

Book D

FIELD NOTES

OF THE SURVEY OF THE

subdivisional lines

of

Township 12 South, Range 17 East,

3970

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William E. Hiester, U. S. Surveyor,

3970

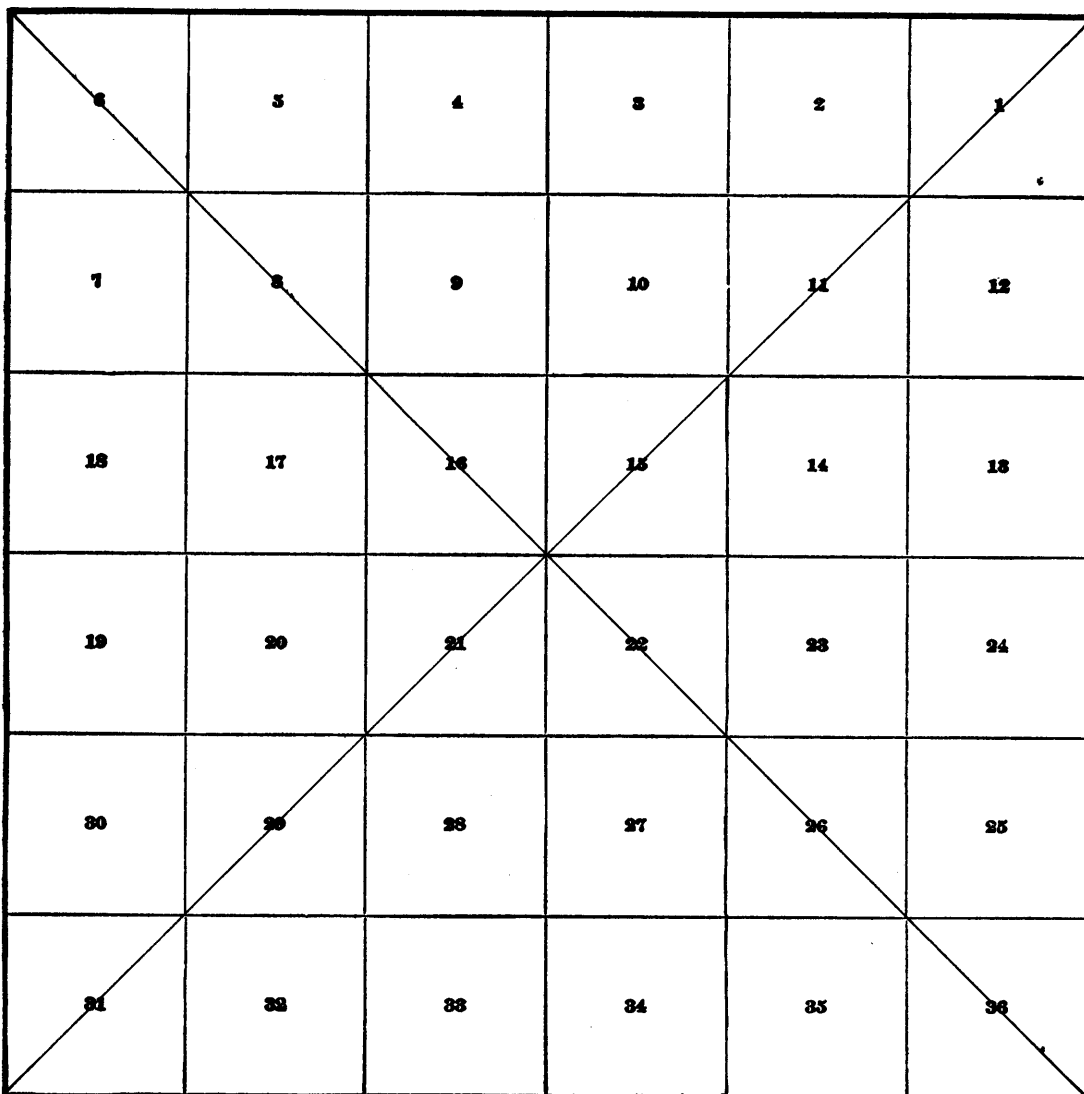
In the capacity of U. S. Surveyor, under Special Instructions dated December 1, 1931, issued by the District Cadastral Engineer to govern surveys included in Group No. 172, which were approved by the Commissioner of the General Land Office December 29, 1931, and Assignment Instructions dated December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

Survey commenced March 22, 1932.

Survey completed April 25, 1932.

INDEX DIAGRAM.

Township _____, *Range* _____



BOOK 3970
4-679 b

INDEX DIAGRAM.

Township 12 S., Range 17 E.

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Chains

The subdivisional survey of township 12 south, range 17 east, was executed with a light mountain solar 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 east boundary of township 13 south, range 16 east, and south and west boundaries of township 12 south, range 17 east, surveyed under this group.

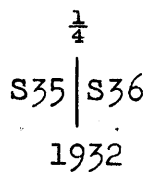
I commence the subdivisional survey at the ^{point for} cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., the ^{Wit. cor. for} which is described in the field notes of the S. bdy. of this Tp., surveyed under this group.

N.0°01'W., bet. secs. 35 and 36.

Over mountainous land, through scattering timber and undergrowth.

Ascend 35 ft. over SW. slope.

- 3.12 Spur, slopes W.; desc. 63 ft. over NW. slope.
- 6.06 Rocky wash, 20 lks. wide, course SW.; asc. 46 ft. over SE. slope,
- 8.80 Spur, slopes W.; desc. 20 ft. over NW. slope.
- 10.18 Ravine, course SW.; asc. 87 ft. over rocky SE. slope.
- 17.85 Rocky spur, slopes W.; desc. 81 ft. over N. slope.
- 21.87 Ravine, course NW.; asc. 73 ft. over SW. slope.
- 34.50 Spur, slopes NW.; desc. 84 ft. over NE. 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 $\frac{1}{4}$ sec. cor. with brass cap mkd.



from which

A black oak, 5 ins. diam., bears S.48°E., 31 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A white oak, 10 ins. diam., bears S.71 $\frac{1}{4}$ °W., 76 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

Descend 97 ft. over N. slope.

- 47.86 Wash, 15 lks. wide, course W.; asc. 45 ft. over S. slope.
- 52.50 Top of ascent; continue along broken W. slope.
- 67.50 Spur, slopes NW.; desc. 74 ft. along broken E. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock over cross X, mkd. at true point for cor. and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

Chains

T12S	R17E
S 26	S 25
S 35	S 36
1932	

from which

A white oak, 10 ins. diam., bears N. 31 1/4° E., 55 lks. dist., mkd. T 12 S R 17 E S 25 B T.

A juniper, 12 ins. diam., bears S. 11 1/4° E., 46 lks. dist., mkd. T 12 S R 17 E S 36 B T.

A juniper, 4 ins. diam., bears S. 74 1/2° W., 75 lks. dist., mkd. B T.

A black oak, 5 ins. diam., bears N. 54 1/2° W., 10 lks. dist., mkd. T 12 S R 17 E S 26 B T.

Land, mountainous.
Soil, sandy and gravelly; 3rd rate.
Timber, scattering juniper and oak; undergrowth scattering mesquite, catclaw, cactus and yucca.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect E. bdy. of Tp., 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. diam., standing firmly 6 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, mkd. and witnessed as described in the official record.

Thence.

S. 89° 55' W., on a true line, bet. secs. 25 and 36.

Over rolling land, through scattering timber and undergrowth.

Descend 73 ft. over NW. slope.

7.11 Ravine, course SW.; asc. 25 ft.

8.28 Top of ascent; desc. 84 ft. over broken SW. slope.

22.48 Wash, 10 lks. wide, course SW.; asc. 29 ft. over SE. slope.

39.50 Spur, slopes S.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S 25
	—
	S 36
	1932

from which

A mesquite, 4 ins. diam., bears N. 44 1/2° W., 192 lks. dist., mkd. 1/4 S 25 B T.

A mesquite 5 ins. diam., bears N. 12 3/4° W., 186 lks. dist., mkd. 1/4 S 25 B T.

Chains	Descend 103 ft. over W. slope.
54.22	Wash, 15 lks. wide, course S.; continue descending 33 ft. over SW. slope.
65.18	Wash, 30 lks. wide, with small creek 2 lks. wide, course NW. Ascend 52 ft. over NE. slope.
70.00	Spur, slopes N.; desc. 60 ft. over W. slope.
74.78	Ravine, course N.; asc. 118 ft. over NE. slope.
79.98	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sandy and gravelly 3rd rate. Timber, scattering oak and mesquite; undergrowth catclaw.
	N. 0° 01' W., bet. secs. 25 and 26.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 160 ft. over NE. slope.
13.00	Wash, 50 lks. wide, course W.; asc. 16 ft. over S. slope.
15.00	Low spur, slopes W.; desc. 30 ft. over NW. slope.
18.90	Same wash, 50 lks. wide, course NE.; asc. 13 ft. over SE. slope.
21.00	Spur, slopes E.; desc. 26 ft. over NE. slope.
24.30	Same wash, course W.; asc. 16 ft. over S. slope.
26.10	Top of ascent; desc 15 ft.
27.10	Ravine, course W.; asc. 201 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S26 S25 1932
	from which
	A mesquite, 5 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 172 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A mesquite 5 ins. diam., bears S. 55° W., 94 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.
	Ascend 84 ft. over S. slope.
42.70	Spur ridge, slopes W.; desc. 416 ft. over N. slope.
58.50	Bullock Creek, 100 lks. wide, course E.; asc. 306 ft. over S. slope.
66.00	Top of ascent; continue along top of spur, slopes S.
75.50	Leave spur,; desc. 34 ft. over NE. slope.

Chains. 80.00	<p>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 cor. of secs. 23, 24, 25 and 26, with brass cap mkd.</p> <p style="text-align: center;">T12S R17E S 23 S 24 S 26 S 25 1932</p> <p style="text-align: right;">from which</p> <p>A mesquite, 5 ins. diam., bears N. 84° E., 133 lks. dist., mkd. T 12 S R 17 E S 24 B T.</p> <p>A mesquite 4 ins. diam., bears S. 68° E., 96 lks. dist., mkd. T 12 S R 17 E S 25 B T.</p> <p>A mesquite 3 ins. diam., bears S. 67½° W., 141 lks. dist., mkd. B T.</p> <p>A mesquite 3 ins. diam., bears N. 57½° W., 58 lks. dist., mkd. B T.</p> <p>Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering juniper, sycamore, oak and mesquite. Undergrowth, catclaw, yucca and cactus.</p>
40.00	<p>N. 89° 55' E., on a random line bet. secs. 24 and 25.</p> <p>Set temp. ¼ sec. cor.</p>
79.98	<p>Intersect E. bdy. of Tp., 12 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. diam., standing firmly 12 ins. above ground, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>S. 89° 50' W., on a true line, bet. secs. 24 and 25.</p> <p>Over mountainous land, through scattering timber and undergrowth.</p> <p>Ascend 169 ft. over NE. slope.</p>
13.00	Spur, slopes N.; desc. 74 ft. over W. slope.
16.08	Ravine, course N.; asc. 166 ft. over NE. slope.
22.88	Trail, bears SE. and NW.
24.58	Top of spur, slopes N.; desc. 354 ft. over SW. slope.
34.68	Ravine, course NW.; asc. 14 ft. over NE. slope.
37.68	Low spur, slopes N.; desc. 94 ft. over NW. slope.
39.38	Same ravine, course SW.; asc. 10 ft. over SE. slope.
39.99	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 24 ¼ ——— S 25 1932</p> <p style="text-align: right;">from which</p>

Chains	A juniper, 24 ins. diam., bears S. 54 $\frac{1}{2}$ ° E., 134 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A mesquite, 18 ins. diam., bears S. 87 $\frac{1}{2}$ ° W., 67 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
40.88	Ravine, course NW.; asc. 10 ft.
41.38	Point of spur, slopes N.; desc. 17 ft. over NW. slope.
42.78	Enter Bullock Creek wash course N.
45.38	Bullock Creek, 10 lks. wide, course N.
47.93	Leave Bullock Creek wash, course N.; asc. 42 ft. over E. slope.
50.00	Point of spur, slopes S.; desc. 35 ft. over SW. slope.
57.28	Bullock Creek, 50 lks. wide, course SE.
64.43	Same creek, course NE.; asc. 81 ft. over SE. slope.
67.18	Spur, slopes S.; desc. 16 ft. over SW. slope.
70.00	Ravine, course SE.; asc. 249 ft. over NE. slope.
79.98	The cor. of secs. 23, 24, 25 and 26.

Land, mountainous.
 Soil, sandy and stony; 3rd rate.
 Timber, scattering oak, juniper sycamore and mesquite.
 Undergrowth, catclaw, greasewood, cactus and yucca.

N. 0° 01' W., bet. secs. 23 and 24.

Over mountainous land, through scattering timber and undergrowth.

Descend 116 ft. over NE. slope.

6.10	Ravine course SE.; asc. 154 ft. over S. slope.
16.00	Spur, slopes SE.; desc. 25 ft. over NE. slope.
19.60	Ravine, course SE.; asc. 88 ft. over SW. slope.
26.80	Low divide, bears NE. and SW.; desc. 60 ft. over NW. slope.
32.50	Ravine, course W.; asc. 161 ft. over SW. slope.
38.00	Old stone house, bears W. about 12.00 chs. dist.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a sandstone 10x6x 3 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.

$\frac{1}{4}$
 S23 | S24

1932

No suitable accessory.

Chains Ascend 13 ft. over S. slope.
 40.85 Top of W. slope of high spur.; desc. 280 ft. over NW. slope.
 56.75 Wash, 20 lks. wide, course NE.; asc. 124 ft. over NE. slope.
 62.40 Low spur, slopes NE.; desc. 119 ft. over N. slope.
 66.70 Old road, bears E. and W.
 68.20 Ravine, course NE.; asc. 53 ft. over SE. slope.
 71.20 Spur, slopes NE.; desc. 183 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a limestone 20x8x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

T12S R17E
 S 14 | S 13
 S 23 | S 24
 1932

No suitable accessory.

Land, mountainous.
 Soil, sandy and stony; 3rd rate.
 Timber, scattering juniper and mesquite; undergrowth, cat-claw, mesquite, greasewood and cactus.

