky SE. slope.</p>
11.40	Small ravine, course S.60°E.
28.70	Small ravine, course S.20°E.
31.50	Spur, slopes SE.; continue along rocky E. slope.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 2 only, with brass cap mkd.</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>     S 2  1932 </div> <p style="text-align: right;">from which</p> <p>A black oak, 14 ins. diam., bears N.50<math>\frac{1}{2}</math>°E., 87 lks. dist., mkd. <math>\frac{1}{4}</math> S2 BT</p> <p>A white oak, 12 ins. diam., bears S.38<math>\frac{1}{4}</math>°E., 244 lks. dist., mkd. <math>\frac{1}{4}</math> S2 BT</p>
40.66	<p>Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for witness <math>\frac{1}{4}</math> sec. cor. of sec. 3 only with brass cap mkd.</p> <div style="text-align: center;"> WC  <math>\frac{1}{4}</math>     S 3  1932 </div> <p style="text-align: right;">from which</p> <p>A white oak, 8 ins. diam., bears S.9° W., 85 lks. dist., mkd. WC <math>\frac{1}{4}</math> S3 BT</p> <p>A white oak, 7 ins. diam., bears N.50<math>\frac{1}{2}</math>°W., 32 lks. dist., mkd. WC <math>\frac{1}{4}</math> S3 BT</p>
40.76	<p>True point for <math>\frac{1}{4}</math> sec. cor. of sec. 3 falls on sloping granite ledge.</p> <p>Continue along rocky E. slope.</p>
45.30	Ravine, course SE.; asc. 96 ft. over rocky S. slope.
48.50	Spur, slopes S.70°E.; asc. 123 ft. over rocky SE. slope.
60.60	Head of draw, course SE.
64.70	Spur, slopes SE.; desc. 184 ft. over rocky NE. slope.
76.20	Ravine, course SE.; asc. 188 ft. over rocky S. slope.
80.70	Spur, slopes SE.; continue ascending 92 ft. over SE. slope.
86.55	Intersect the Third Standard Parallel South.

Chains.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, and in a mound of stone to top, for closing cor. of secs. 2 and 3, with brass cap mkd.

T 15 S R 18 E  
S 34

S 3 | S 2

C C  
T 16 S R 18 E  
1932

from which

A black oak, 6 ins. diam., bears S.66°E., 61 lks. dist., mkd. T16S R18E S2 CC BT

A black oak, 7 ins. diam., bears S.43<sup>3</sup>/<sub>4</sub>°W., 79 lks. dist., mkd. T16S R18E S3 CC BT

From point of intersection the standard cor. of secs. 34 and 35, T.15 S., R. 18 E., hereinbefore described, bears East, 13.09 chs. dist.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, oak.

Undergrowth, amolle, near grass, ocotilla, catclaw and mescal.

From the cor. of secs. 15, 16, 21 and 22. hereinbefore described.

North on a true line bet. secs. 15 and 16.

Over mountainous land, through scattered timber and desert growth.

Ascend 21 ft. over SW. slope.

1.50 Rocky point projects W.; desc. 40 ft. over NW. slope.

5.20 Ravine, course SW.; asc. 233 ft. over rocky S. slope.

15.50 Rocky ridge, bears NE. and SW.; desc. 51 ft. over NW. slope.

17.70 Ravine, course SW.; asc. 90 ft. over SE. slope.

22.20 Same ridge, bears NW. and SE.; desc. 25 ft. over NE. slope.

24.20 Head of draw, course SE.; asc. 121 ft. over S. slope.

29.00 Continue ascending over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a cross X, mkd. at base of post, and in a mound of stone to top, for <sup>1</sup>/<sub>4</sub> sec. cor. with brass cap mkd.

<sup>1</sup>/<sub>4</sub>  
S 16 | S 15  
1932

Ascend 455 ft. over SE. slope.

58.00 Head of ravine, course SE.; continue ascending.

Chains.

66.30

Ridge, bears NE. and SW.; asc. 56 ft. over SW. slope.

79.01

At this point which is 80.12 chs. E. of the cor. of secs. 8,9,16 and 17, hereinbefore described.

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross X, mkd. at base of post, and in a mound of stone to top, for cor. of secs. 9 and 16 only, with brass cap mkd.

T 16 S R 18 E		
S 9		
S 16	S 15	
1932		

from which

An oak, 12 ins. diam., bears S.  $60\frac{1}{4}^{\circ}$ W., 183 lks. dist., mkd. T16S R18E S16 BT

An oak, 12 ins. diam., bears N.  $37\frac{3}{4}^{\circ}$ W., 300 lks. dist., mkd. T16S R18E S9 BT

80.60

At this point which is 82.10 chs. W. of the cor. of secs. 10,11, 14 and 15, hereinbefore described.

