

# FIELD NOTES

OF THE RETRACEMENT OF

PART OF THE EAST Boundary of Township 5 South, Range 21 East,

OF THE RESURVEY OF

PART of the EAST Boundary of Township 5 South, Range 21 East,

AND OF THE SURVEY OF

The First Standard Parallel South, thru Part of Range 21 East,

WEST Boundary

North Boundary

and

SUBDIVISION Lines of

Township 5 South, Range 21 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William E. Hiester, U. S. Surveyor,

and

Charles E. Hunter, U. S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated June 23, 1926, issued by the District Cadastral Engineer to govern surveys included in Group No. 141 Arizona, which were approved by the Commissioner of the General Land Office, July 13, 1926, and Assignment Instructions dated Jan. 3, 1928.

Retracement,  
Resurvey and Survey commenced February 24, 1928.

Retracement,  
Resurvey and Survey completed April 18, 1928.

3872

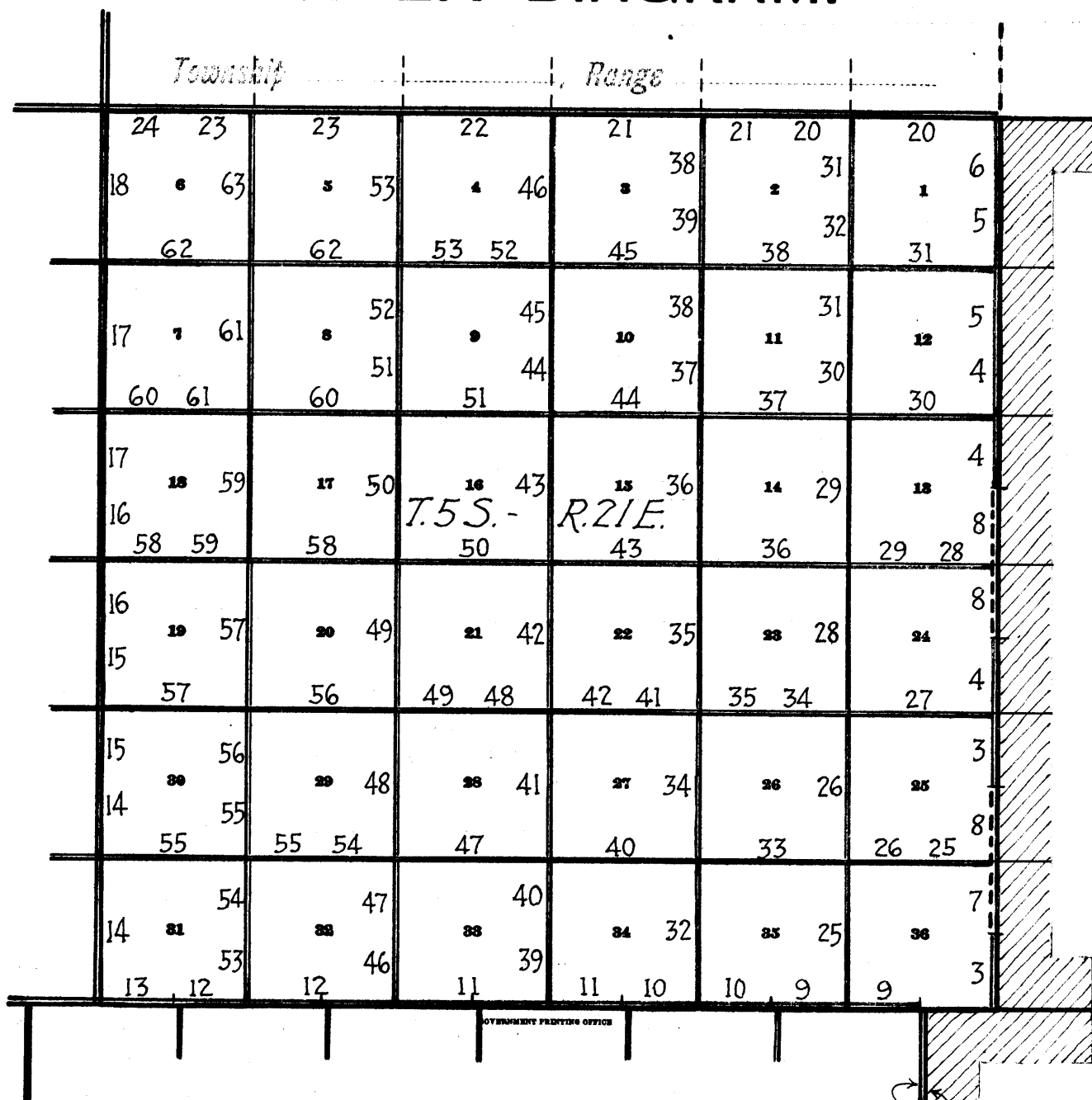
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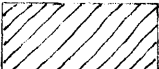
Book "C".

Group 141 - Arizona.

BOOK 3872

### INDEX DIAGRAM.



- Surveyed under this group.
- Retraced under this group.
- - - - - Resurveyed under this group.
- Accepted surveys, retracements or resurveys.
- - - - - Unsurveyed.
-  Areas surveyed as per accepted plats on file.