N. 89° 50' E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect E. bdy. of Tp., 3 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., standing firmly 12 ins. above ground, marked and witnessed as described in the official record.
 Thence
 S. 89° 49' W., on a true line, bet. secs. 13 and 24.
 Over mountainous land, through scattering timber and undergrowth.
 Ascend 37 ft. over NE. slope.
 5.20 Spur, slopes SE.; desc. 113 ft. over SW. slope.
 21.40 Bottom of descent; asc. 36 ft.
 37.43 Head of ravine, course S.; continue along S. slope.
 40.01 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 13
 S 24
 1932

from which

Cottonwood, 10 ins. diam., bears S. 20° E., 122 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

A juniper, 6 ins. diam., bears N. 2 $\frac{1}{2}$ ° W., 80 lks. dist., mkd.

Chains	$\frac{1}{4}$ S 13 B T.
	Descend 36 ft. over SW. slope.
44.28	Bushman Creek, 20 lks wide, in wash 100 lks. wide, course SE.
45.76	Old road, bears SE. and NW.; asc. 178 ft. over NE. slope.
56.80	Spur, slopes N.; desc. 29 ft. over NW. slope.
61.28	Ravine, course NE.; asc. 120 ft. over NE. slope.
69.00	Top of ascent; continue along broken N. slope.
80.03	The cor. of secs. 13, 14, 23 and 24.
	Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering juniper, oak, cottonwood and mesquite. Undergrowth, catclaw, greasewood, cactus and yucca.
	N. 0° 01' W., bet. secs. 13 and 14.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 28 ft. over NE. slope.
.90	Ravine, course E.; asc. 47 ft. over SE. slope.
5.20	Spur, slopes E.; desc. 245 ft. over N. slope.
12.10	Road, bears E. and W.
21.14	Bushman Creek wash, 100 lks. wide, course E.; asc. 449 ft. over S. slope.
40.00	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. with brass cap mkd.
	$\frac{1}{4}$ S14 S13 1932
	from which
	A mesquite, 4 ins. diam., bears S. $13\frac{3}{4}$ ° E., 104 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
	A mesquite 10 ins. diam., bears N. $16\frac{3}{4}$ ° W., 200 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
	Ascend 14 ft. over S. slope.
45.62	Wire fence on ridge, bears S. 80° E., and N. 80° W.; desc. 234 ft. over NE. slope.
56.10	Gulch, course S. 70° E.; asc. 274 ft. over SW. slope.
67.70	Ridge, bears E. and W.; desc. 311 ft. over N. slope.
75.35	An oak post, 4x4 ins. standing 12 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, mkd. on NW. face Wallie bears S. 9° 23' E., 206 lks. dist.

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T12S R17E
S 11 | S 12
S 14 | S 13
1932

from which

A mesquite, 7 ins. diam., bears N. 6 1/2° E., 176 lks. dist., mkd. T 12 S R 17 E S 12 B T.

A white oak, 10 ins. diam., bears S. 82 1/2° E., 97 lks. dist., mkd. T 12 S R 17 E S 13 B T.

A white oak, 10 ins. diam., bears S. 22 1/2° W., 89 lks. dist., mkd. T 12 S R 17 E S 14 B T.

A buck thorn, 4 ins. diam., bears N. 53 3/4° W., 66 lks. dist. mkd. T 12 S R 17 E S 11 B T.

Land, mountainous.

Soil, sandy and stony; 3 rd rate.

Timber, scattering juniper, mesquite, oak and buck thorn.

Undergrowth scattering catclaw, cactus, yucca and grease-wood.

N. 89° 49' E., on a random line, bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., standing firmly 6 ins. above the top of a mound of stone, 2 1/2 ft. base, 1 ft. high, marked and witnessed as described in the official record.

Thence

S. 89° 56' W., on a true line, bet. secs. 12 and 13.

Over mountainous land, through scattering undergrowth.

11.18 Ravine, course S.

12.60 Low spur, slopes SE.; desc. 21 ft. over SW. slope.

20.89 Wire fence, bears NE. and SW.

21.26 Wash, 50 lks. wide, course SE.; asc. 192 ft. over NE. slope.

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

S 12
1/4
S 13
1932

from which

A mesquite, 4 ins. diam., bears N. 67 3/4° E., 154 lks. dist., mkd. 1/4 S 12 B T.

A mesquite, 6 ins. diam., bears S. 24 1/2° W., 95 lks. dist., mkd. 1/4 S 13 B T.

Chains. Ascend 79 ft. over E. slope.
 47.46 Top of ascent; desc. 49 ft. over broken NW. slope.
 80.06 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, sandy and stony; 3rd rate.
 Timber, scattering mesquite; undergrowth catclaw, yucca,
 cactus and greasewood.

N. 0° 01' W., bet. secs. 11 and 12.
 Over mountainous land, through scattering timber and
 scattering undergrowth.
 Descend 37 ft. over N. slope.
 2.30 Wire fence in wash, 30 lks. wide, course E.; asc. 263 ft. over
 S. slope.
 16.00 Top of ridge, bears E. and W.; desc. 422 ft. over N. slope.
 36.90 Wash, 100 lks. wide, course E.; asc. 27 ft.
 38.00 Trail, bears E. and W.
 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.

$\frac{1}{4}$
 S11 | S12
 1932

from which

A cedar, 10 ins. diam., bears N. 72° E., 304 lks. dist., mkd.
 $\frac{1}{4}$ S 12 B T.

A cedar, 12 ins. diam., bears N. 88 $\frac{1}{4}$ ° W., 146 lks. dist.,
 mkd. $\frac{1}{4}$ S 11 B T.

Ascend 35 ft. over S. slope.
 43.60 Wire fence, bears E. and W.
 43.80 Spur, slopes E.; desc. 22 ft. over NE. slope.
 45.53 Ravine, course SE.; asc. 113 ft. over SW. slope.
 55.00 Spur, slopes SE.; continue ascending 29 ft. along E. slope.
 66.84 Ravine, course SE.; asc. 131 ft. over SW. slope.
 74.50 Spur, slopes SE.; desc. 35 ft. over NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 1, 2, 11 and 12, with brass cap
 mkd.

T12S R17E
 S 2 | S 1
 S 11 | S 12
 1932

from which

Chains	<p>A mesquite, 10 ins. diam., bears N. $42\frac{1}{4}^{\circ}$ E., 117 lks. dist., mkd. T 12 S R 17 E S 1 B T.</p> <p>A mesquite, 8 ins. diam., bears S. 5° E., 124 lks. dist., mkd. T 12 S R 17 E S 12 B T.</p> <p>A mesquite, 8 ins. diam., bears S. $38\frac{3}{4}^{\circ}$ W., 214 lks. dist., mkd. T 12 S R 17 E S 11 B T.</p> <p>A mesquite, 6 ins. diam., bears N. 12° W., 120 lks. dist., mkd. T 12 S R 17 E S 2 B T.</p> <p>Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering oak, cedar and mesquite; undergrowth scattering catclaw, yucca, cactus and greasewood.</p>								
	<p>N. $89^{\circ}56'$ E., on a random line, bet. secs. 1 and 12.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.08 Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., standing firmly $\frac{1}{4}$ ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>S. $89^{\circ}52'$ W., on a true line, bet. secs. 1 and 12.</p> <p>Over mountainous land, through scattering undergrowth.</p> <p>.80 Draw, course N.; asc. 263 ft. over NE. slope.</p> <p>13.78 Road, bears SE. and NW.</p> <p>15.60 Top of spur, slopes SE.; desc. 106 ft. over SW. slope.</p> <p>23.81 Wash, 20 lks. wide, course SE.; asc. 203 ft. over NE. slope.</p> <p>40.04 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.</p> <div style="text-align: center;"> <table> <tr><td></td><td>S 1</td></tr> <tr><td>$\frac{1}{4}$</td><td>—</td></tr> <tr><td></td><td>S 12</td></tr> <tr><td></td><td>1932</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>A mesquite, 4 ins. diam., bears S. $0^{\circ}30'$ E., 175 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.</p> <p>A mesquite, 6 ins. diam., bears N. 73° W., 79 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.</p> <p>41.00 Top of spur ridge, bears SE. and NW.; desc. 215 ft. over SW. slope.</p> <p>48.08 Ravine, course SW.; asc. 83 ft. over SE. slope.</p> <p>53.08 Point of spur, slopes S.; desc. 141 ft. over SW. slope.</p> <p>59.85 Wash, 30 lks. wide, course SE.</p> <p>61.92 Wire fence, bears SE. and NW.; asc. 213 ft. over SE. slope.</p>		S 1	$\frac{1}{4}$	—		S 12		1932
	S 1								
$\frac{1}{4}$	—								
	S 12								
	1932								

Chains.

68.58 Spur, slopes SE.; desc. 10 ft. over SW. slope.

77.50 Head of ravine, course SE.; asc. 92 ft. over NE. slope.

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

Land, mountainous.
Soil, sandy and stony; 3rd rate.
Timber, none; undergrowth scattering mesquite, catclaw, yucca
greasewood and cactus.

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

40.00 Set temp. 1/4 sec. cor.

77.99 Intersect N. bdy. of Tp., 2 1/4 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, 2 ins. diam., standing firmly 6 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

S. 0° 09' W., on a true line, bet. secs. 1 and 2.

Over rolling land through scattering mesquite.

Ascend 22 ft. along E. slope.

3.00 Low spur, slopes SE.; desc. 45 ft. over SW. slope.

10.40 Draw, course E.; asc. 49 ft. over NE. slope.

12.50 Low spur, slopes E.; desc. 27 ft. over SE. slope.

13.90 Base of descent, bears NE and SW.; continue over level land.

18.29 Wash, 30 lks. wide, course NE.; asc. 170 ft. over N. slope.

22.29 Draw, course NE.

22.93 Fence, bears SE. and NW.

37.99 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 1/4 sec. cor. with brass cap mkd.

1/4

S2 | S1

1932

from which

A mesquite, 4 ins. diam., bears S. 49° E., 225 lks. dist., mkd. 1/4 S 1 B T.

A mesquite, 6 ins. diam., bears N. 69° W., 164 lks. dist., mkd. 1/4 S 2 B T.

Ascend 36 ft. over N. slope.

43.56 Road on low ridge, bears E. and W.; gate in fence, bears E. 100 lks. dist.; desc. 29 ft. over S. slope.

47.59 Head of draw, course SE.; continue along E. slope.

Chains.	
55.90	Descend 13 ft. over S. slope.
58.81	Wash, 10 lks. wide, course E.; asc. 53 ft. over N. slope.
63.00	Low spur, slopes E.; desc. 4 ft. over S. slope.
66.39	Draw, course E.; asc. 143 ft. over N. slope.
73.59	Spur, slopes E.; desc. 35 ft. along E. slope.
77.99	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling. Soil, sandy and stony; 3rd rate. No timber; undergrowth, scattering mesquite and catclaw.
	Thence from the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of this T., surveyed under this group. N. 0° 01' W., bet. secs. 34 and 35.
	Over mountainous land, through, scattering timber and undergrowth.
	Descend 122 ft. over NE. slope.
3.40	Ravine, course NE.; asc. 116 ft. over SW. slope.
14.70	Spur, slopes SE.; desc. 298 ft. over NW. slope.
30.00	Right bank of Bullock Creek, wash, course E.
30.60	Bullock Creek, 10 lks. wide, course E.
31.20	Left bank of Bullock Creek wash, course E.; asc. 27 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 $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S34 S35 1932
	from which
	A mesquite, 5 ins. diam., bears N. 44 $\frac{1}{2}$ ° E., 94 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.
	A mesquite, 12 ins. diam., bears N. 11 $\frac{3}{4}$ ° W., 180 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.
	Ascend 94 ft. over SE. slope.
51.50	Spur, slopes E.; desc. 62 ft. over N. slope.
53.92	Ravine, course E.; asc. 68 ft. over SE. slope.
56.60	Short spur, slopes E.; desc. 94 ft. over NE. slope.
62.40	Gulch, course SE.; asc. 121 ft. over SW. slope.
72.70	Ridge, bears E. and W.; desc. 8 ft. over N. slope.

Chains.
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 cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

T12S R17E
S 27 | S 26
S 34 | S 35
1932

from which

An oak, 10 ins. diam., bears N. 67 1/2° E., 46 lks. dist., mkd.
T 12 S R 17 E S 26 B T.

An oak, 18 ins. diam., bears S. 73° E., 185 lks. dist., mkd.
T 12 S R 17 E S 35 B T.

An oak, 12 ins. diam., bears S. 36 1/4° W., 279 lks. dist., mkd.
T 12 S R 17 E S 34 B T.

An oak, 10 ins. diam., bears N. 58 3/4° W., mkd.
T 12 S R 17 E S 27 B T.

Land, mountainous.
Soil, sandy and stony; 3rd rate.
Timber, scattering oak, juniper, hackberry and sycamore.
Undergrowth, catclaw, cactus, mesquite and greasewood.

East, on a random line, bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S. 89° 58' W., on a true line, bet. secs. 26 and 35.

over mountainous land, through scattering timber and undergrowth.

Ascend 31 ft. over NE. slope.

8.00 Spur, slopes NE.; desc. 165 ft. over SW. slope.

18.14 Gulch, course NW.; asc. 104 ft. over NE. slope.

29.20 Spur, slopes N.; desc. 137 ft. over W. slope.

36.10 Wash, 20 lks. wide, course N.

38.58 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness 1/4 sec. cor. with brass cap mkd.

WC 1/4 S 26
S 35
1932

from which

A hackberry, 10 ins. diam., bears N. 57 1/2° E., 92 lks. dist., mkd. WC 1/4 S 26 B T.

A hackberry, 6 ins. diam., bears S. 81 3/4° E., 70 lks. dist., mkd. WC 1/4 S 35 B T.

Chains	
40.03	True point for $\frac{1}{4}$ sec.cor.falls in Bullock Creek wash.
41.90	Trail in wash,bears NE.and SW.
42.10	Left bank of Bullock Creek wash,course NE.;asc.114 ft. over SE.slope.
51.10	Spur,slopes S.;desc.52 ft.over SW.slope.
54.43	Ravine,course SE.;asc.215 ft.over NE.slope.
68.90	Spur,slopes SE.;desc.96 ft.over SW.slope.
79.07	Ravine,course SE.;asc.21 ft.over NE.slope.
80.06	The cor.of secs.26,27,34 and 35.