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, and in a mound of stone to top, for cor. of secs. 10 and 15 only, with brass cap mkd.

T 16 S R 18 E		
S 9		S 10
S 9	S 15	
1932		

from which

An oak, 14 ins. diam., bears N.  $22^{\circ}$  E., 199 lks. dist., mkd. T 16 S R18 E S10 BT

An oak, 12 ins. diam., bears S.  $28\frac{3}{4}^{\circ}$  E., 239 lks. dist., mkd. T16S R18E S15 BT

Land, mountainous.

Soil, rocky; 4th rate.

Timber, oak.

Undergrowth, cactus, ocotilla and amolle.

East on a true line bet. secs. 10 and 15.

Over mountainous land, through scattered timber and desert growth.

Ascend 38 ft. over W. slope.

3.00

Ridge, bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.; desc. 66 ft. over E. slope.

6.10

Draw, course SE.; asc. 171 ft. over SW. slope.

21.70

Ridge, bears N. and SE.; desc. 155 ft. over steep SE. slope.

28.70

Descend 459 ft. over steep E. slope.

39.10

Head of small ravine, course NE.; continue along S. slope.

Chains.  
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. 10 only, with brass cap mkd.

$\frac{1}{4}$  S10

1932

from which

An oak, 20 ins. diam., bears N.61°E., 234 lks. dist., mkd.  $\frac{1}{4}$  S10 BT

No other bearing tree available.

42.10

At this point which is 40.00 chs. in departure from the NE. cor. of sec. 15.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 15 only, with brass cap mkd.

$\frac{1}{4}$  S 15

1932

from which

An oak, 12 ins. diam., bears S.65 $\frac{1}{2}$ °W., 145 lks. dist., mkd.  $\frac{1}{4}$  S15 BT

No other bearing tree available.

42.20

Small spur, slopes NE.; desc. 115 ft. over NE. slope.

54.00

Fence, bears NW. and SE.

55.70

Gulch, course SE.; asc. 93 ft. over SW. slope.

56.10

Log cabin bears S. approximate 8.00 chs. dist.

58.20

Low ridge, bears NW. and SE.; desc. 146 ft. over E. slope.

75.40

Wash, 15 lks. wide, course SE.; asc. 25 ft. over SW. slope.

81.30

Small spur, slopes SE.; desc. 5 ft. over NE. slope.

82.10

The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak.  
Undergrowth, cactus, ocotilla and amolle.

From the cor. of secs. 10 and 15.

North on a true line bet. secs. 9 and 10.

Over mountainous land, through scattered timber and undergrowth.

Along W. slope.

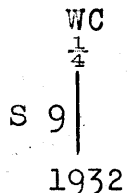
2.00

Descend 150 ft. over NW. slope.

Survey of a Portion of the Subdivisions

of T. 16 S., R. 18 E.

- Chains.  
 15.90 Head of small ravine, course W.; asc. 111 ft. over SW. slope.  
 25.20 Ravine, ( near head) course SW.; asc. 394 ft. over S. slope.  
 38.31 Set an iron post, 3 ft. long, 1 in. diam., on solid rock with a cross X, mkd. at the base, and in a mound of stone to top, for witness  $\frac{1}{4}$  sec. cor. of sec. 9 only with brass cap mkd.



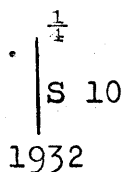
from which

An oak, 14 ins. diam., bears N.  $86\frac{1}{2}^\circ$  W., 65 lks. dist., mkd. WC  $\frac{1}{4}$  S9 BT

No other bearing tree available.

- 38.41 The true point for  $\frac{1}{4}$  sec. cor. of sec. 9. which is 40.00 chs. in latitude from the SE. cor. of sec. 9, falls on granite ledge 5 ft. high.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 10 only, with brass cap mkd.



from which

An oak, 6 ins. diam., bears N.  $25^\circ$  E., 60 lks. dist., mkd.  $\frac{1}{4}$  S10 BT

An oak, 10 ins. diam., bears S.  $56\frac{1}{2}^\circ$  E., 28 lks. dist., mkd.  $\frac{1}{4}$  S10 BT

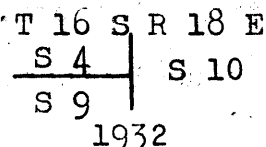
Descend 182 ft. over NW. slope.