Surveyed under this group as East Body of T.6S., R.21E.  
 Surveyed in 1924 under Group 125 as West Body of T.6S., R.22E. only

Book "C"

Group 141 Arizona

Township 5 South, Range 21 East

DATE DIAGRAM

1928

BOOK 3872

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

1st Standard Parallel South

Surv. in 1924 by G.F. Sawyer, U.S.S.

————— Surveyed by William E. Hiester, <sup>U.S. Surveyor</sup> on dates shown thereon.

————— Retraced by Wm. E. Hiester, U.S.S. on dates shown thereon.

- - - - - Resurveyed by Wm. E. Hiester, U.S.S. on dates shown thereon.

————— Surveyed by Charles E. Hunter, U.S. Transitman, on dates shown thereon.

————— Accepted surveyed lines.

Retracements, resurveys and surveys herein described were executed on dates shown on diagram on page 1 hereof, by William E. Hiester, U.S. Surveyor, using Buff and Buff solar transit No. 19423, and Charles E. Hunter, U.S. Transitman, using Young and Sons light mountain transit No. 8584. Each instrument is equipped with full vertical circle and Smith solar attachment. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to 30" of arc. The verniers of the vertical circles and of the solar attachments read to 1' of arc. Unless otherwise specified all azimuth determinations are accomplished with the solar attachments.

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 Preliminary Test of Instruments.  
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April 1, 1928, at camp near cor. of secs. 3, 4, 9 and 10, T. 6 S., R. 21 E., G. & S. R. B. & M., Arizona, latitude  $32^{\circ}56'N.$ , longitude  $110^{\circ}11\frac{1}{2}'W.$ , examine the adjustments of the instruments and correct all errors; then, to test the solar apparatus by comparing their indications from observations made during a.m. and p.m. hours with a meridian established by Polaris observation at this point yesterday as described in Book "A" of this group, proceed as follows:

At 8h. Om., a.m. app. t., set off  $32^{\circ}56'N.$  on the latitude arcs,  $4^{\circ}38'N.$  on the declination arcs, and determine a meridian with each solar, both of which are found to agree with the true meridian.

At apparent noon, with the lat. arcs unchanged, observe the sun on the meridian, and obtain a reading on each decl. arc of  $4^{\circ}41'N.$ , which agrees with the computed declination of the sun.

At 4h. Om., p.m., app. t., with the lat. arcs unchanged, set off  $4^{\circ}45\frac{1}{2}'N.$  on the declination arcs, and determine a meridian with each solar, both of which agree with the true meridian.

As all of the solar observations taken during the usual hours of solar work come within 1' of the true meridian conclude that the adjustments of the instruments are satisfactory.

Unless otherwise specified all measurements are made with Lufkin steel tapes 5 chs. in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined with clinometer and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

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Retracement of Part of East Boundary of T. 5 S., R. 21 E.

chains

The East bdy. of T. 5 S., R. 21 E. was surveyed by P. Contzen U.S.D.S. in 1900, establishing all sec. and 1/4 sec. cor. monuments thereon with a common reference to areas on both sides of the line.

No retracement or resurvey of any part of the line is of record.

The following notes describe a retracement of S. 1/2 bet. secs. 31 & 36, N. 1/2 bet. secs. 25 & 30, S. 1/2 bet. secs. 19 & 24, N. 1/2 bet. secs. 13 & 18, mile bet. secs. 7 & 12, and mile bet. secs. 1 & 6.

The original std. cor. of Ts. 5 S., Rs. 21 & 22 E. on the 1st Std. Par. S., established in 1900 by P. Contzen, U.S.D.S. is a sandstone 14x12x12 ins. above ground, firmly set, marked SC on N. face, and 6 notches on each of E., W. and N. faces, and witnessed by a mound of stone N. of cor. No bearing trees.

Thence,

North, on random line, bet. secs. 31 and 36 (S. 1/2)

Over mountainous land, thru scattering timber and undergrowth. Descend 154 ft. over NW. slope.

10.75

Wash, 40 lks. wide, course NE. Enter rolling land.

Ascend 115 ft. over SE. slope.

30.00

Spur, slopes NE. Desc. 81 ft. over NW. slope to

40.23

Fall 9 lks. W. of the original 1/4 sec. cor. of secs. 31 & 36, which is a sandstone 12x10x6 ins. above ground, firmly set, marked 1/4 36 on W. face and 31 on E. face, and witnessed by a mound of stone W. of cor. No bearing trees.

True course & dist. of S. 1/2 of line bet. secs. 31 & 36 are therefore, N. 0° 8' E., 40.23 chs.

The original 1/4 sec. cor. of secs. 25 & 30 is a red granite stone 16x14x8 ins. above ground, firmly set, marked 1/4 25 on W. face and 30 on E. face, and witnessed by a mound of stone W. of cor. No bearing trees.

Thence,

North, on random line, bet. secs. 25 and 30 (N. 1/2)

Over mountainous land, thru scattering timber and undergrowth. Ascend 17 ft. over SE. slope.

1.50

Ridge, bears NE. and SW.

Descend 32 ft. over NW. slope.

6.00

Wash, 20 lks. wide, course NE.

Ascend 51 ft. over SE. slope.

12.40

Spur, slopes E.

Descend 46 ft. over N. slope.

13.80

Fence, bears E. and W.