Land,mountainous.
Soil,sandy and stony;3rd rate.
Timber,scattering,oak,juniper,hackberry and sycamoue.
Undergrowth,mesquite,catclaw,greasewood and cactus.

N.0°01'W.,bet.secs.26 and 27.

Over mountainous land,through scattering timber and undergrowth.

Descend 14 ft.over NE.slope.

.98 Ravine,course SE.;asc.81 ft.over SW.slope.

11.20 Spur,slopes E.;desc.29 ft.over N.slope.

16.20 Wash,15 lkswide,course E.;asc.46 ft.over S.slope.

23.40 Spur slopes E.;desc.36 ft.over N.slope.

25.20 Wash,15 lks.wide,course E.;asc.18 ft.over S.slope.

30.70 Ridge,bears E.and W.;desc.37 ft.over N.slope.

38.00 Ravine,course NE.

38.20 Trail,bears NE.and SW.

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

$\frac{1}{4}$
S27 | S26
1932

from which

A black oak,14 ins.diam.,bears N.36³/4°E.,61 lks.dist, mkd. $\frac{1}{4}$ S 26 B T.

A black oak,6 ins.diam.,bears N.79 $\frac{1}{2}$ °W.,70 lks.dist., mkd. $\frac{1}{4}$ S 27 B T.

Descend 13 ft.over N.slope.

42.20 Wash,20 lks.wide,course E.;asc.41 ft.over S.slope.

47.60 Spur,slopes SE.;desc.28 ft.over NE.slope.

- Chains.
- 55.38 Ravine, course SE.; asc. 180 ft. over SW. slope.
- 66.50 Spur, slopes E.; desc. 32 ft. over N. slope.
- 70.50 Wash, 15 lks. wide, course SE.; asc. 81 ft. over S. slope.
- 73.30 Trail, bears NE. and SW.
- 79.75 Ridge, bears SE. and NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

T12S R17E
 S 22 | S 23
 S 27 | S 26
 1932

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

Land, mountainous.
 Soil, sandy and stony; 3rd rate.
 Timber, scattering oak, juniper and mesquite; undergrowth,
 catclaw, cactus, greasewood and yucca.

N. 89° 58' E., on a random line, bet. secs. 23 and 26.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.24 Intersect N. and S. line 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
- Thence
- West, on a true line, bet. secs. 23 and 26.
- Over mountainous land, through scattering timber and undergrowth.
- Ascend 48 ft. over NE. slope.
- 2.34 Rocky spur, slopes SE.; asc. 181 ft. along broken S. slope.
- 25.84 Sharp rocky spur, slopes S. 50° E.; continue ascending 79 ft.
- 40.12 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.

$\frac{1}{4}$ S 23
 S 26
 1932

from which

A mesquite, 4 ins. diam., bears N. 2° E., 227 lks. dist., mkd.
 $\frac{1}{4}$ S 23 B T.

A juniper, 4 ins. diam., bears S. 30° W., 361 lks. dist., mkd.
 $\frac{1}{4}$ S 26 B T.

Ascend 117 ft. over SE. slope.

- 51.36 Divide, bears NE. and SW.; desc. 130 ft. over NW. slope.

Chains.	
70.24	Old road, bears NE. and SW.
73.24	Wash, 20 lks. wide, course NE.; asc. 161 ft. over E. slope.
79.24	Trail, bears SE. and NW.
80.24	The cor. of secs. 22, 23, 26 and 27.
	Land, mountainous. Soil, sandy and rocky; 3rd rate. Timber, scattering juniper, oak and mesquite; undergrowth, scattering catclaw, cactus, greasewood and yucca.
	N. 0° 01' W., bet. secs. 22 and 23.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 20 ft. along E. slope.
3.30	Old road, bears SE. and NW.
6.65	Spur, slopes E.; desc 51 ft. over NE. slope.
11.60	Head of gulch, course SE.; asc. 34 ft. over SW. slope.
17.60	Spur, slopes E.; desc. 86 ft. over N. slope.
19.80	Head of gulch, course E.; asc. 107 ft. over S. slope.
26.70	Old road, bears NE. and SW. on high ridge.; desc. 208 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.
	$\frac{1}{4}$ $\begin{array}{c} \text{S22} \mid \text{S23} \\ \hline 1932 \end{array}$
	from which
	An oak, 12 ins. diam., bears N. 89° E., 50 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.
	An oak, 14 ins. diam., bears S. 88° W., 57 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	Descend 116 ft. over NW. slope.
54.41	Wash, 20 lks. wide, course NE.; asc. 133 ft. over SE. slope.
70.00	Spur, slopes NE.; desc. 292 ft. over NW. slope.
79.70	Rocky ravine, course NE.
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. 14, 15, 22 and 23, with brass cap mkd.

Chains

T12S R17E
S 15 | S 14
S 22 | S 23
1932

from which

A white oak, 14 ins.diam., bears N. $64\frac{3}{4}^\circ$ E., 107 lks. dist., mkd. T 12 S R 17 E S 14 B T.

A white oak, 12 ins.diam., bears S. 32° E., 68 lks. dist., mkd. T 12 S R 17 E S 23 B T.

A white oak, 12 ins.diam., bears S. $23\frac{1}{2}^\circ$ W., 44 lks. dist., mkd. T 12 S R 17 E S 22 B T.

No other suitable accessory.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattering juniper and oak; undergrowth, scattering mesquite, catclaw, cactus, greasewood, cactus and mahogany.

East, on a random line, bet. secs. 14 and 23.

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

80.00 Intersect N. and S. line, 13 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence

N. $89^\circ 54'$ W., on a true line, bet. secs. 14 and 23.

Over mountainous land, through scattering timber and undergrowth.

3.51 Ravine, course N. 80° E.; asc. 151 ft. over SE. slope.

9.70 Old road, bears NE. and SW. on spur, sloping NE.; continue along N. slope of spur.

14.68 Ravine, course NE.; asc. 203 ft. over SE. slope.

21.80 Old road, bears NE. and SW. on spur, slopes NE.; desc. 201 ft. over NW. slope.

27.80 Ravine, course N.; asc. 103 ft. over NE. slope.

34.90 Spur, slopes N.; desc. 120 ft. over NW. slope.

36.50 Trail, bears NE. and SW.

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 $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 14
 $\frac{1}{4}$ ———
S 23
1932

from which

A juniper, 6 ins.diam., bears N. $46\frac{1}{4}^\circ$ E., 158 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

A juniper, 12 ins.diam., bears S. $35\frac{1}{2}^\circ$ W., 196 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

Chains.	Descend 192 ft. over NW. slope.
49.50	Gulch, course N.; asc. 365 ft. over steep E. slope.
55.00	Ascend over SE. slope.
62.00	Spur, slopes NE.; desc. 168 ft. along N. slope.
70.40	Continue descending over NW. slope.
79.70	Rocky ravine, course NE.
80.00	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering juniper and oak; undergrowth, catclaw, mesquite, cactus, greasewood and yucca.
	N. 0° 01' W., bet. secs. 14 and 15.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 256 ft. over NE. slope.
12.00	Spur, slopes NE.; continue descending.
13.40	Kornkob Mine, bears E. about 50.00 chs. dist.
22.50	Buehman Creek, 50 lks. wide, course NE.; asc. 152 ft. over SE. slope.
24.00	Forest Service Telephone Line, bears E. and W.
32.40	Spur, slopes SW.; desc. 17 ft. over NW. slope.
35.40	Ravine, course SW.; asc. 89 ft. over SE. 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.
	$\frac{1}{4}$ S15 S14 1932
	from which
	A mesquite, 10 ins. diam., bears S. 63 $\frac{1}{2}$ ° W., 52 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A juniper, 10 ins. diam., bears N. 56° W., 89 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	Ascend 358 ft. over steep S. slope.
54.90	Top of ridge, bears E. and W.; desc. 50 ft. over NE. slope.
55.60	Wire fence, bears E. and W.
59.70	Head of gulch, course E.; asc. 56 ft. over SE. slope.
70.42	Wire fence, bears E. and W. on ridge; desc. 72 ft. NW. slope.
73.11	Trail, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the

Chains

ground, deposit a sandstone 10x10x6 ins. mkd. X, at base of post, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T12S R17E
S 10 | S 11
S 15 | S 14
1932

from which

An oak, 12 ins. diam., bears N. 45 1/2° E., 292 lks. dist., mkd. T 12 S R 17 E S 11 B T.

A mesquite, 4 ins. diam., bears S. 25 1/2° E., 14 lks. dist., mkd. T 12 S R 17 E S 14 B T.

A mesquite, 3 ins. diam., bears N. 35° W., 55 lks. dist., mkd. B T.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattering juniper, oak, hackberry, sycamore and mesquite; undergrowth, catclaw, greasewood, cactus and yuca.

S. 89° 54' E., on a random line, bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 11, 12 13 and 14.

Thence

West, on a true line, bet. secs. 11 and 14.

Over mountainous land, through scattering timber and undergrowth.

Descend 12 ft. along N. slope.

5.20 Wire fence, bears N. 70° E., and S. 70° W.

7.50 Rocky gulch, course NE.; asc. 222 ft. over SE. slope.

22.60 Spur, slopes SE.; desc. 23 ft. over SW. slope.

27.60 Draw, course SE. *Asc.* 180 ft.

38.60 Top of ascent; continue over level mesa land.

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

S 11
1/4 ———
S 14
1932

from which

A mesquite 3 ins. diam., bears S. 5° W., 83 lks. dist., mkd. 1/4 S 14 B T.

A mesquite, 4 ins. diam., bears N. 25° W., 128 lks. dist., mkd. 1/4 S 11 B T.

Continue over level mesa land.

61.10 Wire fence, bears NE. and SW.

Chains

77.50

Leave mesa, bears NE. and SW.; desc. 56 ft. over NW. slope.

80.08

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

Land, mountainous.

Soil, sandy and stony; 3rd rate.

Timber, scattering mesquite; undergrowth catclaw, cactus and greasewood.

N. 0° 01' W., bet. secs. 10 and 11.

Over mountainous land, through scattering timber and undergrowth.

Descend 287 ft. over NW. slope.

22.30

Wash, 20 lks. wide, course NE.; asc. 108 ft. over SE. slope.

32.00

Sharp rocky spur, slopes E.; desc. 174 ft. over NE. slope.

36.40

Dead Horse Gulch, course SE.; asc. 163 ft. over SW. 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. $\frac{1}{4}$

S10 | S11

1932

from which

O. B. Parker's Windmill, bears S. 56° 06' W., about 20.00 chs. dist., ranch house bears 2.00 chs. N. of windmill.

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

Ascend 68 ft. over SW. slope.

41.75

Continue ascending along SE. slope.

47.60

Trail on ridge, bears NE. and SW.; desc. 193 ft. over NW. slope.

54.40

Bend in wash, 20 lks. wide, from W. course NW.; asc. SW. slope.

57.30

Same wash, course E.; asc. 149 ft. over SE. slope.

58.50

S. end of limestone ledge.

62.60

Spur, slopes E.; desc. 100 ft. over NE. slope.

69.86

Ravine, course E.; asc. 35 ft. over SE. slope.

72.50

Low spur, slopes E.; desc. 75 ft. over N. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.

T12S R17E

S 3 | S 2

S 10 | S 11

1932

from which

Chains

A mesquite, 4 ins. diam., bears N. $8\frac{1}{4}^{\circ}$ E., 52 lks. dist.,
mkd. T 12 S R 17 E S 2 B T.

A mesquite, 4 ins. diam., bears S. $49\frac{1}{2}^{\circ}$ E., 135 lks. dist.,
mkd. T 12 S R 17 E S 11 B T.

A mesquite, 4 ins. diam., bears S. $44\frac{1}{4}^{\circ}$ W., 102 lks. dist.,
mkd. T 12 S R 17 E S 10 B T.

A mesquite 4 ins. diam., bears N. $17\frac{3}{4}^{\circ}$ W., 96 lks. dist.,
mkd. T 12 S R 17 E S 3 B T.

Land, mountainous.

Soil, sandy and rocky; 4th rate.

Timber, scattering juniper and mesquite; undergrowth, cat-claw, mesquite, cactus, greasewood and yucca.

East, on a random line, bet. secs. 2 and 11.

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

80.02 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 1, 2,
11 and 12.

Thence

N. $89^{\circ}59'$ W., on a true line, bet. secs. 2 and 11.

Over rolling land, through scattering undergrowth.

Ascend 79 ft. over NE. slope.

10.72 Ridge, bears S. 80° E. and N. 80° W.; desc. 42 ft. over SW. slope.

17.52 Bottom of descent; asc. 59 ft. over SE. slope.

25.00 Same ridge, bears N. 20° E., and S. 20° W.

27.60 Road, bears N. 10° E., and S. 10° W.; desc. 117 ft. over
W. slope.

33.98 Draw, course N.

39.00 Road, SE and NW.

40.01 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.

S 2
 $\frac{1}{4}$ ———
S 11
1932

from which

A mesquite 4 ins. diam., bears N. $32\frac{1}{4}^{\circ}$ E., 68 lks. dist.,
mkd. $\frac{1}{4}$ S 2 B T.

A mesquite, 4 ins. diam., bears S. $66\frac{3}{4}^{\circ}$ E., 61 lks. dist.,
mkd. $\frac{1}{4}$ S 11 B T.

Ascend 11 ft. over E. slope.