- 51.10 Gulch, course SW.; asc. 550 ft. over steep S. slope.

- 75.60 Spur, slopes SW.; desc. 12 ft. over NW. slope.

- 78.41 At this point which is 80.00 chs. in latitude from the SE. cor. of sec. 9

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock with a cross X, mkd. at the base, and in a mound of stone to top, for cor. of secs. 4 and 9 only, with brass cap mkd.



from which



Chains.

A juniper, 10 ins. diam., bears S.  $4\frac{1}{2}^{\circ}$  W., 162 lks. dist., mkd. T16S R18E S9 BT

A juniper, 10 ins. diam., bears N.  $33\frac{3}{4}^{\circ}$  W., 214 lks. dist., mkd. T16S R18E S4 BT

80.00

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock with a cross X, mkd. at the base, and in a mound of stone to top, for cor. of secs. 3 and 10 only, with brass cap mkd.

T 16 S R 18 E
S 4   S 3
S 10
1932

from which

An oak, 8 ins. diam., bears N.  $12^{\circ}$  E., 61 lks. dist., mkd. T16S R18E S3 BT

A black oak, 9 ins. diam., bears S.  $17\frac{1}{2}^{\circ}$  E., 193 lks. dist., mkd. T16S R18E S10 BT

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber oak and juniper.  
Undergrowth, cactus, bear grass and manzanita.

40.00

East on a random line bet. secs. 3 and 10.  
Set temp  $\frac{1}{4}$  sec. cor.

82.20

Intersect N. and S. line 12 lks. N. of the cor. of secs. 3 and 10.

Thence

N.  $89^{\circ}55'$  W., on a true line bet. secs. 3 and 10.

Over mountainous land, through scattered timber and dense undergrowth.

Ascend 1092 ft. over steep rocky SE. slope.

42.20

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 3
S 10
1932

from which

A juniper, 12 ins. diam., bears North, 37 lks. dist., mkd.  $\frac{1}{4}$  S3 BT

An oak, 6 ins. diam., bears S.  $4^{\circ}$  W., 156 lks. dist., mkd.  $\frac{1}{4}$  S10 BT

Descend 126 ft. over SW. slope.

53.90

Wash, 20 lks. wide, course S.  $20^{\circ}$  W.; asc. 197 ft. over SE. slope.

70.40

Top of ascent; continue along S. slope.

78.00

Spur, slopes SW.; desc. 102 ft. over W. slope.

Survey of a Portion of the Subdivisions

of T. 16 S., R. 18 E.

Chains.

82.00

Draw, course SW.

82.20

The cor. of secs. 3 and 10 hereinbefore described.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, and juniper.  
Undergrowth, ocotilla, amolle, cactus, soto, manzanita  
and bear grass.

From the cor. of secs. 3 and 10.

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

Over mountainous land, through dense timber and scatter-  
ed undergrowth.

Ascend 282 ft. over rocky S. slope.

1.71

Small draw, course SE.

9.51

Same draw, course SW.

21.40

Spur, slopes SW.; asc. 25 ft. over gradual SW. slope.

38.41

At this point which is 40.00 chs. in latitude from the  
SE. cor. of sec. 4.

Set an iron post, 3 ft. long, 1 in. diam., on surface  
rock with a cross X, mkd. at the base, and in a  
mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 4 only  
with brass cap mkd.

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

from which

A pinyon, 6 ins. diam., bears S.  $37\frac{1}{2}^{\circ}$  W., 135 lks.  
dist., mkd.  $\frac{1}{4}$  S4 BT

A juniper, 12 ins. diam., bears N.  $40\frac{3}{4}^{\circ}$  W., 99 lks.  
dist., mkd.  $\frac{1}{4}$  S4 BT.

39.90

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

WC  
 $\frac{1}{4}$   
| S 3

1932

from which

A white oak, 8 ins. diam., bears N.  $24^{\circ}$  E., 95 lks.  
dist., mkd. WC  $\frac{1}{4}$  S3 BT

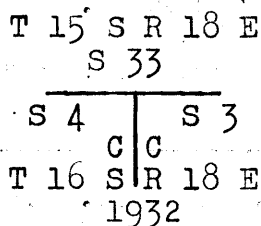
A white oak, 12 ins. diam., bears S.  $60\frac{1}{2}^{\circ}$  E., 14 lks.  
dist., mkd. WC  $\frac{1}{4}$  S3 BT

40.00

True point for  $\frac{1}{4}$  sec. cor. of sec. 3, falls on top of  
granite boulder 8x8x4 ft. high.