16.30

Wash, 10 lks. wide, course E.

Ascend 40 ft. over S. slope.

20.00

Spur, slopes E. Descend 180 ft. over N. slope.

28.50

Wash, 100 lks. wide, course NE.

Ascend 63 ft. over SE. slope.

37.00

Spur, slopes E.

Descend 66 ft. over N. slope to

39.77

Fall 6 lks. E. of the original cor. of secs. 19, 24, 25 & 30, which is a granite stone, 16x14x12 ins. above ground, firmly set, marked with 2 notches on S. face and 4 notches on N. face, and witnessed by a mound of stone W. of cor., and two bearing trees:

a cedar, 24 ins. diam., N. 25° E., 138 lks. dist., marked T5S R22E S19 BT

a cedar, 14 ins. diam., S. 21 1/2° W., 119 lks. dist., marked T5S R21E S25 BT

True course and dist. of N. 1/2 of line bet. secs. 25 & 30 are therefore, N. 0° 5' W., 39.77 chs.

Land, mountainous and rolling.

Soil, gravelly, 3rd rate.

Timber, cedar, ash and pinyon.

Undergrowth, scrub mesquite, catclaw, yucca & cactus.

## 4 Retracement of Part of East Boundary of T.5 S., R.21 E.

chains.	From original cor. of secs. 19, 24, 25 & 30, North, on random line, bet. secs. 19 and 24 (S. $\frac{2}{3}$ ). Over mountainous land, thru scattering timber and under- growth. Descend 90 ft. over N. slope.
4.30	Wash, 20 lks. wide, course NE. Ascend 28 ft. over SE. slope.
6.20	Point of spur, slopes NE. Descend 91 ft. over N. slope to
11.00	Wash, 30 lks. wide, course NE. Descend 17 ft. over NE. slope to
14.00	Wash, 10 lks. wide, course NE. Ascend 20 ft. over SE. slope.
18.00	Descend 152 ft. over E. and NE. slopes.
31.70	Fence, bears N. 45° W. and S. 45° E.
33.00	Center of sandy wash, 200 lks. wide, course NW. Ascend 25 ft. over SW. slope.
37.10	Point of spur, slopes W. Descend 35 ft. over NW. slope.
39.65	Draw, course W. Thence along W. slope.
39.86	Fall 9 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 19 & 24, which is a sandstone, 12x10x8 ins. above ground, firmly set, marked $\frac{1}{4}$ 24 on W. face, and 19 on E. face, and wit- nessed by a mound of stone W. of cor. No bearing trees. True course & dist. of S. $\frac{2}{3}$ of line bet. secs. 19 & 24 are therefore, N. 0° 8' W., 39.86 chs. Land, mountainous and rolling. Soil, sandy and gravelly, 3rd rate. Timber, cedar and pinyon. Undergrowth, scrub mesquite, catclaw, yucca and cactus.
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	The original $\frac{1}{4}$ sec. cor. of secs. 13 & 18 is a granite stone 12x10x8 ins. above ground, firmly set, marked $\frac{1}{4}$ 13 on W. face, and 18 on E. face, and witnessed by a mound of stone W. of cor. No bearing trees. Thence, North, on random line, bet. secs. 13 and 18 (N. $\frac{2}{3}$ ) Over rolling land, thru scattering undergrowth. Ascend 16 ft. over SW. slope.
2.00	Spur, slopes SE. Ascend 34 ft. over E. slope to
15.00	Wash, 40 lks. wide, course SE. Ascend 86 ft. over SW. slope.
24.00	Spur, slopes SE. Descend 38 ft. over NE. slope.
30.45	Ascend gradually over E. slope to
37.00	Wash, 30 lks. wide, course SE. near head. Ascend 14 ft. over SE. slope to
39.99	Fall 10 lks. E. of original cor. of secs. 7, 12, 13 & 18, which is a granite stone 14x12x10 ins. above ground, firmly set, marked with 2 notches on N. face, and 4 notches on S. face, and witnessed by a mound of stone W. of cor. No bearing trees. True course & dist. of N. $\frac{2}{3}$ of line bet. secs. 13 & 18 are therefore, N. 0° 9' W., 39.99 chs. Land, rolling. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, scrub mesquite, catclaw, yucca and cactus.
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	From original cor. of secs. 7, 12, 13 and 18, North, on random line, bet. secs. 7 and 12 (S. $\frac{1}{2}$ ) Over rolling land, thru scattering undergrowth. Ascend 36 ft. over E. slope to
9.00	Wash, 20 lks. wide, course SE. Ascend 130 ft. over SW. slope.
22.00	Spur, slopes SE. Ascend 25 ft. over E. and SE. slopes to
26.50	Low spur, slopes E. Descend 48 ft. over N. slope.