41.50 Low ridge, bears S. 30° E., and N. 20° W.; desc. 129 ft. over W.
slope.

51.02 Draw, course S. 20° W.; asc. 84 ft. over SE. slope.

57.00 Top of ascent; asc. 17 ft. along S. slope.

Chains.	
64.60	Spur, slopes S.80°E.; desc.88 ft. over SW. slope.
77.12	Wash, 15 lks. wide, course S.45°E.; asc.28 ft. along N. slope.
80.02	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, sandy and gravelly; 3rd rate. No timber; undergrowth, scattering catclaw, mesquite, yucca cactus and greasewood.
	N.0°09'E., on a random line, bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.94	Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, 2 ins. diam., standing firmly 12 ins. above ground, marked and witnessed as described in the official record.
	Thence
	S.0°06'W., on a true line, bet. secs. 2 and 3.
	Over rolling land, through scattering undergrowth.
	Ascend 240 ft. over NE. slope.
25.94	Top of ascent on E. slope of Lone Hill.; desc. 137 ft. over S. slope.
37.94	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.
	$\frac{1}{4}$
	S3 S2
	1932
	raise a mound of
	stone, 3 ft. base, 2 ft. high W. of cor.
	Descend 92 ft. over S. slope.
49.44	Wash, 30 lks. wide, course SE.; asc. 29 ft. over NE. slope.
55.54	Trail, bears E. and W.
56.00	Spur, slopes E.; desc. 14 ft. over S. slope.
59.54	Ravine, 10 ft. deep, course E.; asc. 73 ft. over N. slope.
70.40	Ridge, bears E. and W.; desc. 73 ft. over S. slope.
71.55	Road, bears SE. and NW.
72.82	Trail, bears E. and W.
77.38	Wash, 20 lks. wide, course E.; asc. 15 ft. over N. slope.
77.94	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, sandy and stony; 3rd rate. No timber; undergrowth, scattering mesquite, catclaw, yucca, greasewood and cactus.

Chains. Thence from the cor.of secs.3,4,33 and 34, on the S.bdy. of the Tp., described in the field notes of the S.bdy. of this Tp., surveyed under this group. N.0°02'W., bet.secs.33 and 34.

Over mountainous land, through scattering timber and undergrowth.

Ascend 90 ft. over S. slope.

3.20 Spur, slopes E.; desc. 125 ft. over N. slope.

8.90 Ravine, course E.; asc. 221 ft. over rocky S. slope.

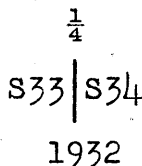
25.40 Ridge, bears E. and W.; desc. 279 ft. over N. slope.

36.10 Bullock Creek, 15 lks. wide, in wash 100 lks. wide, course E. Ascend 42 ft. over S. slope.

36.86 Trail, bears E. and W.

39.00 Old stone house, bears W. about 10.00 chs. dist.

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 $\frac{1}{4}$ sec. cor. with brass cap mkd.



from which

A black oak, 10 ins. diam., bears N. $41\frac{1}{4}^\circ$ E., 82 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

A black oak, 24 ins. diam., bears S. $30\frac{3}{4}^\circ$ E., 90 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

Ascend 83 ft. over S. slope.

47.50 Spur, slopes SE.; desc. 43 ft. over NE. slope.

54.00 Ravine, course SE.; asc. 163 ft. over SW. slope.

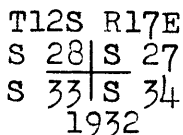
61.80 Spur, slopes SE.; desc. 119 ft. over NE. slope.

69.50 Short ravine, course E.; asc. 80 ft. over SE. slope.

72.30 Spur, slopes E.; desc. 67 ft. over NE. slope.

76.70 Rocky wash, 30 lks. wide, course SE.; asc. 63 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a sandstone 8x8x6 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.



from which

A mesquite, 4 ins. diam., bears N. $74\frac{1}{2}^\circ$ E., 33 lks. dist., mkd. T 12 S R 17 E S 27 B T.

Chains	<p>A mahogany, 10 ins. diam., bears N. $32\frac{1}{4}^{\circ}$ W., 116 lks. dist., mkd. T 12 S R 17 E S 28 B T.</p> <p>No other bearing trees available.</p> <p>Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, juniper, mahogany, sycamore, hackberry and mesquite; undergrowth, catclaw, cactus and yucca.</p>
	<p>East, on a random line, bet. secs. 27 and 34.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 26, 27, 34 and 35.
	Thence
	S. $89^{\circ}59'$ W., on a true line, bet. secs. 27 and 34.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 44 ft. over W. slope.
7.32	Ravine, course S.; asc. 79 ft. over SE. slope.
14.82	Spur, slopes SW.; desc. 115 ft. over NW. slope.
21.12	Wash, 50 lks. wide, course SW.; asc. 68 ft. over SE. slope.
37.70	Spur, slopes NE.; desc. 21 ft. over W. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., on bedrock over cross X, mkd. at true point for cor. and in a mound of stone to top, for $\frac{1}{4}$ sec. cor with brass cap mkd.
	$\begin{array}{r} S\ 27 \\ \frac{1}{4} \text{ ---} \\ S\ 34 \\ 1932 \end{array}$
	from which
	A juniper, 6 ins. diam., bears N. $2\frac{1}{2}^{\circ}$ E., 98 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.
	A black oak, 8 ins. diam., bears S. $44\frac{1}{2}^{\circ}$ W., 225 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.
	Descend 24 ft. over NW. slope.
44.02	Wash, 20 lks. wide, course NE.
48.12	Enter meadow, bears N. and S.
50.42	Trail, bears SE. and NW.
54.22	Leave meadow, bears N. and S.; asc. 96 ft. over NE. slope.
62.35	Spur, slopes SE.; desc. 70 ft. over SW. slope.
69.82	Ravine, course SE.; asc. 57 ft. over NE. slope.
73.50	Spur, slopes S.; desc. 15 ft. over SW. slope.
80.02	The cor. of secs. 27, 28, 33 and 34.

Chains. Land,mountainous.
Soil,sandy and rocky;4th rate.
Timber scattering oak,juniper,mahogany and mesquite.
Undergrowth,catclaw,greasewood,scrub oak and cactus.

N.0°02'W.,bet.secs.27 and 28.

Over mountainous land,through scattering timber and undergrowth.

Ascend 149 ft.over S.slope.

- 5.15 Point of rocky spur,slopes E.;desc.109 ft.over N.slope.
- 12.00 Wash,course SE.;asc.152 ft.over SW.slope.
- 26.60 Old road,bears SE.and NW.
- 28.30 U.S.Forest Service Telephone line,bears SE.and NW.
- 34.00 Spur,slopes E.;desc.86 ft.over N.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 $\frac{1}{4}$ sec.cor.with brass cap mkd.

$\frac{1}{4}$
S28 | S27
1932

from which

A white oak,14 ins.diam.,bears N.67°E.,138 lks.dist.,
mkd. $\frac{1}{4}$ S 27 B T.

A white oak,16 ins.diam.,bears S.58 $\frac{1}{2}$ °W.,61 lks.dist.,
mkd. $\frac{1}{4}$ S 28 B T.

Descend 29 ft.over N.slope.

- 41.38 Ravine,course SE.;asc.284 ft.over S.slope.
- 62.70 Divide,bears NE.and SW.;desc.54 ft.over NW.slope.
- 65.38 Head of gulch,course NW.;asc.143 ft.over SW.slope.
- 80.00 Set an iron post,3 ft.long,2 ins.diam.,on bedrock over cross X,mkd.at true point for cor.and in a mound of stone to top,for cor.of secs.21,22,27 and 28,with brass cap mkd.

T12S R17E
S 21 | S 22
S 28 | S 27
1932

from which

A white oak,24 ins.diam.,bears N.46 $\frac{3}{4}$ °E.,75 lks.
dist.,mkd.T 12 S R 17 E S 22 B T.

A white oak,14 ins.diam.,bears S.79°E.,86 lks.dist.,
mkd.T 12 S R 17 E S 27 B T.

A black oak,10 ins.diam.,bears S.6 $\frac{1}{2}$ °W.,99 lks.dist.,
mkd.T 12 S R 17 E S 28 B T.

Chains.	A black oak, 12 ins. diam., bears N. $7\frac{1}{2}^{\circ}$ W., 99 lks. dist., mkd. T 12 S R 17 E S 21 B T. Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, oak, juniper, mahogany and mesquite; undergrowth, catclaw, greasewood, cactus and yucca.
	N. $89^{\circ}59'$ E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence West, on a true line, bet. secs. 22 and 27. Over mountainous land, through scattering timber and undergrowth. Ascend 271 ft. over E. slope.
14.80	Top of ascent on S. side of peak,; desc. 66 ft. over SW. slope.
24.20	Head of ravine, course S.; asc. 279 ft. over SE. slope.
29.50	Quartz ledge, bears N. and S.
33.40	Top of high ridge, bears N. 70° E. and S. 70° W.; continue along N. slope.
40.02	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. with brass cap mkd. $\begin{array}{r} S\ 22 \\ \frac{1}{4} \\ \hline S\ 27 \\ 1932 \end{array}$ from which An oak, 18 ins. diam., bears N. $42\frac{1}{2}^{\circ}$ E., 110 lks. dist., mkd. $\frac{1}{4}$ S 22 B T. An oak, 12 ins. diam., bears N. 45° W., 260 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
41.80	Continue along rolling S. slope of ridge.
73.50	Divide, bears NE. and SW.; desc. 133 ft. over NW. slope.
80.04	The cor. of secs. 21, 22, 27 and 28. Land, mountainous. Soil, rocky; 4th rate. Timber, scattering oak and juniper; undergrowth scattering catclaw, cactus and yucca.
	N. $0^{\circ}02'$ W., bet. secs. 21 and 22. Over mountainous land, through scattering timber and undergrowth.

- Chains. Descend 41 ft. over NW. slope.
- 4.88 Ravine, course SW.; asc. 88 ft. over S. slope.
- 10.50. Top of spur, slopes SW.; desc. 223 ft. over NW. slope.
- 25.18 Ravine, course W.; asc. 88 ft. over SW. slope.
- 27.70 Spur, slopes W.; desc. 265 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.

$\frac{1}{4}$
 S21 | S22
 1932

from which

A black oak, 4 ins. diam., bears N. $63\frac{3}{4}^{\circ}$ E., 16 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

A black oak, 10 ins. diam., bears S. $44\frac{3}{4}^{\circ}$ W., 20 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.

Descend 185 ft. over NW. slope.

- 45.90 Burro Creek, 50 lks. wide, course NE.; asc. 57 ft. over SE. slope.
- 55.40 Spur, slopes E.; desc. 60 ft. over NE. slope.
- 59.00 Gulch, course E.; asc. 245 ft. over S. slope.
- 71.65 Spur, slopes SE.; desc. 80 ft. over NE. slope.
- 77.00 Head of ravine, course E.
- 80.00 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 cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

T12S R17E
 S 16 | S 15
 S 21 | S 22
 1932

from which

A white oak, 14 ins. diam., bears N. 68° E., 32 lks. dist., mkd. T 12 S R 17 E S 15 B T.

A white oak, 6 ins. diam., bears S. $77\frac{1}{4}^{\circ}$ E., 293 lks. dist., mkd. T 12 S R 17 E S 22 B T.

A mesquite, 6 ins. diam., bears S. $10\frac{3}{4}^{\circ}$ W., 141 lks. dist., mkd. T 12 S R 17 E S 21 B T.

A white oak, 15 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ W., 227 lks. dist., mkd. T 12 S R 17 E S 16 B T.

Land, mountainous.
 Soil, sandy and rocky; 4th rate.
 Timber, scattering oak, juniper, mahogany, sycamore and hackberry; undergrowth, catclaw, cactus and greasewood.

Chains.	East, on a random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 4 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence
	N. $89^{\circ}58'W.$, on a true line, bet. secs. 15 and 22.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 139 ft. over SE. slope.
4.60	Spur, slopes NE.; desc. 150 ft. over NW. slope.
15.20	Gulch, course NE.; asc. 195 ft. over SE. slope.
23.00	Spur, slopes NE.; desc. 203 ft. over NW. slope.
40.01	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. with brass cap mkd.
	$\begin{array}{r} S\ 15 \\ \frac{1}{4} \\ S\ 22 \\ 1932 \end{array}$
	from which
	A white oak, 12 ins. diam., bears N. $17^{\frac{3}{4}}E.$, 30 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A white oak, 10 ins. diam., bears S. $17^{\frac{1}{4}}E.$, 68 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
41.60	Ravine, course NE.; asc. 102 ft. over SE. slope.
45.60	Short spur, slopes N.; desc. 291 ft. over W. slope.
67.00	Burro Creek, 20 lks. wide, course NE.; asc. 260 ft. over NE. slope.
80.02	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous.
	Soil, sandy and gravelly; 3rd rate.
	Timber, scattering oak, juniper, mesquite, sycamore and hackberry; undergrowth catclaw, manzanita and cactus.
	N. $0^{\circ}02'W.$, bet. secs. 15 and 16.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 113 ft. over N. slope.
3.40	Ravine, course E.; asc. 116 ft. over S. slope.
9.30	Spur, slopes E.; desc. 388 ft. over N. slope.
25.14	Creek, 10 lks. wide, course E.; asc. 274 ft. over S. slope.
33.50	Continue over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins in the

Chains.

ground to bedrock,with a sandstone 22x10x8 ins.mkd.X, deposited at the base,and in a mound of stone to top, for 1/4 sec.cor.with brass cap mkd.

1/4
S16 | S15
1932

No suitable accessory.

Ascend 40 ft.over SW.slope.

43.57 Ridge,bears SE.and NW.;desc.310 ft.over NE.slope.

43.60 Brush Corral Ranger Station,bears N.16°20'W.

62.80 Buehman Creek, 10 lks.wide,in wash 100 lks.wide,course SE.;asc.107 ft.over broken SW.slope.

75.70 Point of rocky spur,slopes SW.;desc.3 ft.

76.70 Ravine,course SW.;asc.73 ft.over SE.slope.

79.60 U.S.Forest Service Telephone Line,bears E.and W.

80.00 Set an iron post,3 ft.long,2 ins.diam.,16 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 cor.of secs.9,10,15 and 16,with brass cap mkd..

T12S R17E
S 9 | S 10
S 16 | S 15
1932

from which

A mesquite,7 ins.diam.,bears S.14 1/4°E.,291 lks.dist., mkd.T 12 S R 17 E S 15 B T.

A mesquite 3 ins.diam.,bears S.62 3/4°W.,181 lks.dist. mkd.B T.

No other suitable accessories.

Land,mountainous.

Soil,sandy and gravelly;3rd rate.

Timber.scattering oak,juniper,hackberry,sycamore and mesquite;undergrowth catclaw and cactus.

S.89°58'E.,on a random line,bet.secs.10 and 15.

40.00 Set temp.1/4 sec.cor.

80.00 Intersect N.and S.line,2 lks.N.of the cor.of secs.10,11, 14 and 15.

Thence

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

Over mountainous land,through scattering timber and undergrowth.

Descend 213 ft.over NW.slope.