- Chains. Ascend 69 ft. over gradual SW. slope.
- 47.91 Gulch, 20 lks. wide, course S.30°W.; asc. 176 ft. over S. slope.
- 57.40 Spur, slopes S.20°W.; asc. 572 ft. over SW. slope.
- 83.30 Top of ascent; continue along W. slope.
- 85.62 Intersect the Third Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 3 and 4, with brass cap mkd.



from which

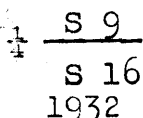
A pinyon, 10 ins. diam., bears S.74½°E., 37 lks. dist. mkd. T16S R18E S3 CC BT

A juniper, 14 ins. diam., bears S.21½°W., 41 lks. dist., mkd. T16S R18E S4 CC BT

From point of intersection the standard cor. of secs. 33 and 34, T. 15 S., R. 18 E., hereinbefore described, bears East 15.37 chs. dist.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, juniper and pinyon.  
Undergrowth, catclaw, bear grass, cactus, mescal and amolle.

- From the cor. of secs. 8,9,16 and 17.
- East on a true line bet. secs. 9 and 16.
- Over rolling land, through scattered timber and desert growth.
- Ascend 46 ft. over NW. slope.
- 4.50 Spur, slopes SW.; asc. 92 ft. over SW. slope.
- 15.30 Ascend 15 ft. over gradual SW. slope.
- 22.00 Low spur, slopes S.20°W.; desc. 48 ft. over SE. slope.
- 24.80 Center of gulch, 60 lks. wide, course S.20°E.; asc. 87 ft. over SW. slope.
- 36.00 Small spur, slopes S.; desc. 8 ft. over gradual SE. slope.
- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.



from which

Survey of a Portion of the Subdivisions

of T. 16 S., R. 18 E.

Chains. A mesquite, 8 ins. diam., bears S.10 $\frac{1}{2}$ °W., 286 lks. dist., mkd.  $\frac{1}{4}$  S16 BT

A mesquite, 8 ins. diam., bears N.52 $\frac{1}{2}$ °W., 283 lks. dist., mkd.  $\frac{1}{4}$  S9 BT

42.50 Small draw, course S.20°W.; asc. 396 ft. over SW. slope.

55.90 Small spur, slopes SW.; continue ascending over SW. slope.

80.12 The cor. of secs. 9 and 16, hereinbefore described.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, mesquite.  
Undergrowth, ocotilla, cactus, mesquite and oak.

From the cor. of secs. 8,9,16 and 17.

N.0°01'W., on a true line bet. secs. 8 and 9.

Over mountainous land, through scattered timber and desert growth.

Descend 35 ft. over NW. slope.

1.70 Ravine, course S.60°W.; asc. 310 ft. over SW. slope.

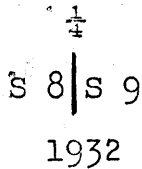
16.00 Spur, slopes SW.; desc. 21 ft. over NW. slope.

21.50 Small draw, course SW. ; asc. 54 ft. over SW. slope.

25.00 Short spur, slopes SW.; desc. 62 ft. over NW. slope.

29.20 Gulch, course S.30°W.; asc. 229 ft. over SE. slope.

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

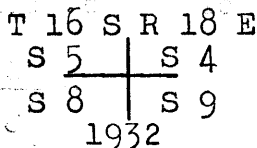
An oak, 18 ins. diam., bears N.4 $\frac{1}{2}$ ° W., 261 lks. dist., mkd.  $\frac{1}{4}$  S8 BT

No other bearing tree available..

Ascend 185 ft. over SE. slope.

57.40 Head of small draw, course SE.; asc. 313 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 4,5,8 and 9, with brass cap mkd.



from which

Chains.

A black oak, 10 ins. diam., bears N.56°E., 62 lks. dist., mkd. T16S R18E S4 BT

A white oak, 9 ins. diam., bears S.32½°E., 117 lks. dist., mkd. T16S R18E S9 BT

A black oak, 14 ins. diam., bears S.57¼°W., 139 lks. dist., mkd. T16S R18E S8 BT

A white oak, 7 ins. diam., bears N.33°W., 150 lks. dist., mkd. T16S R18E S5 BT

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak.  
Undergrowth, amolle, ocotilla, mesquite and bear grass.

East on a random line bet. secs. 4 and 9.

40.00 Set temp ¼ sec. cor.

79.98 Intersect N. and S. line 12 lks. S. of the cor. of secs. 4 and 9.

Thence

S.89°55'W., on a true line bet. secs. 4 and 9.