chains	
31.00	Draw, course E. Ascend 30 ft. over S. slope.
34.00	Low spur, slopes E. Descend 46 ft. over N. slope.
37.00	Wash, 20 lks. wide, course E. Ascend 72 ft. over SE. slope to
39.94	Fall 10 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 7 & 12, which is a granite stone 12x10x8 ins. above ground, firmly set, marked $\frac{1}{4}$ 12 on W. face, and 7 on E. face, and witnessed by a mound of stone W. of cor. No bearing trees. True course & dist. of S. $\frac{1}{4}$ of line bet. secs. 7 and 12 are therefore, N.0° 9'W., 39.94 chs. Thence, North, on random line, bet. secs. 7 and 12 (N. $\frac{1}{4}$ ) Over rolling land, thru scattering undergrowth. Ascend slightly over SE. slope to
0.50	Point of spur, slopes SE. Ascend 20 ft. over E. slope to
4.50	Wash, 20 lks. wide, course SE. Ascend 65 ft. over SW. slope.
11.00	Spur, slopes SE. Ascend gradually over E. and SE. slopes to
15.00	Low spur, slopes E. Descend 63 ft. over N. slope.
20.00	Wash, 10 lks. wide, course E. Ascend 40 ft. over S. slope.
23.00	Point of spur, slopes SE. Ascend slightly over E. slope to
24.75	Draw, course SE. Ascend 35 ft. over SE. slope.
29.30	Spur, slopes NE. Descend 70 ft. over NW. slope.
34.20	Wash, 20 lks. wide, course NE. Descend 16 ft. over E. slope to
36.00	Point of spur, slopes NE. Descend 24 ft. over N. slope.
39.20	Wash, 20 lks. wide, course NE. Ascend slightly over SE. slope to
40.00	Fall 10 lks. E. of original cor. of secs. 1, 6, 7 and 12, which is a sandstone, 10x10x8 ins. above ground, firmly set, marked with 1 notch on N. face, and 5 notches on S. face, and witnessed by a mound of stone W. of cor. No bearing trees. True course & dist. of N. $\frac{1}{4}$ of line bet. secs. 7 and 12 are therefore, N.0° 9'W., 40.00 chs. Land, rolling. Soil, sandy and gravelly, 3 <sup>rd</sup> rate. Timber, none. Undergrowth, scrub mesquite, catclaw, yucca and cactus. ----- From original cor. of secs. 1, 6, 7 and 12, North, on random line, bet. secs. 1 and 6 (S. $\frac{1}{4}$ ) Over rolling land, thru scattering undergrowth. Ascend 34 ft. over SE. slope.
2.50	Point of spur, slopes SE. Descend 60 ft. over NE. slope.
20.00	Sandy wash, 100 lks. wide, course E. Ascend 22 ft. over SE. slope to
24.00	Wash, 50 lks. wide, course SE. Ascend 63 ft. over SE. slope to
40.12	Fall 10 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a granite stone, 12x10x6 ins. above ground, firmly set, marked $\frac{1}{4}$ 1 on W. face, and 6 on E. face, and witnessed by a mound of stone W. of cor. No bearing trees. True course & dist. of S. $\frac{1}{4}$ of line bet. secs. 1 and 6 are therefore, N.0° 9'W., 40.12 chs. Thence,

6 Retracement of Part of East Boundary of T.5 S., R.21 E.

chains	North, on random line, bet. secs. 1 and 6 (N. $\frac{1}{2}$ ) Over rolling land, thru scattering undergrowth. Ascend 15 ft. over SE slope to
2.50	Wash, 10 lks. wide, course SE. Ascend 27 ft. over SW. slope.
6.50	Spur, slopes SE. Descend 82 ft. over NE. slope.
12.74	Wash, 40 lks. wide, course E. Ascend 30 ft. over SE. slope to
15.00	Wash, 20 lks. wide, course SE. Ascend 60 ft. over S. slope.
22.50	Spur, slopes E. Descend 24 ft. over N. slope to
25.00	Wash, 10 lks. wide, course NE. Descend 18 ft. over NE. slope to
27.00	Draw, course E. Ascend gradually over rolling E. slope.
32.50	Wash, 40 lks. wide, course E. Ascend 36 ft. over S. slope.
39.00	Low spur, slopes E. Road, bears E. and W. Descend 11 ft. over N. slope to
39.94	Fall 10 lks. E. of original cor. of Ts. 4 & 5 S., Rs. 21 & 22 E., established by P. Contzen, U.S.D.S. in 1900, which is a granite stone, 12x12x10 ins. above ground, firmly set, marked with 6 notches on each of E., W., N. and S. faces, and witnessed by a mound of stone S. of cor. No bearing trees.

True course & dist. of N.  $\frac{1}{2}$  of line bet. secs. 1 and 6 are therefore, N. 0° 9' W., 39.94 chs.  
Land, rolling.  
Soil, sandy and gravelly, 3rd rate.  
Timber, none.  
Undergrowth, scrub mesquite, catclaw, yucca and cactus.

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Resurvey of Part of the East Boundary of T.5 S., R.21 E.

chains

The following notes describe a resurvey of the N. 1/2 of line bet. secs. 31 & 36, S. 1/2 of line bet. secs. 25 & 30, N. 1/2 of line, bet. secs. 19 & 24, and S. 1/2 of line bet. secs. 13 & 18, reestablishing the missing cor. of secs. 13, 18, 19 and 24 at midpoint bet. the original 1/4 sec. cor. of secs. 13 & 18 and the original 1/4 sec. cor. of secs. 19 & 24, and reconstructing the cor. of secs. 25, 30, 31 & 36 at its point of original location as determined by the record ties to the original SE. and SW. bearing trees thereto.

Retracement for Resurvey.