5.22 Ravine,course NW.

Chains.	
8.40	Trail, bears N. and S. on spur slopes N.; desc. 44 ft. over NW. slope.
11.33	Ravine, course NE.; asc. 42 ft. over SE. slope.
22.80	Same ravine, course SE.; asc. 127 ft. over NE. slope.
31.60	Fence, bears SE. and 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.
	$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ \hline S\ 15 \\ 1932 \end{array}$
	from which
	A mesquite, 8 ins. diam., bears S. $18\frac{3}{4}^{\circ}$ E., 137 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A mesquite, 4 ins. diam., bears N. $54\frac{3}{4}^{\circ}$ W., 112 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	Descend 53 ft. over NW. slope,
44.00	Ravine, course N. 30° E.; asc. 121 ft. over SE. slope.
48.50	Spur, slopes NE.; desc. 140 ft. over NW. slope.
54.33	U.S. Forest Service Telephone line, bears NE. and SW.
54.45	Wire fence, bears NE. and SW.
56.20	Head of Dead Horse Gulch, course NE.; asc. 87 ft. over SE. slope.
64.40	Wire fence, bears SE. and NW.
68.30	Ridge, bears N. and S.; desc. 144 ft. over SW. slope.
72.45	Trail, bears SE. and NW.
75.40	Same trail, bears NE. and SW.
77.10	Ravine, course SW.; asc. 32 ft. over SE. slope.
80.00	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous. Soil, sandy and gravelly; 3rd rate. Timber, scattering oak, juniper, mahogany and mesquite. Undergrowth, catclaw and cactus.
	N. $0^{\circ}02'$ W., bet. secs. 9 and 10.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 99 ft. over SE. slope.
4.20	Spur, slopes SW.; desc. 118 ft. over N. slope.
8.62	Wire fence, bears N. 70° E. and S. 70° W.
9.20	Ravine, course SW.; asc. 35 ft. over SE. slope.

Chains

- 11.40 Low spur, slopes SW.; desc. 20 ft.
- 14.90 Ravine, course SW.; asc. 256 ft. over S. slope.
- 16.74 Old road, bears NE. and SW.
- 25.00 Ridge, bears SE. and NW.; desc. 148 ft. over NE. slope.
- 31.50 Ravine, course NE.; asc. 6 ft.
- 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.

$\frac{1}{4}$
S9 | S10
1932

from which

A white oak, 26 ins. diam., bears N. 54° E., 80 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

A white oak, 18 ins. diam., bears N. 5 $\frac{1}{2}$ ° W., 79 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

Descend 10 ft.

- 41.10 Rocky wash, 10 lks. wide, course SE.; asc. 89 ft. over S. slope.
- 48.70 Spur, slopes E.; desc. 59 ft. over N. slope.
- 52.30 Ravine, course E.; asc. 137 ft. over SE. slope.
- 61.76 O.B. Parker's barn, bears S. 64° E. (barn 2 chs N. of windmill)
- 61.80 Ridge, bears NE. and SW.; desc. 211 ft. over NW. slope.
- 62.20 Trail, bears NE. and SW.
- 79.30 Wash, 30 lks. wide, course NE.; asc. 4 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

T12S R17E
S 4 | S 3
S 9 | S 10
1932

from which

A mesquite, 14 ins. diam., bears N. 25 $\frac{3}{4}$ ° E., 38 lks. dist., mkd. T 12 S R 17 E S 3 B T.

A white oak, 10 ins. diam., bears S. 15° E., 207 lks. dist., mkd. T 12 S R 17 E S 10 B T.

A mesquite, 5 ins. diam., bears S. 54 $\frac{3}{4}$ ° W., 48 lks. dist., mkd. T 12 S R 17 E S 9 B T.

A mesquite, 5 ins. diam., bears N. 51° W., 206 lks. dist., mkd. T 12 S R 17 E S 4 B T.

Land, mountainous.

Soil, sandy and stony; 3rd rate.

Timber, scattering oak, juniper and mesquite; undergrowth, catclaw, cactus and yucca.

Chains	S.89°57'E., on a random line, bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence
	S.89°59'W., on a true line, bet. secs. 3 and 10.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 200 ft. over broken NE. slope.
11.16	Draw, course NE.
21.46	Head of draw, course NE.
28.37	Road, bears SE. and NW.
30.00	Spur, slopes SE.; desc. 59 ft. over W. slope.
33.36	Wash, 20 lks. wide, course S.20°E.
39.98	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.
	$\frac{1}{4} \frac{S \ 3}{S \ 10}$ 1932
	from which
	A palo verde, 4 ins. diam., bears S.11 $\frac{1}{4}$ °W., 98 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	A mesquite, 4 ins. diam., bears N.34 $\frac{3}{4}$ °E., 108 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
	Descend 26 ft. over SW. slope.
42.96	Same wash, 20 lks. wide, course N.10°E.
45.22	Same wash, 20 lks. wide, course S.75°E.; asc. 230 ft. over broken NE. slope.
60.16	Fence, bears SE. and NW.
68.00	Spur, slopes NE.; desc. 94 ft. over NW. slope.
78.46	Wash, 20 lks. wide, course NE.
79.96	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous.
	Soil, sandy and gravelly; 3rd rate.
	Timber, scattering oak, juniper, pinon and mahogany; undergrowth, catclaw, manzanita, cactus and yucca.
	N.0°06'E., on a random line, bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.03	Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, 2 ins. diam., standing

Chains firmly 10 ins. above ground, marked and witnessed as described in the official record.

Thence

S.0°07'W., on a true line, bet. secs. 3 and 4.

Over mountainous land through scattering timber and undergrowth.

Ascend 18 ft. over N. slope.

1.30 Trail on ridge, bears E. and W.; desc. 212 ft. over S. slope.

4.73 Trail, bears E. and W.

13.12 Old pipe line, bears E. and W.

13.50 Wash, 20 lks. wide, course NE.; asc. 172 ft. over NW. slope.

19.50 Ridge, bears E. and W.; desc. 90 ft. over S. slope.

23.80 Ravine, course SE.; asc. 238 ft. over NE. slope.

38.03 True point for $\frac{1}{4}$ sec. cor. falls on solid rock.

38.09 Set an iron post .3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a limestone $1\frac{1}{2} \times 8 \times 3$ ins. mkd. X, deposited at the base and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd.

WC
 $\frac{1}{4}$
 S4 | S3
 1932

No suitable accessory.

Ascend 12 ft. over NE. slope.

41.20 Spur, slopes SE.; desc. 233 ft. over SW. slope.

51.60 Ravine, course E.; asc. 159 ft. over NE. slope.

64.50 Ridge, bears SE. and NW.; desc. 184 ft. over SW. slope.

72.90 Ravine, course SE.

78.03 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.
 Soil, sandy and gravelly; 3rd rate.
 Timber, scattering oak, juniper and mahogany; undergrowth,
 catclaw, cactus and mesquite.

Thence from the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., described in the field notes of the S. bdy. of this Tp., surveyed under this group.
 N.0°02'W., bet. secs. 32 and 33.

Over mountainous land, through scattering timber and undergrowth.

Descend 20 ft. over NW. slope.

1.50 Wash, 30 lks. wide, course SW; asc. 164 ft. over S. slope.

Chains.	
6.85	Continue ascending over SE.slope.
10.80	Spur, slopes E.; desc. 32 ft. over N.slope.
13.30	Head of draw, course E.; asc. 46 ft. over SE.slope.
20.20	Ridge, bears E. and W.; desc. 226 ft. over N.slope.
31.00	Bullock Creek wash, 20 lks. wide, course E.; asc. 86 ft. over S.slope.
33.90	Top of ascent; desc. 41 ft. over N.slope.
35.60	Ravine, course SW.; asc. 71 ft. SE.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.
	$\frac{1}{4}$ S32 S33 1932
	from which
	A white oak, 4 ins. diam., bears S. $55\frac{1}{2}^{\circ}$ W., 252 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.
	A black oak, 14 ins. diam., bears N. $76\frac{1}{4}^{\circ}$ W., 152 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.
	Ascend 39 ft. over S.slope.
41.10	Spur, slopes SE.; desc. 103 ft. over NE.slope.
45.55	Ravine, course E.; asc. 137 ft. over SE.slope.
55.30	Point of rocky spur, slopes E.; desc. 98 ft. over NE.slope.
60.90	Gulch, course SE.; asc. 493 ft. over SW.slope.
80.00	True point for cor. of secs. 28, 29, 32 and 33, falls on W. face of granite bluff, 40x20x10 ft. above ground. For description of Wit. Cor., see line bet. secs. 28 and 29. Land, mountainous. Soil, rocky; 4th rate. Timber, scattering oak, juniper, mahogany and mesquite. Undergrowth, catclaw, manzanita, palo verde and cactus,
	From the true point for cor. of secs. 28, 29, 32 and 33. East, on a random line, bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.15	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 27, 28, 33 and 34.
	Thence
	N. $89^{\circ}54'$ W., on a true line, bet. secs. 28 and 33.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 59 ft. over SW. Slope.

Chains.

7.65 Gulch, course SE.; asc. 182 ft. over NE. slope.

13.85 Spur, slopes SE.; desc. 18 ft. over SW. slope.

20.55 Ravine, course SE.; asc. 131 ft. over E. slope.

24.20 Spur, slopes S.; desc. 139 ft. over SW. slope.

34.43 Gulch, course SE.; asc. 188 ft. over E. slope.

40.07 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.

S 28
 $\frac{1}{4}$
S 33
1932

from which

A white oak, 10 ins. diam., bears N. $66\frac{1}{4}^\circ$ E., 101 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

A white oak, 12 ins. diam., bears S. 40° E., 115 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

Ascend 93 ft. over E. slope.

42.10 Spur, slopes S.; desc. 226 ft. over SW. slope.

52.15 Gulch, course SE.; asc. 464 ft. over NE. slope.

76.70 Spur, slopes SW.; desc. 112 ft. over steep rocky W. slope.

80.15 The true point for cor. of secs. 28, 29, 32 and 33.

Land, mountainous.

Soil, sandy and rocky; 4th rate.

Timber, scattering oak, juniper, mahogany and mesquite.

Undergrowth, greasewood, catclaw, palo verde, manzanita and cactus.

From the true point for cor. of secs. 28, 29, 32 and 33.

N. $0^\circ 02'$ W., bet. secs. 28 and 29.

Over mountainous land, through scattering timber and undergrowth.

Descend 20 ft. over NW. slope.

.25 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 witness cor. to cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T12S R17E
S 29 | S 28
S 32 | S 33
W C
1932

from which

A white oak, 6 ins. diam., bears N. 13° E., 110 lks. dist., mkd. W C T 12 S R 17 E S 28 B T.

Chains

A white oak, 5 ins. diam., bears S. $89\frac{1}{4}^{\circ}$ E., 20 lks. dist.,
mkd. W C T 12 S R 17 E S 28 B T.

A black oak, 10 ins. diam., bears S. $64\frac{1}{2}^{\circ}$ W., 43 lks. dist.,
mkd. W C T 12 S R 17 E S 29 B T.

A mahogany, 5 ins. diam., bears N. $79\frac{3}{4}^{\circ}$ W., 95 lks. dist.,
mkd. W C B T.

Ascend 204 ft. over steep rocky SW. slope.

4.80 Top of high rocky point. slopes W.; desc. 153 ft. over NW.
slope.

10.70 Low saddle, bears E. and W.; asc. 334 ft. over SW. slope of
divide.

37.70 Top of ridge, bears NE. and W.; desc. 73 ft. over N. 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.

$\frac{1}{4}$
S29 | S28
1932.

from which

A black oak, 10 ins. diam., bears S. 14° E., 70 lks. dist.,
mkd. $\frac{1}{4}$ S 28 B T.

A black oak, 24 ins. diam., bears S. $81\frac{1}{2}^{\circ}$ W., 14 lks. dist.,
mkd. $\frac{1}{4}$ S 29 B T.

Descend 568 ft. over N. slope.

67.80 Burro Creek, 20 lks. wide, course NE.; asc. 245 ft. over rocky
S. slope.

74.00 Ravine, course SE.

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

T12S R17E
S 20 | S 21
S 29 | S 28
1932

from which

A white oak, 10 ins. diam., bears N. $18\frac{1}{4}^{\circ}$ E., 104 lks. dist.,
mkd. T 12 S R 17 E S 21 B T.

A white oak, 10 ins. diam., bears S. $13\frac{1}{2}^{\circ}$ E., 40 lks. dist.,
mkd. T 12 S R 17 E S 28 B T.

A white oak, 6 ins. diam., bears S. $43\frac{3}{4}^{\circ}$ W., 83 lks. dist.,
mkd. T 12 S R 17 E S 29 B T.

A white oak, 12 ins. diam., bears N. $62\frac{1}{4}^{\circ}$ W., 127 lks. dist.,
mkd. T 12 S R 17 E S 20 B T.

Land, mountainous.

Soil, sandy and rocky; 4th rate.

Timber, scattering oak, juniper, fir, mahogany and mesquite.

Undergrowth, manzanita, catclaw and greasewood.

3070

Chains. S.89°54'E., on a random line, bet. secs. 21 and 28.

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

79.80 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

N.89°59'W., on a true line, bet. secs. 21 and 28.

Over mountainous land, through scattering timber and undergrowth.

Descend 26 ft. over NW. slope.

4.26 Wash, 20 lks. wide, course SW.; asc. 60 ft. over SE. slope.

8.60 Spur, slopes SW.; desc. 283 ft. over NW. slope.

23.80 U.S. Forest Service Telephone Line, bears N. and S.

28.76 Wash, 20 lks. wide, course N.; asc. 144 ft. over E. slope.

39.90 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. with brass cap mkd.

S 21

$\frac{1}{4}$

S 28

1932

from which

A black oak, 5 ins. diam., bears N. 48° E., 13 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.

A black oak, 6 ins. diam., bears S. 63 $\frac{1}{2}$ ° E., 122 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

Ascend 21 ft. over E. slope.

40.80 Spur, slopes N.; desc. 88 ft. over NW. slope.

45.00 Ravine, course N.; asc. 82 ft. over NE. slope.

59.80 Spur, slopes N.; desc. 180 ft. over NW. slope.

70.30 Burro Creek, 20 lks. wide, course NE.; asc. 300 ft. over SE. slope.

79.80 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous.
Soil sandy and rocky; 4th rate.
Timber, scattering oak, juniper, mahogany and mesquite.
Undergrowth, manzanita, scrub oak, catclaw, greasewood and cactus.