Over mountainous land, through scattered timber and undergrowth.

.48 Draw, course SW.; desc. 83 ft. over SW. slope.

19.60 Spur, slopes SW.; desc. 534 ft. over steep NW. slope.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼ S 4  
S 9  
1932

from which

A white oak, 9 ins. diam., bears N.8¼°E., 147 lks. dist., mkd. ¼ S4 BT

A white oak, 7 ins. diam., bears S.5¼°E., 66 lks. dist., mkd. ¼ S9 BT

40.98 Bottom of canyon, (small stream of water) course SW.; asc. 291 ft. over SE. slope.

58.28 Spur, slopes S.; desc. 113 ft. over SW. slope.

62.48 Draw, course S.20°W.; asc. 74 ft. over SE. slope.

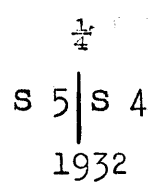
69.60 Spur, slopes S.; continue along S. slope.

79.98 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak and juniper.  
Undergrowth, amolle, bear grass, spanish dagger and cactus.

Survey of a Portion of the Subdivisions  
of T. 16 S., R. 18 E.

Chains. N.0°01'W., on a true line bet. secs. 4 and 5.  
 Over mountainous land, through scattered timber and undergrowth.  
 Ascend 172 ft. over rocky S. slope.  
 9.00 Spur, slopes S.20°W; asc. 212 ft. over SW. slope.  
 24.00 Spur, slopes SW.; desc. 49 ft. over NW. slope.  
 29.00 Draw, course S.76°W.; asc. 37 ft. over SW. slope.  
 32.20 Point of short spur, slopes SW.; continue along W.slope.  
 37.20 Descend 12 ft. over NW. 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 juniper, 9 ins. diam., bears N.61 $\frac{1}{4}$ °E., 45 lks.dist. mkd.  $\frac{1}{4}$  S4 BT

A white oak, 7 ins. diam., bears N.30°W., 39 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

Descend 137 ft. over NW. slope.

49.20 Small ravine, course S.60°W.; asc. 541 ft. over SW. slope.

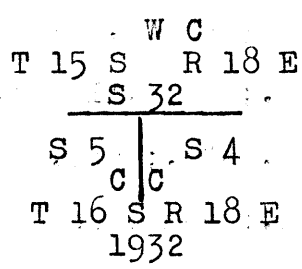
54.00 Short spur, slopes SW.; desc. 95 ft. over NW. slope.

65.40 Bottom of canyon. (small stream of water) course S.30°W.; asc. 330 ft. over SE. slope.

75.40 High spur, slopes SW.; continue along W. slope.

81.00 Descend 113 ft. over NW. slope.

87.26 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 witness closing cor. of secs. 4 and 5, with brass cap mkd.



from which

A black oak, 6 ins. diam., bears S.61 $\frac{1}{2}$ °E., 55 lks. dist., mkd. WC T16S R18E S4 CC BT

A white oak, 8 ins. diam., bears S.18 $\frac{1}{2}$ °W., 43 lks. dist., mkd. WC T16S R18E S5 CC BT

Chains.  
87.36

Intersect the Third Standard Parallel South.

True point for closing cor. falls on large granite boulder.

From point of intersection the standard cor. of secs. 32 and 33, T. 15 S., R. 18 E., hereinbefore described, bears East, 15.60 chs. dist.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, juniper and pinyon.  
Undergrowth, oak and bear grass.

From the cor. of secs. 8 and 17, hereinbefore described.

North on a true line bet. secs. 7 and 8.

Over mountainous land, through scattered timber and desert growth.

Ascend 45 ft. over SW. slope.

4.96 Small wash, course SW.

11.46 Wash, 10 lks. wide, course SW.; asc. 180 ft. over SW. slope.

22.70 Point of spur. slopes SW.; desc. 40 ft. over NW. slope.

29.06 Ravine, course S.30°W.; asc. 167 ft. over SW. slope.

34.16 Head of ravine, course S.10°W.

37.96 At this point which is 40.00 chs. in latitude from the SE. cor. of sec. 7

Set an iron post, 3 ft. long, 1 ins. diam., 12 ins. in the ground to bedrock, with a granite stone. 10x10x8 ins. mkd. X, deposited at the base, and in a mound of stone to top, for ¼ sec. cor. of sec. 7 only, with brass cap mkd.