40.24 From original 1/4 sec. cor. of secs. 31 & 36, hereinbefore described, North, on random line, bet. secs. 31 and 36 (N. 1/2) Intersect the point of original location of the cor. of secs. 25, 30, 31 & 36, determined as hereinafter described.

True course & dist. of N. 1/2 of line bet. secs. 31 & 36 are therefore, North, 40.24 chs.

Thence.

39.84 North, on random line, bet. secs. 25 and 30 (S. 1/2) Fall 3 lks. E. of original 1/4 sec. cor. of secs. 25 and 30, hereinbefore described.

True course & dist. of S. 1/2 of line bet. secs. 25 and 30 are therefore, N. 0° 3' W., 39.84 chs.

40.00 From original 1/4 sec. cor. of secs. 19 and 24, North, on random line, bet. secs. 19 and 24 (N. 1/2) No trace of original cor. of secs. 13, 18, 19 & 24 can be found. Set temp. cor. of said secs. and continue measurement on random line bet. secs. 13 & 18 (S. 1/2)

79.92 Fall 14 lks. E. of original 1/4 sec. cor. of secs. 13 and 18. True course and dist. of Tp. bdy. bet. the said 1/4 sec. cor. are therefore, N. 0° 6' W., 79.92 chs., which, to maintain original proportion bet. cor. intervals, gives two intervals of 39.96 chs. each for the reestablishment of the missing sec. cor.

RESURVEY.

7.00 From original 1/4 sec. cor. of secs. 31 and 36, hereinbefore described, North, on true line, bet. secs. 31 and 36 (N. 1/2) Over rolling land, thru scattering timber and undergrowth. Descend 25 ft. over W. slope to

Spur, slopes NW. Descend 290 ft. over NE. slope to Black Rock Creek.

7.34 A point from which windmill bears N. 80° 8' W.

35.15 Road, bears E. and W.

37.75 Dry bed of Black Rock Creek, 100 lks. wide, course SE.

Ascend 16 ft. over SE. slope to

40.24 Intersect point of original location of the cor. of secs. 25, 30, 31 and 36, determined from two of the original bearing trees:

an ash, 12 ins. diam., S. 75° E., 195 lks. dist., illegibly marked.

a sycamore, 12 ins. diam., S. 83° W., 208 lks. dist., marked T5S R21E S36 BT

Reconstruct the sec. cor. monument at this point as follows: set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 25, 30, 31 & 36, marked on brass cap



1928

re-mark the old SE. bearing tree; T5S R22E S31 BT and establish two new bearing trees:

chains	<p>an ash, 12 ins.diam., N.58<math>\frac{1}{2}</math>°E., 79 lks.dist., marked T5S R22E S30 BT an ash, 8 ins.diam., N.74°W., 178 lks.dist., marked T5S R21E S25 BT Land, rolling. Soil, gravelly, 3rd rate. Timber, cedar, oak, ash and sycamore. Undergrowth, scrub mesquite, catclaw, oak, yucca and cactus.</p> <p>-----</p> <p>N.0° 3'W., on true line, bet. secs. 25 and 30 (S. <math>\frac{1}{2}</math>) Over rolling land, thru scattering timber and undergrowth. Ascend 20 ft. over SE. slope to 1.30 Wash, 20 lks. wide, course SE. Enter mountainous land. Ascend 320 ft. over SW. slope. 30.00 Spur, slopes SE. Descend 25 ft. over NE. slope. 33.30 Ascend 95 ft. over E. slope to 39.84 Intersect the original <math>\frac{1}{4}</math> sec. cor. of secs. 25 and 30, hereinbefore described. Land, rolling and mountainous. Soil, gravelly, 3rd rate. Timber, cedar, ash and pinyon. Undergrowth, scrub mesquite, catclaw, yucca and cactus.</p> <p>-----</p> <p>From original <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 24, hereinbefore described, N.0° 6'W., on true line, bet. secs. 19 and 24 (N. <math>\frac{1}{2}</math>) Over rolling land, thru scattering undergrowth. Ascend gradually over W. slope. 1.40 Wash, 10 lks. wide, course W. Asc. 35 ft. over S. slope. 3.70 Spur. slopes W. Desc. 17 ft. over N. slope. 6.90 Wash, 20 lks. wide, course W. Asc. 18 ft. over S. slope. 8.70 Spur, slopes W. Desc. 117 ft. over N. slope to 16.40 Foot of slope brs. E. and W. Enter nearly level land in Goodwin Valley. 19.90 Goodwin Wash, 100 lks. wide, course E. 31.70 Road, bears NE. and SW. 33.57 Old well bears E. 15 lks. dist. 36.00 Leave Goodwin Valley. Enter rolling land. Ascend 25 ft. over SW. slope to 39.96 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, for reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap,</p> <p style="text-align: center;">T5S R21E R22E S13   S18 ----- S24   S19 ----- 1928</p> <p>No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, scrub mesquite, catclaw &amp; cactus.</p> <p>-----</p> <p>N.0° 6'W., on true line, bet. secs. 13 and 18 (S. <math>\frac{1}{2}</math>) Over rolling land, thru scattering undergrowth. Ascend. 56 ft. over SW. slope. 3.80 Spur, slopes SE. Desc. 29 ft. over NE. slope. 9.30 Draw, course SE. Asc. 67 ft. over SW. slope 17.00 Spur, slopes SE. Desc. 25 ft. over NE. slope. 21.00 Wash, 40 lks. wide, course SE. Asc. 36 ft. over SE slope to 26.80 Wash, 20 lks. wide, course SE. Asc. 28 ft. over SE. slope to 37.50 Wash, 10 lks. wide, course SE. Asc. 15 ft. over SW. slope to 39.96 Intersect original <math>\frac{1}{4}</math> sec. cor. of secs. 13 &amp; 18, hereinbefore described. Land, rolling. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, scrub mesquite, catclaw &amp; cactus.</p> <p>-----</p>
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8372