N.0°02'W., bet. secs. 20 and 21.

Over mountainous land, through scattering timber and undergrowth.

Ascend 365 ft. over steep, rocky S. slope.

5.00 Spur, slopes E.; continue ascending over SE. slope.

Chains
 17.00 Top of high spur, slopes E.; desc. 349 ft. over NE. slope.
 28.75 Gulch, course SE.; asc. 233 ft. over SW. slope.
 38.16 Spur, slopes E.; desc. 32 ft. over NE. 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.

$\frac{1}{4}$
 S20 | S21
 1932

from which

A white oak, 4 ins. diam., bears N. $48\frac{1}{4}^{\circ}$ E., 47 lks. dist.,
 mkd. $\frac{1}{4}$ S 21 B T.

A black oak, 8 ins. diam., bears N. $25\frac{1}{4}^{\circ}$ W., 70 lks. dist.,
 mkd. $\frac{1}{4}$ S. 20 B T.

Descend 166 ft. over NE. slope.

51.15 Head of gulch, course NE.
 59.00 Low spur, slopes NE.; desc. 396 ft. over N. slope.
 76.84 Wire fence, bears NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 16, 17, 20 and 21, with brass cap
 mkd.

T12S R17E
 S 17 | S 16
 S 20 | S 21
 1932

from which

A white oak, 14 ins. diam., bears N. $11\frac{1}{4}^{\circ}$ E., 224 lks. dist.,
 mkd. T 12 S R 17 E S 16 B T.

A white oak, 14 ins. diam., bears S. $73\frac{1}{2}^{\circ}$ E., 47 lks. dist.,
 mkd. T 12 S R 17 E S 21 B T.

A black oak, 11 ins. diam., bears S. $89\frac{3}{4}^{\circ}$ W., 236 lks..
 dist., mkd. T 12 S R 17 E S 20 B T.

A black oak, 12 ins. diam., bears N. $75\frac{1}{4}^{\circ}$ W., 129 lks. dist.,
 mkd. T 12 S R 17 E S 17 B T.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, scattering pine, fir, cedar, oak, mahogany and mesq-
 uite; undergrowth, greasewood, catclaw, manzanita and yucca.

S. $89^{\circ}59'$ E., on a random line, bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16,
 21 and 22.

Thence

Chains.	N.89°58'W., on a true line, bet. secs. 16 and 21.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 20 ft. along N. slope.
2.60	Spur, slopes W.; desc. 91 ft. over point of spur.
7.50	Ravine, course N.; asc. 126 ft. over E. slope.
8.60	Trail, in low saddle on divide, bears N. and S.; desc. 15 ft. over NW. slope.
13.10	Head of ravine, course NW.
17.09	U.S. Forest Service Telephone line, bears N. and S.
25.00	Spur, slopes N.; desc. 112 ft. over NW. slope.
31.60	Ravine, course NE.; asc. 107 ft. over SE. slope.
39.98	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.
	$\begin{array}{r} S\ 16 \\ \frac{1}{4} \\ \hline S\ 21 \\ 1932 \end{array}$
	from which
	A black oak, 10 ins. diam., bears S. 10 $\frac{1}{2}$ °W., 16 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.
	A black oak, 18 ins. diam., bears N. 29 $\frac{1}{2}$ °W., 176 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.
	Descend 115 ft. over NW. slope.
46.86	Gulch, course NE.; asc. 84 ft. over SE. slope.
52.20	Spur, slopes S.; desc. 28 ft. over SW. slope.
58.05	Ravine, course SE.; asc. 151 ft. over NE. slope.
76.88	Wire fence, bears NE. and SW.
77.60	Ridge, bears N. and S.; desc. 24 ft. over W. slope.
79.96	The cor. of secs. 16, 17, 20 and 21.
	Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering oak, juniper and mesquite; undergrowth, catclaw cactus and yucca.
	N. 0° 02' W., bet. secs. 16 and 17.
	Over mountainous land, through scattering timber and dense undergrowth.
	Ascend 6 ft. along W. slope.
9.00	Top of ascent; desc. 93 ft. over NW. slope.
11.90	Creek, 15 lks. wide, course NE.

- Chains Head of ravine, course E.; asc. 137 ft. over S. slope.
 30.72 Shaft at Kornkob Mine, bears S. 85° 35' E.
 30.80 Ridge, bears E. and W.; desc. 159 ft. over N. slope.
 39.25 Wash, 10 lks. wide, course NE.; asc. 3 ft.
 40.00 Set an iron post, 3 ft. long, 1 ins. 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.

$\frac{1}{4}$
 S17 | S16
 1932

from which

A white oak, 12 ins. diam., bears S. 32 $\frac{3}{4}$ ° E., 77 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.

A white oak, 14 ins. diam., bears S. 12 $\frac{3}{4}$ ° W., 120 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

- 40.15 Wash, 5 lks. wide, course SE.; asc. 19 ft. over S. slope.
 44.20 Spur, slopes E.; desc. 119 ft. over NE. slope.
 55.00 Wash, 40 lks. wide, course SE.; asc. 184 ft. over SW. slope.
 76.70 Ridge, bears SE. and NW.; desc. 73 ft. over NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

T12S R17E
 S 8 | S 9
 S 17 | S 16
 1932

from which

A white oak, 10 ins. diam., bears N. 39 $\frac{1}{2}$ ° E., 22 lks. dist., mkd. T 12 S R 17 E S 9 B T.

A white oak, 11 ins. diam., bears S. 20 $\frac{1}{2}$ ° E., 114 lks. dist., mkd. T. 12 S R 17 E S 16 B T.

A white oak, 6 ins. diam., bears S. 47 $\frac{1}{2}$ ° W., 63 lks. dist., mkd. T 12 S R 17 E S 17 B T.

A white oak, 10 ins. diam., bears N. 22° W., 67 lks. dist., mkd. T 12 S R 17 E S 8 B T.

Land, mountainous.
 Soil, sandy and rocky; 4th rate.
 Timber, scattering oak, juniper, mahogany and mesquite.
 Undergrowth, manzanita, catclaw, greasewood, scrub oak and yucca.

Chains.	S.89°58'E., on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect the cor. of secs. 9, 10, 15 and 16.
	Thence
	N.89°58'W., on a true line, bet. secs. 9 and 16.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 3 ft. along S. slope.
1.60	Spur, slopes S.; desc. 140 ft. over SW. slope.
6.60	U.S. Forest Service Telephone Line, bears N.80°W., and S.80°E.
10.90	Brush Corral Ranger Station, bears N.25 lks. dist., an adobe 3 room house.
12.50	Ravine, course S.
13.20	U.S. Forest Service Trail, bears N. and S.
16.70	Buehman creek, 20 lks. wide, in wash 70 lks. wide, course SE.; asc. 190 ft. over NE. slope.
22.40	Top of ascent; desc. 41 ft. over NW. slope.
24.20	Ravine, course NE.; asc. 245 ft. over E. slope.
39.92	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.
	$\begin{array}{r} S\ 9 \\ \frac{1}{4} \\ \hline S\ 16 \\ 1932 \end{array}$
	from which
	A white oak, 18 ins. diam., bears N.53 $\frac{1}{2}$ °E., 147 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
	A white oak, 12 ins. diam., bears N.34 $\frac{1}{2}$ °W., 211 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
40.00	Ridge, bears SE. and NW.; desc. 121 ft. over SW. slope.
45.80	U.S. Forest Service Trail, bears SE. and NW.
56.60	Ravine, course SE.; asc. 74 ft. over NE. slope.
67.70	Spur, slopes SE.; desc. 14 ft. over SW. slope.
74.70	Ravine, course SE.; asc. 93 ft. over NE. slope.
79.84	The cor. of secs. 8, 9, 16 and 17.
	Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering oak, juniper, sycamore and hackberry. Undergrowth, mesquite, catclaw, greasewood, cactus and yucca.

Chains.	N.0°02'W.,bet.secs.8 and 9.
	Over mountainous land,through scattering timber and undergrowth.
	Descend 66 ft.over NE.slope.
2.60	Ravine,course SE.;asc.99 ft.over SW.slope.
8.00	Spur,slopes SE.;desc.30 ft.over NE.slope.
11.40	Head of ravine,course E.;asc.74 ft.over S.slope.
14.50	U.S.Forest Service Telephone Line,bears E.and W.
20.80	U.S.Forest Service Trail,on ridge,bears E.and W.;desc. 256 ft.over N.slope.
35.50	Ravine,course NE.;asc.64 ft.over SW.slope.
38.60	Spur,slopes N.;desc.40 ft.along spur.
39.80	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 witness $\frac{1}{4}$ sec.cor.with brass cap mkd.
	WC $\frac{1}{4}$ S8 S9 1932
	from which
	A mesquite,10 ins.dism.,bears N.44°E.,58 lks.dist., mkd.W C $\frac{1}{4}$ S 9 B T.
	A hackberry,6 lks.diam.,bears N.22°W.,18 lks.dist., mkd.W C $\frac{1}{4}$ S 8 B T.
40.00	True point for $\frac{1}{4}$ sec.cor.falls on N.face of cliff,20x10 x10 ft.above ground.
40.73	Buehman Creek,10 lks.wide,course E.;asc.437 ft.over S. slope.
56.00	Spur,slopes E.;desc.223 ft.over NE.slope.
66.44	Rocky wash,30 lks.wide,course SE.;asc.146 ft.over SW. slope.
73.00	Spur,slopes W.;desc.69 ft.over N.slope.
78.95	Trail,bears E.and W.
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.4,5,8 and 9,with brass cap,mkd.
	T12S R17E S 5 S 4 S 8 S 9 1932
	from which
	A mesquite,8 ins.diam.,bears N.15 $\frac{1}{4}$ °E.,84 lks.dist., mkd.T 12 S R 17 E S 4 B T.
	A white oak,24 ins.diam.,bears S.26 $\frac{3}{4}$ °E.,248 lks.

75
 1970

Chains	<p>mkd.T 12 S R 17 E S 9 B T.</p> <p>A white oak, 12 ins.diam., bears S.45$\frac{1}{2}$°W., 347 lks.dist., mkd.T 12 S R 17 E S 8 B T.</p> <p>A mesquite, 10 ins.diam., bears N.26$\frac{1}{2}$°W., 230 lks.dist., mkd.T 12 S R 17 E S 5 B T.</p> <p>Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering oak, juniper, hackberry and mesquite. Undergrowth, scattering catclaw, greasewood, cactus and yucca.</p>
	<p>S.89°58'E., on a random line, bet.secs.4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.80	Intersect N.and S.line, 7 lks.N.of the cor.of secs.3,4,9 and 10.
	Thence
	N.89°55'W., on a true line, bet.secs.4 and 9.
	Over mountainous land, through scattering timber and undergrowth.
.80	Wash, 20 lks.wide, course SE.; asc.450 ft.over broken NE. slope.
21.34	Draw, course N.; continue ascending.
39.90	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.
	$\begin{array}{r} S. 4 \\ \hline S. 9 \\ 1932 \end{array}$
	from which
	<p>An oak, 10 ins.diam., bears N.14°E., 155 lks.dist., mkd. $\frac{1}{4}$ S 4 B T.</p> <p>An oak, 8 ins.diam., bears S.86°E., 216 lks.dist., mkd. $\frac{1}{4}$ S 9 B T.</p>
	Ascend 12 ft.over NE.slope.
40.70	Top of ascent.
42.80	Trail on ridge, bears N.and S.; desc.150 ft.over W.slope.
46.77	Same trail, bears NE.and SW.
52.00	Wash, 5 lks.wide, course SW.; continue over rolling land.
58.50	Draw, course S.
62.50	Wash, 10 lks.wide, course SE.; asc.34 ft.over gradual E. slope.
74.80	Low spur, slopes S.; desc.34 ft.over W.slope.
79.80	The cor.of secs.4,5,8 and 9.

Chains.	Land, mountainous. Soil, sandy and stony; 3rd rate. Timber, scattering oak, juniper and mesquite; undergrowth, scattering catclaw, greasewood, cactus and yucca.
	N.0°07'E., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.91	Intersect N. bdy. of the Tp., 16 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. diam., stand- ing firmly 14 ins. above ground, marked and witnessed as described in the official record.
	Thence
	South, on a true line, bet. secs. 4 and 5.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 12 ft. over NW. slope.
.50	Low spur, slopes NE.; desc. 17 ft. over SE. slope.
5.95	Ravine, course NE.; asc. 189 ft. over NW. slope.
13.00	Spur, slopes NE.
17.90	Ridge, bears E. and W.; desc. 43 ft. over S. slope.
24.51	Gulch, course E.; asc. 77 ft. over N. slope.
31.30	Low spur, slopes E.; desc. 16 ft. over SE. slope.
33.11	Head of ravine, course NE.
35.40	Short spur, slopes E.
37.71	Head of gulch, course E.; asc. 49 ft. over N. slope.
37.91	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.
	$\frac{1}{4}$
	S5 S4
	1932
	from which
	A black oak, 8 ins. diam., bears N.76°E., 45 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	A white oak, 18 ins. diam., bears S.39°W., 43 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	Ascend 114 ft. over NE. slope.
43.90	Ridge, bears E. and NW.; desc. 311 ft. over SW. slope.
58.01	Draw, course SW.; asc. 24 ft. over NW. slope.
62.90	Point of spur, slopes W.; desc. 224 ft. over SW. slope.
77.91	The cor. of secs. 4, 5, 8 and 9.

Chains

Land, mountainous.
Soil, sandy and rocky; 4th rate.
Timber, scattering oak, juniper, mahogany and mesquite.
Undergrowth scattering catclaw, greasewood, cactus and yucca.

Then from the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., described in the field notes of the S. bdy. of this Tp., surveyed under this Group.

N.0°03'W., bet. secs. 31 and 32.

Over mountainous land, through scattering timber and undergrowth.

Descend 15 ft. over N. slope.

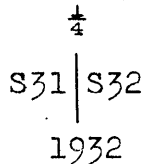
1.20 Draw, course E.; asc. 89 ft. over S. slope.