¼  
|  
S 7  
|  
1932

38.46 Small saddle on ridge, bears N.70°E. and S.70°W.; desc. 17 ft. over NW. slope.

40.00 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 ¼ sec. cor. of sec. 8 only, with brass cap mkd.

¼  
|  
S 8  
|  
1932

from which

A white oak, 14 ins. diam., bears N.50½°E., 260 lks. dist., mkd. ¼ S8 BT

A mesquite, 6 ins. diam., bears S.40°E., 46 lks. dist., mkd. ¼ S8 BT

Chains.	Descend 83 ft. over NW. slope.																
45.76	Center of gulch, 60 lks. wide, (with small stream of water) course S.60°W.; asc. 537 ft. on top of spur, slopes S.																
76.81	At this point which is 77.89 chs. E. of the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp, hereinbefore described.  Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 6 and 7 only, with brass cap mkd.  <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 16</td><td>S</td><td>R 18</td><td>E</td></tr> <tr><td>S 6</td><td> </td><td>S 8</td><td></td></tr> <tr><td>S 7</td><td> </td><td></td><td></td></tr> <tr><td colspan="4">1932</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>A mahogany, 4 ins. diam., bears S.40½°W., 85 lks. dist., mkd. T16S R18E S7 BT</p> <p>A mahogany, 10 ins. diam., bears N.78°W., 35 lks. dist., mkd. T16S R18E S6 BT</p> <p>The sec. cor. is located on top of spur sloping S.</p> <p>Descend 10 ft. along W. slope.</p>	T 16	S	R 18	E	S 6		S 8		S 7				1932			
T 16	S	R 18	E														
S 6		S 8															
S 7																	
1932																	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., in crevice with a cross X, mkd. at the base, and in a mound of stone to top, for cor. of secs. 5 and 8 only, with brass cap mkd.  <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 16</td><td>S</td><td>R 18</td><td>E</td></tr> <tr><td>S 6</td><td> </td><td>S 5</td><td></td></tr> <tr><td></td><td> </td><td>S 8</td><td></td></tr> <tr><td colspan="4">1932</td></tr> </table> </div> <p>No bearing trees available.</p> <p>Land, mountainous. Soil, rocky; 4th rate. Timber, oak. Undergrowth, ocotilla, cactus, amolle, catclaw, spanish dagger and manzanita.</p>	T 16	S	R 18	E	S 6		S 5				S 8		1932			
T 16	S	R 18	E														
S 6		S 5															
		S 8															
1932																	
	N. 89°59' E., on a random line bet. secs. 5 and 8.																
40.00	Set temp. ¼ sec. cor.																
80.22	The cor. of secs. 4, 5, 8 and 9.  Thence  S.89°59'W., on a true line bet. secs. 5 and 8.  Over mountainous land, through scattered timber and desert growth.  Along S. slope.																
3.90	Spur, slopes SW.; desc. 75 ft. over NW. slope.																
12.52	Gulch, course S.60°W.; thence along S. slope.																
23.62	Head of draw, course S.; asc. 69 ft. over SE. slope.																



Chains.

- 29.62 Spur, slopes S.10°W.; continue along S. slope.
- 34.92 Spur, slopes SW.; desc. 138 ft. over W. slope.
- 40.11 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.

$\frac{1}{4}$  S 5  
 S 8  
 1932

from which

A white oak, 16 ins. diam., bears S. 3 $\frac{1}{2}$ ° E., 69 lks. dist., mkd.  $\frac{1}{4}$  S8 BT

A white oak, 8 ins. diam., bears N. 41 $\frac{1}{2}$ ° W., 135 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

Descend 729 ft. over steep SW. slope.

- 70.32 Bottom of canyon. ( with small stream of water) course S.; asc. 297 ft. over SE. slope.

- 79.30 Spur, slopes S.20°W.; desc. 15 ft. over W. slope.

- 80.22 The cor. of secs. 5 and 8.

Land, mountainous.  
 Soil, rocky; 4the rate.  
 Timber, scrub oak.  
 Undergrowth, amolle, cactus, catclaw and bear grass.

From the cor. of secs. 6 and 7.

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

Over mountainous land, through scattered timber and desert growth.

Descend 298 ft. over rocky SW. slope.

- 11.49 Draw, course S.30°W.; asc. 30 ft. over SE. slope.

- 14.90 Continue along S. slope.

- 19.50 Spur, slopes S.70°W. ; desc. 355 ft. over steep NW. slope.

- 36.24 Bottom of canyon. course S.30°W.; asc. 63 ft. over SE. slope.