Survey of Part(completion)of 1st Standard Parallel S. in R. 21 E. 9

chains

The 1st Standard Parallel South S.of E $\frac{1}{2}$  of sec.36, T.5 S.,R.21 E. was surveyed by G.F.Sawyer,U.S.S.in 1924, and no retracement or resurvey of such portion of the line is of record.

The west  $\frac{5}{8}$  miles of the parallel in R.21 E. were unsurveyed prior to February 1928, and the following notes describe the survey of such portion of the line, which completes the survey of the parallel in Range 21 East.

The std.  $\frac{1}{4}$  sec.cor.of sec.36,T.5 S.,R.21 E. is an iron post, 1 in.in diam.,projecting 24 ins.above ground,firmly set in ground and mound of stone,and properly marked on brass cap. No accessories.

Thence,

West, on true line,on S. bdy.of sec.36 (W. $\frac{1}{2}$ )

Over rolling land,thru scattering timber and undergrowth.

Ascend 153 ft.over SE. slope.

10.26 Fence, bears NE. and SW.

11.00 Spur, slopes NE.

Descend 132 ft.over NW. slope to

17.00 Head of draw, course NW.

Descend 60 ft.over N. slope to

21.00 Spur, slopes NW.

Descend 144 ft.over SW. slope to

28.00 Wash, 50 lks.wide,course NW.

Ascend 132 ft.over E. slope.

38.00 Spur, slopes NE.

Descend 5 ft.over N. slope to

40.00 Set an iron post, 3 ft.long, 2 ins.diam.,16 ins.in ground to bedrock,deposit a stone marked with a cross (X) at base of post,and raise a mound of stone around post, for std.cor.of secs.35 and 36,marked on brass cap

SC  
T5S | R21E  
S35 | S36

1928

No bearing trees available.

Land, rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, cedar.

Undergrowth, scrub mesquite,catclaw,yucca and cactus.

West, on true line, on S. bdy.of sec.35.

Over rolling land,thru scattering timber and undergrowth.

Ascend 20 ft.over N. slope.

1.10 Fence, bears NE. and SW.

4.00 Wash, 10 lks.wide, course NE. Enter mountainous land.

Ascend 134 ft.over SE. slope.

12.70 Spur, slopes NE.

Descend 168 ft.over NW. slope.

21.16 Wash, 30 lks.wide, course NE.

Ascend 200 ft.over SE. slope.

34.00 Spur, slopes NE.

Descend 163 ft.over NW. slope to

40.00 Set an iron post, 3 ft.long,1 in.in diam.,18 ins.in the ground to bedrock,deposit a stone marked with a cross (X) at base of post,and raise a mound of stone around post, for std. $\frac{1}{4}$  sec.cor.of sec.35,marked on brass cap

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

1928

10 Survey of Part(completion)of 1st Standard Parallel S.in R.21 E.

chains from which,  
 a cedar, 14 ins.diam., brs. N.62°W., 95 lks.dist.,  
 marked SC ¼ S35 BT  
 No other bearing tree available.

41.60 Descend 40 ft.over NW. slope.  
 Wash, 20 lks.wide, course N.  
 Ascend 118 ft.over E. slope.

50.00 Spur, slopes NE.  
 Descend 280 ft.over NW. slope.

70.50 Wash, 20 lks.wide, course NW.  
 Ascend 70 ft.over NE. slope.

76.70 Point of spur, slopes NW.  
 Descend 52 ft.over NW. slope to

80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 28 ins.in  
 ground, for std.cor.of secs.34 and 35, marked on brass  
 cap

SC  
 T5S R21E  
 S34 S35

1928

No bearing trees available.  
 Raise a mound of stone, 3 ft.base, 2½ ft.high, N.of cor.

Land, rolling and mountainous.  
 Soil, sandy and gravelly, 3rd rate.  
 Timber, cedar and pinyon.  
 Undergrowth, scrub oak, mesquite and catclaw.

-----

West, on true line, on S.bdy.of sec.34.  
 Over mountainous land, thru scattering timber and under-  
 growth.  
 Descend 38 ft.over NW. slope.

2.16 Dry bed of Black Rock Creek, 100 lks.wide, course NE.  
 Ascend 170 ft.over E. slope.

15.50 Point of spur, slopes NE.  
 Ascend 25 ft.over N. slope.

19.00 Descend 36 ft.over NW. slope.

20.80 Head of draw, course NE.  
 Asc. 384 ft.over steep broken NE.slope to W.C. to std.  
 ¼ sec.cor.of sec.34.

40.00 True point for std.¼ sec.cor.of sec.34 falls on steep  
 side of rock, where it is impracticable to set monument  
 therefore establish W.C. at 4.13 chs. W.