5.50 Short spur, slopes E.; desc. 6 ft. over N. slope.

14.25 Spur, slopes E.; desc. 63 ft. over N. slope.

18.66 Draw, course E.; asc. 339 ft. over S. 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

A black oak, 12 ins. diam., bears N.80°E., 108 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

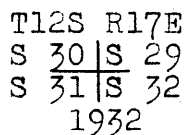
A mahogany, 8 ins. diam., bears N.86°W., 271 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

Ascend 177 ft. over SE. slope.

57.55 Spur, slopes E.; desc. 120 ft. over NE. slope.

63.20 Gulch, course E.; asc. 472 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.



from which

A black oak, 8 ins. diam., bears N.30 $\frac{1}{2}$ °E., 58 lks. dist., mkd. T 12 S R 17 E S 29 B T.

A black oak, 6 ins. diam., bears S.20 $\frac{1}{2}$ °E., 21 lks. dist., mkd. T 12 S R 17 E S 32 B T.

A black oak, 12 ins. diam., bears S.24°W., 100 lks. dist., mkd. T 12 S R 17 E S 31 B T.

Chains	<p>A pinon pine, 8 ins. diam. bears N. $45\frac{1}{4}^{\circ}$ W., 96 lks. dist., mkd. T 12 S R 17 E S 30 B T.</p> <p>Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, oak, juniper, pinon, fir, mahogany and hackberry. Undergrowth, mesquite, manzanita, catclaw, greasewood and cactus.</p>
	<p>East, on a random line, bet. secs. 29 and 32.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. and S. line, 6 lks. N. of the true point for cor. of secs. 28, 29, 32 and 33.
	Thence
	N. $89^{\circ}57'$ W., on a true line, bet. secs. 29 and 32.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 139 ft. over rocky W. slope.
4.50	Rocky gulch, course SE.; asc. 325 ft. over E. slope.
23.00	Rocky spur ridge, slopes S.; desc. 172 ft. over SW. slope.
30.50	Low spur, slopes SW.; continues descending.
39.91	Set an iron post, 3 ft. long, 1 in. diam., on bedrock, over a cross X, marked at true point for cor. and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} S\ 29 \\ \frac{1}{4} \\ \hline S\ 32 \\ 1932 \end{array}$
	from which
	A white oak, 12 ins. diam., bears N. $88\frac{3}{4}^{\circ}$ E., 33 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
	A white oak, 14 ins. diam., bears S. $16\frac{3}{4}^{\circ}$ W., 155 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.
	Descend 153 ft. over W. slope.
44.90	Rocky gulch, course SW.; asc. 349 ft. over broken SE. slope.
79.82	The cor. of secs. 29, 30, 31 and 32.
	<p>Land, mountainous. Soil, rocky; 4th rate. Timber, scattering oak, juniper, pinon and mahogany. Undergrowth, manzanita, mahogany scrub oak, mesquite and catclaw.</p>
	West, on a random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
65.89	Intersect W. bdy. of the Tp., 6 lks. N. of the cor. of secs. 30 and 31, described in the field notes of the W. bdy. of this Tp., surveyed under this group.

Chains	Thence
	<p>N.89°57'E., on a true line, bet. secs. 30 and 31.</p> <p>Over mountainous land, through scattering timber and dense undergrowth.</p> <p>Ascend 165 ft. over SW. slope.</p>
16.00	Top of ascent; continue along broken S. slope.
22.50	Spur, slopes S.; desc. 56 ft. over E. slope.
25.22	<p>Set an iron post, 3 ft. long, 1 in. diam., wedged 30 ins. in crevice of boulder, 4x4x3 ft. above ground, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <div style="text-align: center;"> <p>S 30 $\frac{1}{4}$ ——— WC S 31 1932</p> </div> <p style="text-align: right;">from which</p> <p>A white oak, 6 ins. diam., bears S. 9° W., 32 lks. dist., mkd. W C $\frac{1}{4}$ S 31 B T.</p> <p>A white oak, 8 ins. diam., bears N. 31° W., 85 lks. dist., mkd. W C $\frac{1}{4}$ S 30 B T.</p>
25.89	<p>True point for $\frac{1}{4}$ sec. cor. falls on bedrock.</p> <p>Ascend 284 ft. over broken SW. slope.</p>
45.20	Spur, slopes SW.; desc. 29 ft. over SE. slope.
51.85	Draw, course S.; asc. 25 ft. over W. slope.
52.40	Spur, slopes S.; desc. 21 ft. over E. slope.
60.69	Wash, 20 lks. wide, course S.; asc. 67 ft. over W. slope.
63.30	Top of high rocky spur, slopes S.; desc. 77 ft. over steep rocky E. slope.
65.89	<p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, juniper, pinon and mahogany. Undergrowth, manzanita, catclaw, greasewood and mesquite.</p>
	<p>N. 0° 03' W., bet. secs. 29 and 30.</p> <p>Over mountainous land, through scattering timber and dense undergrowth.</p> <p>Ascend 72 ft. over SE. slope.</p>
6.10	Spur, slopes SW.; continue along broken W. slope.
18.60	Descend 25 ft. over NW. slope.
20.30	Ravine, course SW.; asc. 243 ft. over S. slope.
29.60	Top of ascent; continue along E. slope.
35.60	Low saddle on ridge, bears NE. and SW.

Chains	Continue along W.slope.
40.00	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. $\frac{1}{4}$ S30 S29 1932 from which A black oak, 10 ins. diam., bears N. $37\frac{3}{4}^{\circ}$ E., 50 lks. dist., mkd. $\frac{1}{4}$ S. 29 B T. A pinon, 7 ins. diam., bears S. 63° W., 64 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.
46.30	Ridge on W. side of saddle, bears E. and W.; desc. 177 ft. over N. slope.
50.80	Head of ravine, course NE.; asc. 26 ft. over SE. slope.
67.70	Spur, slopes NE.; desc. 282 ft. over N. slope.
77.50	Ravine, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd. T12S R17E S 19 S 20 S 30 S 29 1932 from which A juniper, 10 ins. diam., bears N. $32\frac{1}{2}^{\circ}$ E., 62 lks. dist., mkd. T 12 S R 17 E S 20 B T. A juniper, 8 ins. diam., bears S. $48\frac{1}{2}^{\circ}$ E., 47 lks. dist., mkd. T 12 S R 17 E S 29 B T. An oak, 8 ins. diam., bears S. $41\frac{1}{4}^{\circ}$ W., 55 lks. dist., mkd. T 12 S R 17 E S 30 B T. A juniper, 8 ins. diam., bears N. 66° W., 150 lks. dist., mkd. T 12 S R 17 E S 19 B T. Land, mountainous. Soil, rocky; 4th rate. Timber, scattering oak, pinon, juniper, mahogany and fir. Undergrowth, manzanita, mahogany, scrub oak, greasewood and catclaw.
	S. $89^{\circ}57'$ E., on a random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence N. $89^{\circ}55'$ W., on a true line, bet. secs. 20 and 29.

Chains Over mountainous land, through scattering timber and undergrowth.
 Descend 29 ft. over SW. slope.
 5.52 Gulch, course S.; asc. 410 ft. over SE. slope.
 16.70 Spur, slopes S.; desc. 446 ft. over steep, rocky W. slope.
 32.82 Gulch, course S.; asc. 241 ft. over E. slope.
 38.82 Continue ascending over SE. slope.
 40.01 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 20

 S 29
 1932

from which

A white oak, 14 ins. diam., bears S. $64\frac{1}{2}^{\circ}$ W., 23 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

A black oak, 4 ins. diam., bears N. 33° W., 88 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

Ascend 74 ft. over SE. slope.

44.00 Spur, slopes S.; desc. 92 ft. over SW. slope.
 52.22 Draw, course S.; asc. 46 ft. over NE. slope.
 58.40 Point of rocky spur, slopes SE.; desc. 92 ft. over SW. slope.
 63.12 Burro Creek, 20 lks. wide, course SE.; asc. 213 ft. over NE. slope.
 77.52 Ravine, course NE.
 80.02 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
 Soil, sandy and rocky; 4th rate.
 Timber, scattering oak, juniper, mahogany and mesquite.
 Undergrowth, manzanita, scrub oak, greasewood and cactus.

S. $89^{\circ}57'$ W., on a random line, bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 65.85 Intersect W. bdy. of Tp., 8 lks. N. of the cor. of secs. 19 and 30, described in the field notes of the W. bdy. of this Tp., surveyed under this group.
 Thence

N. $89^{\circ}53'$ E., on a true line, bet. secs. 19 and 30

Over mountainous land, through scattering timber and dense undergrowth.

.85 Spur, slopes NE.; desc. 48 ft. over E. slope.
 2.45 Ravine, course NE.; continue along broken N. slope.
 10.00 Descend 123 ft. over NE. slope.

Chains.
 19.85 Ravine, course N.; asc. 63 ft. over NW. slope.
 24.45 Spur, slopes NE.; desc. 19 ft. over SE. slope.
 25.85 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.

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

from which

A white oak, 5 ins. diam., bears S. 40° E., 16 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

A white oak, 12 ins. diam., bears N. $8\frac{1}{2}^{\circ}$ W., 40 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

Descend 195 ft. over SE. slope.

30.75 Ravine, course NE.; asc. 83 ft. over NW. slope.
 35.70 Spur, slopes NE.; desc. 158 ft. over E. slope.
 40.15 Ravine, course N.; asc. 70 ft. over NW. slope.
 47.20 Spur, slopes NE.; desc. 253 ft. over E. slope.
 55.65 Ravine, course N. 30° E.; asc. 86 ft. over NW. slope.
 59.90 Spur, slopes NE.; desc. 168 ft. over NE. slope.
 65.85 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
 Soil, sandy and rocky; 4th rate.
 Timber, oak, juniper, fir, mahogany and mesquite.
 Undergrowth, scrub oak, manzanita, greasewood, and yucca.

N. $0^{\circ}03'$ W., bet. secs. 19 and 20.

Over mountainous land, through scattering timber and dense undergrowth.

Descend 90 ft. over NE. slope.

9.61 Burro Creek, 20 lks. wide, course S. 70° E.; asc. 863 ft. over steep, rocky SW. 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.

$\frac{1}{4}$
 $S19 | S20$
 1932

from which

A black oak, 6 ins. diam., bears S. $50\frac{1}{2}^{\circ}$ E., 14 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

A white oak, 8 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ W., 88 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

Block 500

Chains Ascend 63 ft. over S. slope.

41.40 Top of high rocky ridge, bears E. and W.; desc. 534 ft. over rocky NE. slope through dense undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.

T12S R17E
 S 18 | S 17
 S. 19 | S 20
 1932

from which

A pinon pine, 6 ins. diam., bears N. 65 1/2° E., 37 lks. dist., mkd. T 12 S R 17 E S 17 B T.

A white oak, 6 ins. diam., bears S. 50° E., 61 lks. dist., mkd. T 12 S R 17 E S 20 B T.

A pinon pine, 4 ins. diam., bears S. 59 1/4° W., 42 lks. dist., mkd. T 12 S R 17 E S 19 B T.

A pinon pine, 10 ins. diam., bears N. 63 1/2° W., 35 lks. dist., mkd. T 12 S R 17 E S 18 B T.

Land, mountainous.
 Soil, sandy and rocky; 4th rate.
 Timber, oak, juniper, pine, fir and mahogany; undergrowth, scrub oak, manzanita, mesquite and catclaw.

S. 89° 55' E., on a random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.07 Intersect N. and S. line, 19 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

S. 89° 57' W., on a true line, bet. secs. 17 and 20.

Over mountainous land, through scattering timber and dense undergrowth.

Ascend 10 ft. along N. slope.

8.60 Creek, 10 lks. wide, course NE.; asc. 506 ft. over steep, rocky NE. slope.

28.50 Rocky spur, slopes SE.; desc. 22 ft. over SW. slope.

36.20 Draw, course SE.; asc. 66 ft. over E. slope.

40.03 True point for 1/4 sec. cor. falls on bedrock sloping N.

40.13 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 witness 1/4 sec. cor. with brass cap mkd.

S 17
 1/4 ——— WC

S 20
 1932

from which

Chains.	<p>A black oak, 4 ins. diam., bears S. 34° W., 15 lks. dist., mkd. W C $\frac{1}{4}$ S 20 B T.</p> <p>A black oak, 4 ins. diam., bears N. 14° W., 04 lks. dist., mkd. W C $\frac{1}{4}$ S 17 B T.</p> <p>Ascend 76 ft. over NE. slope.</p>
41.70	Point of rocky spur, slopes S.; continue along broken S. slope of red sandstone bluffs.
66.80	Rocky gulch, course SE.; asc. 374 ft. over E. slope.
80.07	The cor. of secs. 17, 18, 19 and 20.
	<p>Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, juniper, mahogany and pine. Undergrowth, manzanita, scrub oak, greasewood, catclaw, and mesquite.</p>
	S. $89^{\circ}53'$ W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
65.70	Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 18 and 19, described in the field notes of the W. bdy. of this Tp., surveyed under this group. Thence
	N. $89^{\circ}54'$ E., on a true line, bet. secs. 18 and 19.
	Over mountainous land, through heavy timber and scattering undergrowth.
5.00	Wash, 10 lks. wide, course SE.; asc. 144 ft. over SW. slope.
14.50	Top of high rocky spur, slopes S.; desc. 254 ft. over E. slope.
25.70	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.
	$\frac{1}{4} \frac{S 18}{S 19}$ <p style="text-align: right;">1932</p>
	from which
	A black oak, 10 ins. diam., bears N. $78^{\frac{3}{4}}$ E., 62 lks. dist. mkd. $\frac{1}{4}$ S 18 B T.
	A white oak, 5 ins. diam., bears S. $53^{\frac{1}{4}}$ W., 40 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.
26.00	Head of ravine, course SE.
27.40	Spur, slopes S.; desc. 44 ft. over SE. slope.
28.50	Bottom of descent; asc. 35 ft. over SW. slope.
33.20	Ridge, bears SE. and NW.; desc. 1381 ft. over brushy E. slope.
65.70	The cor. of secs. 17, 18, 19 and 20.
	<p>Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, oak, pine, juniper mahogany and fir; undergrowth, scrub oak, manzanita, catclaw and mesquite.</p>

DECK 800

- Chains N.0°03'W.,bet.secs.17 and 18.
- Over mountainous land,through scattering timber and densec undergrowth.
- Descend 57 ft.over NE.slope.
- 2.35 Gulch,course E.;asc.144 ft.over S.slope.
- 9.00 Spur,slopes E.;desc.149 ft.over NE.slope.
- 22.70 Gulch,course E.;asc.122 ft.over granite boulders.
- 31.90 Rocky spur,slopes SE.;desc.144 ft.over NE.slope.
- 37.50 Head of ravine,course E.;asc.11 ft.over SE.slope.
- 40.00 True point for $\frac{1}{4}$ sec.cor.falls on E.face of granite ledge.
- 40.56 Set an iron post,3 ft.long,1 in.diam.,26 ins.in the ground,for witness $\frac{1}{4}$ sec.cor.with brass cap mkd.