- 39.24 At this point which is 38.65 chs. E. from the NW. cor. of sec. 7

Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 7 only, with brass cap mkd.

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

1932

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in

Survey of a Portion of the Subdivisions  
of T. 16 S., R. 18 E.

Chains.	<p>the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 6 only, with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 6</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">1932</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Ascend 257 ft. over rocky SE. slope.</p> <p>53.10 Spur, slopes S.10°W; desc. 133 ft. over SW. slope.</p> <p>59.70 Saddle on ridge, bears N.60°E. and S.60°W.; continue along N. slope.</p> <p>68.40 Descend 191 ft. over NW. slope.</p> <p>77.89 The cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp. hereinbefore described.</p> <p>Land, mountainous. Soil, rocky: 4th rate. Timber, scattered oak. Undergrowth, catclaw, cactus and bear grass.</p>
	<p>From the cor. of secs. 5 and 8.</p> <p>N.0°02'W., on a true line bet. secs. 5 and 6.</p> <p>Over mountainous land, through scattered timber and desert growth.</p> <p>Ascend 188 ft. along top of spur.</p> <p>18.00 Leave spur; ascend 42 ft. over SE. slope.</p> <p>23.30 Top of ascent; desc. 44 ft. over NE. slope.</p> <p>29.80 Small draw, course S.60°E.; asc. 175 ft. over SE. slope.</p> <p>36.81 At this point which is 40.00 chs. in latitude from the SE. cor. of sec. 6.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 6 only, with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S 6  </p> <p style="text-align: center;">1932</p> <p style="text-align: right;">from which</p> <p>A white oak, 12 ins. diam., bears S.46<math>\frac{1}{4}</math>°W., 141 lks. dist., mkd. <math>\frac{1}{4}</math> S6 BT</p> <p>A white oak, 8 ins. diam., bears N.20°W., 164 lks. dist., mkd. <math>\frac{1}{4}</math> S6 BT</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a cross X, mkd. at the base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 5 only, with brass cap mkd.</p>

Survey of a Portion of the Subdivisions

of T. 16 S., R. 18 E.

Chains.

$\frac{1}{4}$

| S 5

1932

from which

A white oak, 12 ins. diam., bears S.22°E., 116 lks. dist., mkd.  $\frac{1}{4}$  S5 BT.

A white oak, 14 ins. diam., bears N.33 $\frac{1}{4}$ °E., 118 lks. dist., mkd.  $\frac{1}{4}$  S5 BT

Ascend 248 ft. over SE.slope.

55.20 Top of ridge, bears N.70°E. and S.70°W.; desc. 190 ft. over NW. slope.

65.21 Gulch, course S.60°W.; asc. 299 ft. over steep S. slope.

77.80 Spur, slopes SW.; desc. 121 ft. over NW. slope.

87.34 Intersect the Third Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross X, mkd. at the base of post, and in a mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap mkd.

T 15 S R 18 E

S 31

S 6 | S 5

C C

T 16 S R 18 E

1932

from which

A white oak, 6 ins. diam., bears S.35°E., 60 lks. dist., mkd. T16S R18E S5 CC BT

A black oak, 7 ins. diam., bears S.14 $\frac{1}{2}$ °W., 17 lks. dist., mkd. T16S R18E S6 CC BT

From point of intersection the standard cor. of secs. 31 and 32, T.15 S., R. 18 E., hereinbefore described. bears East, 15.94 chs. dist.

The closing cor. is set in swale draining W.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, oak.

Undergrowth, cactus, catclaw, manzanita and bear grass.

At a point midway bet. the NE. and NW. cors. of sec. 1 on N. bdy. of Tp., 14.08 chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec. 36, hereinbefore described,

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

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

1932

from which

Chains.

A white oak, 6 ins. diam., bears S.58<sup>3</sup>°E., 380 lks.  
dist., mkd.  $\frac{1}{4}$  S1 BT

A black oak, 14 ins. diam., bears S.46<sup>3</sup>°W., 394 lks.  
dist., mkd.  $\frac{1}{4}$  S1 BT

At a point 40.00 chs. in departure from the NE. cor.  
of sec. 2, 13.75 chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec.  
35, hereinbefore described,

Set an iron post, 3 ft. long, 1 in. diam., on surface  
rock, with a cross X, mkd at the base, and in a mound  
of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 2 only, with  
brass cap mkd.