44.13 Set an iron post, 3 ft.long, 1 in.in diam., 28 ins.in the  
 ground, for witness cor.to std.¼ sec.cor.of sec.34,  
 marked on brass cap

SC  
 ¼ S34 WC

1928

from which,  
 a pinyon, 14 ins.diam., brs. N.77½°E., 173 lks.dist.,  
 marked SC ¼ S34 WC BT  
 a pinyon, 8 ins.diam., brs. N. 9°W., 84 lks.dist.,  
 marked SC ¼ S34 WC BT  
 This witness cor.is at foot of Black Rock Bluff, 100 ft.  
 high, bearing NW. and SE., facing NE.  
 Discontinue chaining on parallel at this point and avoid  
 face of Black Rock Bluff by an offset line along the  
 foot of the bluff as follows:

North, 2.20 chs.  
 West, 14.87 "  
 South, 2.20 " returning to point on  
 S.bdy.of sec.34 at

Survey of Part (completion) of 1st Standard Parallel S. in R.21 E. 11

chains  
59.00

Offset point at foot of Black Rock Bluff, bearing NE. and SW., facing NW. This point is 140 ft. above the W.C. to std.  $\frac{1}{4}$  sec. cor. of sec. 34.

60.00

Thence on parallel, continuing measurement of S. bdy. of sec. 34.  
Descend 24 ft. over NW. slope to Head of draw, course NW.  
Descend 330 ft. over steep broken NW. slope to wash at 73.00 ch. station.

62.00  
73.00

Pass between Black Rock Bluffs, bears S. 4 chs. dist.  
Wash, 20 lks. wide, course NW. Enter rolling land.  
Descend 52 ft. over NW. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for std. cor. of secs. 33 and 34, marked on brass cap

SC  
T5S | R21E  
S33 | S34

1928

from which,  
a hackberry, 6 ins. diam., brs. N. 41 $\frac{1}{2}$ ° E., 57 lks. dist., marked T5S R21E S34 SC BT  
a hackberry, 6 ins. diam., brs. N. 49 $\frac{1}{2}$ ° W., 47 lks. dist., marked T5S R21E S33 SC BT

Land, mountainous and rolling.  
Soil, rocky, 4th rate.  
Timber, cedar, pinyon, oak and hackberry.  
Undergrowth, scrub oak, mesquite and catclaw.

2.60

West, on true line, on S. bdy. of sec. 33.  
Over rolling land, thru scattering timber and undergrowth.  
Descend 20 ft. over NW. slope to

9.60

Wash, 10 lks. wide, course NW. Desc. gradually over NW. slope.  
Wash, 5 lks. wide, course N.  
Ascend 73 ft. over NE. slope to std.  $\frac{1}{4}$  sec. cor.

26.50

Road, bears NE. and SW.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor. of sec. 33, marked on brass cap

SC  
 $\frac{1}{4}$  S33

1928

from which,  
a white oak, 4 ins. diam., brs. N. 2 $\frac{1}{2}$ ° E., 131 lks. dist., marked SC  $\frac{1}{4}$  S33 BT  
a white oak, 4 ins. diam., brs. N. 65° W., 326 lks. dist., marked SC  $\frac{1}{4}$  S33 BT  
Highest peak of Mt. Turnbull brs. N. 22° 41' W.

45.10

Ascend 23 ft. over NE. slope to Wash, 10 lks. wide, course NE. Asc. 70 ft. over NE. slope to

53.80

Wash, 20 lks. wide, course NE. Asc. 100 ft. over NE. slope to

65.20

Wash, 20 lks. wide, course NE. Asc. 20 ft. over SE. slope to

69.70

Wash, 20 lks. wide, course SE. Asc. 46 ft. over SE. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for std. cor. of secs. 32 and 33, marked on brass cap

SC  
T5S | R21E  
S32 | S33

1928

No bearing trees available.

12 Survey of Part(completion) of 1st Standard Parallel S. in R.21 E.

chains

Raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.

Land, rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, oak, pinyon and cedar.

Undergrowth, scrub mesquite, and oak, catclaw and yucca.

-----

West, on true line, on S. bdy. of sec. 32.

Over rolling and mountainous land, thru scattering timber and undergrowth.

Ascend 84 ft. over broken SE. and S. slopes to

26.22 Wash, 15 lks. wide, course SE.

Ascend 56 ft. over NE. slope.

37.00 Spur, slopes SE.

Desc. 12 ft. over SW. slope.

39.70 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness cor. to std. ¼ sec. cor. of sec. 32, marked on brass cap

SC

WC ¼ S32

1928

No bearing trees available.

Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

40.00 True point for std. ¼ sec. cor. of sec. 32 falls in wash, 10 lks. wide, course SW., where it is impracticable to set monument, therefore establish W.C. at 0.30 chs. E.

Descend 58 ft. over SW. slope.

47.19 Wash, 10 lks. wide, course SE.

Ascend 51 ft. over E. slope.

54.00 Spur, slopes S. Desc. 20 ft. over W. slope.

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

Ascend 235 ft. over E. slope.