$\frac{1}{4}$
 S18 | S17
 W C
 1932

from which

A piñon pine,10 ins.diam.,bears N.18 $\frac{1}{2}$ °E.,42 lks.dist., mkd.W C $\frac{1}{4}$ S 17 B T.

A piñon pine,8 ins.diam.,bears S.81 $\frac{3}{4}$ °W.,8 lks.dist., mkd.W C $\frac{1}{4}$ S 18 B T.

Ascend 9 ft.

- 41.80 Spur,slopes E.;desc.29 ft.over N.slope.
- 43.05 Ravine,course E.;asc.48 ft.over SE.slope.
- 48.90 Spur,slopes E.;desc.462 ft.over NE.slope.
- 56.40 Descend abruptly over N.slope.
- 71.30 Rocky gulch,course NE.;asc.80 ft.over SE.slope.
- 80.00 Set an iron post,3 ft.long,2 ins.diam.,26 ins.in the ground,for cor.of secs.7,8,17 and 18,with brass cap mkd.

T12S R17E
 S 7 | S 8
 S 18 | S 17
 1932

from which

A black oak,10 ins.diam.,bears N.82 $\frac{1}{2}$ °E.,155 lks.dist., mkd.T 12 S R 17 E S 8 B T.

A white oak,18 ins.diam.,bears S.71 $\frac{1}{2}$ °E.,91 lks.dist., mkd.T 12 S R 17 E S 17 B T.

A white oak,14 ins.diam.,bears S.43 $\frac{1}{4}$ °W.,246 lks.dist., mkd.T 12 S R 17 E S 18 B T..

A white oak,14 ins.diam.,bears N.53 $\frac{1}{2}$ °W.,204 lks.dist., mkd.T 12 S R 17 E S 7 B T.

Chains.	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, juniper, fir, pine and mesquite. Undergrowth, manzanita, catclaw and mahogany.
	N. 89°57'E., on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence West, on a true line, bet. secs. 8 and 17. Over mountainous land, through scattering timber and undergrowth. Ascend 165 ft. over NE. slope.
10.00	Top of ridge, bears SE. and NW.; desc. 185 ft. over SW. slope.
19.20	Rocky wash, 30 lks. wide, course SE.; asc. 150 ft. over NE. slope.
34.80	Same wash, course NE., from NW.
38.55	Same wash, course NE.; continue ascending over SE. slope.
40.09	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.
	$\frac{1}{4} \begin{array}{r} S 8 \\ \hline S 17 \\ 1932 \end{array}$
	from which
	A white oak, 10 ins. diam., bears S. 29 $\frac{3}{4}$ ° E., 32 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.
	A white oak, 12 ins. diam., bears N. 66° W., 125 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
42.00	Rocky wash, 20 lks. wide, course SE.; asc. 511 ft. over NE. slope.
80.18	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, juniper pine and mahogany. Undergrowth, scrub oak, manzanita, catclaw, mesquite and greasewood.
	S. 89°54'W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
65.66	Intersect the cor. of secs. 7 and 18 on W. bdy. of Tp., described in the field notes of the W. bdy. of this Tp., surveyed under this group.
	Thence N. 89°54'E., on a true line, bet. secs. 7 and 18.

Chains.	Over mountainous land, through scattering timber and dense undergrowth.
	Ascend 4 ft. over NW. slope.
1.70	Spur, slopes NE.; desc. 287 ft. over steep rocky NE. slope.
10.42	Ravine, course N. 20° E.; asc. 116 ft. over NW. slope.
20.20	Top of ascent; desc. 52 ft. along N. slope.
25.66	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.
	$\frac{1}{4} \begin{array}{l} S 7 \\ \hline S 18 \\ 1932 \end{array}$
	from which
	A white oak, 8 ins. diam., bears S. 83 $\frac{1}{2}$ ° W., 41 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
	A pinon pine, 11 ins. diam., bears N. 68 $\frac{1}{2}$ ° W., 35 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	Descend 445 ft. over E. slope.
41.26	Gulch, course NE.; asc. 187 ft. over NW. slope.
45.60	Spur, slopes NE.; desc. 489 ft. over SE. slope.
65.66	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, oak, pine, fir, cedar and mahogany; undergrowth, scrub-oak, manzanita, catclaw, mesquite and yucca.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over mountainous land, through scattering timber and dense undergrowth.
	Ascend 11 ft. over SE. slope.
1.20	Spur, slopes E.; desc. 47 ft. over NE. slope.
9.16	Head of ravine, course E.; continue along E. slope.
11.20	Spur, slopes E.; desc. 122 ft. over NE. slope.
18.85	Ravine, course NE.
23.14	Ravine, course E.; asc. 13 ft.
24.80	Spur, slopes E.; desc. 196 ft. over N. slope.
32.00	Creek, 20 lks. wide, course E.; asc. 128 ft. over SE. slope.
36.45	U.S. Forest Service Telephone Line, bears SE. and NW.
38.40	Spur, slopes E.; desc. 12 ft. over N. 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.

Chains

$\frac{1}{4}$

S7 | S8

1932

from which

A white oak, 18 ins. diam., bears S. $76^{\frac{3}{4}}$ ° E., 38 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

A white oak, 14 ins. diam., bears N. $17^{\frac{1}{4}}$ ° W., 21 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

Descend 173 ft. over NW. slope.

40.70 Trail, bears E. and W.

50.48 Ravine, course E.; asc. 120 ft. over S. slope.

57.88 Top of rocky spur, slopes E. A bench mark of the Geological Survey, published elevation 4,332 ft. above sea level, bears N. $85^{\circ}40'$ W., 75 lks. dist.; a brass tablet seated in a sandstone boulder, conforming to the record.

Descend 265 ft. over N. slope.

69.00 Buehman Creek, 10 lks. wide, course E.; asc. 159 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T12S R17E
S 6 | S 5
S 7 | S 8
1932

from which

A white oak, 12 ins. diam., bears N. 1° E., 155 lks. dist., mkd. T 12 S R 17 E S 5 B T.

A white oak, 12 ins. diam., bears S. $64^{\frac{3}{4}}$ ° E., 75 lks. dist., mkd. T 12 S R 17 E S 8 B T.

A white oak, 11 ins. diam., bears S. 59° W., 73 lks. dist., mkd. T 12 S R 17 E S 7 B T.

A white oak, 14 ins. diam., bears N. 56° W., 134 lks. dist., mkd. T 12 S R 17 E S 6 B T.

Land, mountainous.

Soil, sandy and rocky; 4th rate.

Timber, oak, pine, fir, cedar and mahogany; undergrowth cat-claw, manzanita, scrub oak and greasewood.

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

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

80.18 Intersect the cor. of secs. 4, 5, 8 and 9.

Thence

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

Over mountainous land, through scattering timber and undergrowth.

Chains	Descend 12 ft. over gradual W. slope.
4.00	Wash, 10 lks. wide, course S.
5.00	Spring and concrete trough, bears S. 10° W., 5.30 chs. dist. Ascend 401 ft. over broken E. slope.
13.10	Draw, course SE.
33.00	Spur, slopes S.; desc. 198 ft. over W. slope.
40.09	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.
	$\begin{array}{r} S\ 5 \\ \frac{1}{4} \text{ ---} \\ S\ 8 \\ 1932 \end{array}$
	from which
	An oak, 12 ins. diam., bears N. 50 $\frac{1}{2}$ ° E., 187 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	An oak, 12 ins. diam., bears S. 57 $\frac{3}{4}$ ° E., 247 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	Descend 134 ft. over W. slope.
43.41	Head of spring and pipe line, ^{50 lks. N.,} in wash 30 lks. wide, course S.; asc. 436 ft. over steep, rocky E. slope.
61.40	Spur, slopes SE.; desc. 18 ft. along S. slope.
64.10	Head of draw, course S.; asc. 14 ft. over SE. slope.
66.20	Point of rocky spur, slopes S.; desc. 251 ft. over SW. slope.
80.18	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering oak, cedar and mahogany; undergrowth, catclaw, mesquite, cactus and greasewood.
	S. 89° 54' W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
65.58	Intersect the cor. of secs. 6 and 7 on W. bdy. of Tp., described in the field notes of the W. bdy. of this Tp., surveyed under this group. Thence
	N. 89° 54' E., on a true line, bet. secs. 6 and 7.
	Over mountainous land, through scattering timber and dense undergrowth.
	Descend 242 ft. over NE. slope.
17.64	Ravine, course SE.; asc. 6 ft.
22.00	Spur, slopes S.; desc. 14 ft.
23.58	Rocky wash, 30 lks. wide, course S.; asc. 11 ft.

Chains.	
24.00	Top of ascent; desc. 9 ft. over S. slope.
25.58	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
	A white oak, 10 ins. diam., bears N. 56° E., 90 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
	A white oak, 10 ins. diam., bears S. $25\frac{1}{4}^{\circ}$ E., 55 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	Ascend 102 ft. over SW. slope.
32.40	Top of ascent; desc. 253 ft. over SE. slope.
62.88	Gulch, course S.; continue along S. slope.
65.08	Ravine, course S.
65.58	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, sandy and rocky; 4th rate. Timber, scattering, oak, pine, cedar and mahogany; undergrowth, scrub oak, manzanita, catclaw, mesquite and greasewood.
	North on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.84	Intersect N. bdy. of the Tp., 27 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. diam., standing firmly 14 ins. above ground, and in a mound of stone to top, marked and witnessed as described in the official record.
	Thence
	S. $0^{\circ}12'W.$, on a true line, bet. secs. 5 and 6.
	Over mountainous land, through scattering timber and undergrowth.
	Descend 30 ft. over SE. slope.
7.84	Ravine, course SE.; asc. 25 ft. over NE. slope.
10.90	Short spur, slopes E.; desc. 70 ft. over SE. slope.
13.30	Wash 10 lks. wide, course E.; asc. 70 ft. over NE. slope.
18.00	Point of spur, slopes E.; desc. 66 ft. over S. slope.
19.84	Wash, 20 lks. wide, course NE.; asc. 168 ft. over NE. slope.
23.98	Trail, on spur, bears E.; continue along broken E. slope.
37.84	Set an iron post, 3 ft. long, 1 in. diam., on solid rock over a cross X, mkd. at true point for cor. and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

Chains.

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

from which

A white oak, 10 ins. diam., bears N. $29\frac{3}{4}^{\circ}$ E., 8 lks. dist.,
 mkd. $\frac{1}{4}$ S 5 B T.

A white oak, 10 ins. diam., bears N. 45° W., 152 lks. dist.,
 mkd. $\frac{1}{4}$ S 6 B T.

Descend 16 ft. over SE. slope.

41.24 Draw, course E.; asc. 81 ft. over NE. slope.

48.24 Ridge, bears SE. and NW.; desc. 493 ft. over SW. slope.

75.34 Continue descending over S. slope.

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

Land, mountainous.

Soil, sandy and rocky; 4th rate.

Timber, scattering oak, pine, fir, cedar and mahogany.

Undergrowth, scrub oak, catclaw, manzanita, mesquite and
 greasewood.

FINAL TEST OF SOLAR ATTACHMENT.

April 26, 1932; Near the cor. of secs. 2, 3, 34 and 35 on S.
 bdy. of Tp., on the meridian determined by Polaris obser-
 vation Mar. 26, 1932., described in the field notes of the
 survey of the east boundary of T.13 S., R.16 E., and the
 south and west boundaries of T.12 S., R.17 E., surveyed
 under this group. at 7h 20m a.m., app. t., I set off $32^{\circ}20'$
 $24''$ N. on the lat. arc; $13^{\circ}35\frac{1}{2}'$ N. on the decl. arc; and
 orient the instrument with the solar; the line of sight
 agrees with the meridian established by Polaris.

At 4h 20m p.m., I set off $32^{\circ}20'24''$ N. on the lat. arc;
 $13^{\circ}42\frac{1}{2}'$ N. on the decl. arc; and repeat the test of the
 solar; the line of sight agrees with the meridian estab-
 lished by Polaris observation.

April 26, 1932.

GENERAL DESCRIPTION.

A considerable variety of land and soil is found in
 T.12 S., R.17 E. The general elevation of the township is
 about 4000 ft. above sea level. Most of the north and west-
 ern portion of the township is rough and mountainous. The
 land is covered with scattering oak, pine, fir, cedar and
 mahogany timber. The undergrowth is dense scrub oak cat-
 claw, manzanita and greasewood. The south and eastern
 portion of the township is rolling and mountainous land.
 The soil, is sandy and stony; 3rd rate. Scattering oak
 juniper and mesquite are found in this portion of the
 township. The undergrowth is scattering palo verde, catclaw,
 cactus, yucca and greasewood. The soil of the bottom land
 along Bullock and Buehman Creeks, is alluvial silt and
 loam; much of the soil is black loam. There is found along

Chains.	<p>Bullock and Buehman Creeks, sycamore, black walnut and hackberry timber. Buehman Creek traverses easterly through the central part of the township, and Bullock Creek, traverses northeasterly through the southeastern portion of the township, leaving the township near the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of Tp.</p> <p>The old Kornkob Mine is located near the central part of sec. 14, mineral indications are copper and silver. There is one settler in sec. 10 who has a house, corrals and windmill; the land is used for grazing purposes. There are two known springs within the township, one near the cor. of secs. 4, 5, 8 and 9, and one near the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.</p>
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FORM 3970

4-680
(August, 1926)

FIELD ASSISTANTS.

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

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 those parts or portions of the subdivisional lines of Township 12 South, Range 17 East,

of the Gila and Salt River Base and 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 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.

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

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, June 24, 1933.

The foregoing field notes of the survey of the subdivisional lines of Township 12 South, Range 17 East, of the Gila and Salt River Base and 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 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 [redacted], has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.