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

1932

from which

A white oak, 11 ins. diam., bears S.36°W., 140 lks.  
dist., mkd.  $\frac{1}{4}$  S 2 BT

A white oak, 14 ins. diam., bears S.67°W., 182 lks.  
dist., mkd.  $\frac{1}{4}$  S2 BT

At a point 40.00 chs. in departure from the NW. cor. of  
sec. 3, 15.37 chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec. 34,  
hereinbefore described,

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

$\frac{1}{4}$  S 3

1932

from which

A juniper, 5 ins. diam., bears S.85<sup>3</sup>°E., 28 lks.  
dist., mkd.  $\frac{1}{4}$  S3 BT

A white oak, 8 ins. diam., bears S.57 $\frac{1}{4}$ °W., 35 lks.  
dist., mkd.  $\frac{1}{4}$  S3 BT

At a point midway bet. the NE. and NW. cors. of sec 4, 15.48  
chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec. 33, hereinbefore  
described,

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

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

1932

from which

A white oak, 4 ins. diam., bears S.82 $\frac{1}{2}$ °E., 71 lks.  
dist., mkd.  $\frac{1}{4}$  S4 BT

A white oak, 5 ins. diam., bears S.80 $\frac{1}{2}$ °W., 60 lks.  
dist., mkd.  $\frac{1}{4}$  S4 BT

Chains. At a point midway bet. the NE. and NW. cors. of sec. 5,  
15.77 chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec. 32, hereinbefore described,  
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. of sec. 5 only, with brass cap mkd.

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

1932

from which

A white oak, 7 ins. diam., bears S.73° E., 155 lks.  
dist., mkd.  $\frac{1}{4}$  S5 BT

A black oak, 16 ins. diam., bears S.78°W., 179 lks.  
dist., mkd.  $\frac{1}{4}$  S5 BT

At a point 40.00 chs. in departure from the NE. cor.  
of sec. 6, 15.94 chs. W. of the Stand.  $\frac{1}{4}$  sec. cor. of sec. 31,  
hereinbefore described,  
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

from which

A white oak, 9 ins. diam., bears S.63° E., 69 lks.  
dist., mkd.  $\frac{1}{4}$  S6 BT

A black oak, 6 ins. diam., bears S.38 $\frac{1}{2}$ °W., 90 lks.  
dist., mkd.  $\frac{1}{4}$  S6 BT

#### FINAL TEST OF SOLAR ATTACHMENT

Dec. 29, 1932: upon the meridian established Nov. 26.  
hereinbefore described, at 8h 30m a.m., app. t., I set  
off 32°02'46" N., on the lat arc; 23°10 $\frac{1}{2}$ ' S. on the  
declination arc; and orient the instrument with the  
solar, the line of sight agrees with the meridian estab-  
lished by Polaris observation.

At 4h 30m p.m., app. t., I set off 32°02'46" N., on the  
lat. arc; 23°10 $\frac{1}{2}$ ' S., on the declination arc; and  
repeat the test of the solar; the line of sight agrees  
with the meridian established by Polaris observation.

#### GENERAL DESCRIPTION

The S. bdy. of T. 15 S., R. 18 E., and a portion of the  
subdivisions of T. 16 S., R. 18 E., included in this  
survey is rolling and mountainous land. The soil is  
rocky; 4th rate. The timber is scattered oak, juniper  
and pinyon. The undergrowth is catclaw, cactus, amolle,  
manzanita, mahogany, bear grass and ocotilla.  
Harrington's Ranch is located in the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of sec. 7.

4-680  
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Howard Beard	1st Chainman
Fred Pender	2nd Chainman
Allen Blout	Flagman
J.D. Harris	Cornerman

BOOK 3995

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Charles E. Hunter, U.S. Transitman, ~~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 8th. day of October, 1932, 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, ~~resurveyed the Third Standard Parallel South,~~ along the South boundary of Township 15 South, Range 18 East; ~~resurveyed~~ a portion of the East boundary; ~~resurveyed and surveyed~~ a portion of the West boundary, and a portion of the subdivisional lines, completing the survey of Township 16 South, Range 18 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.

*Charles E. Hunter*  
 U.S. Surveyor  
 U.S. Transitman  
 Glendale, California,  
 May 15, 1934.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
 Denver, Colorado, August 10, 1934.

The foregoing field notes of the ~~resurvey of the Third Standard Parallel South,~~ along the South boundary of Township 15 South, Range 18 East; ~~resurvey~~ of a portion of the East boundary; ~~resurvey and survey~~ of a portion of the West boundary, and a portion of the subdivisional lines, completing the survey of Township 16 South, Range 18 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Charles E. Hunter, U.S. Transitman, under his special instructions dated October 8, 1932, 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.