70.40 Spur, slopes S. Descend 25 ft. over W. slope.

72.50 Wash, 10 lks. wide, course S.

Ascend 80 ft. over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. cor. of secs. 31 and 32, marked on brass cap

SC

T5S | R21E  
S31 | S32

1928

No bearing trees available.

Land, rolling and mountainous.

Soil, gravelly and rocky, 4th rate.

Timber, cedar, pinyon and oak.

Undergrowth, scrub mesquite, and oak, catclaw and yucca.

-----

West, on true line, on S. bdy. of sec. 31.

Over mountainous land, thru scattering timber and undergrowth.

Ascend 260 ft. over SE. slope.

11.50 Spur, slopes S.

Descend 17 ft. over W. slope.

15.00 Wash, 10 lks. wide, course SE.

Ascend 65 ft. over NE. slope to

19.40 Same wash, 10 lks. wide, course NE.

Ascend 243 ft. over SE. slope to

26.00 Same wash, 10 lks. wide, course SE.

Ascend 220 ft. over NE. slope to

Survey of Part(completion)of 1st Standard Parallel S. in R.21 E. 13

chains  
40.00 Set an iron post, 3 ft.long, 1 in.in diam.,6 ins.in the ground to bedrock,and raise a mound of stone around post,for std.  $\frac{1}{4}$  sec.cor.of sec.31,marked on brass cap

SC  
 $\frac{1}{4}$  S31  
1928

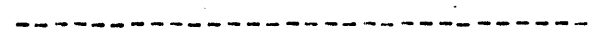
from which,  
a pinyon,12 ins.diam., brs. N.18 $\frac{3}{4}$ °E.,287 lks.dist.,  
marked SC  $\frac{1}{4}$  S31 BT  
a cedar, 12 ins.diam., brs. N.69 $\frac{3}{4}$ °E.,161 lks.dist.,  
marked SC  $\frac{1}{4}$  S31 BT

48.88 Ascend 340 ft.over broken NE. slope.  
Spur, slopes SE.  
Descend 222 ft.over SW. slope.  
58.00 Saddle in ridge bearing NE. and SW.  
Ascend 21 ft.over NE. slope to  
65.45 Wash, 10 lks.wide, course NE. near head.  
Ascend 356 ft.over broken NE. slope to  
80.00 Set an iron post, 3 ft.long, 3 ins.diam.,28 ins.in the ground,for std. cor.of Ts.5 S.,Rs.20 and 21 E.,  
marked on brass cap

SC  
T5S  
R20E | R21E  
S36 | S31  
1928

from which,  
a pinyon,10 ins.diam., brs. N.5°E., 52 lks.dist.,  
marked T5S R21E S31 SC BT  
a pinyon,12 ins.diam., brs. N.41°W., 76 lks.dist.,  
marked T5S R20E S36 SC BT

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, cedar,pinyon and oak.  
Undergrowth, scrub oak,manzanita,mesquite,cactlaw and yucca.



## 14 Survey of West Boundary of Township 5 South, Range 21 East.

chains	From the std.cor.of Ts.5 S.,Rs.20 and 21 E.,on the 1st Std.Par.S.,hereinbefore described, North, on true line,bet.secs.31 and 36. Over mountainous land,thru scattering timber and undergrowth. Descend 160 ft.over NE. slope to Head of wash, course NW. Descend 640 ft.over broken NW. slope. Wash, 30 lks.wide,course NE. Ascend 52 ft.over SE. slope to Set an iron post,3 ft.long,1 in.in diam.,28 ins.in the ground,for $\frac{1}{4}$ sec.cor.of secs.31 and 36,marked on brass cap
7.00	
27.90	
40.00	
	$\frac{1}{4}$ S36   S31 1928
	from which a white oak, 5 ins.diam., brs.S.60 $\frac{1}{4}$ °E., 40 lks.dist., marked $\frac{1}{4}$ S31 BT a white oak, 7 ins.diam., brs.S.24 $\frac{3}{4}$ °W., 36 lks.dist., marked $\frac{1}{4}$ S36 BT Ascend slightly over SE. slope.
40.50	Low spur, slopes NE. Descend 56 ft.over NW. slope.
44.10	Wash, 40 lks.wide, course E. Ascend 608 ft.over broken S. slope.
68.50	Ridge, bears NE. and SW. Descend 66 ft.along W. slope to
74.72	Head of wash, course SW. Ascend 70 ft.over SW. slope to
80.00	Set an iron post, 3 ft.long,2 ins.in diam.,28 ins.in the ground,for cor.of secs.25,30,31 and 36, marked on brass cap
	T5S R20E   R21E S25   S30 S36   S31 1928
	from which, a cedar, 24 ins.diam., brs.N.13 $\frac{1}{4}$ °E., 189 lks.dist., marked T5S R21E S30 BT a pinyon, 4 ins.diam., brs.S.32 $\frac{1}{4}$ °E., 72 lks.dist., marked T5S R21E S31 BT a pinyon,10 ins.diam., brs.S.0°30'W.,279 lks.dist., marked T5S R20E S36 BT a pinyon,12 ins.diam., brs.N. 4°W., 43 lks.dist., marked T5S R20E S25 BT
	Land, mountainous. Soil, rocky, 4th rate. Timber, cedar,pinyon and oak. Undergrowth, scrub oak,manzanita,mesquite and catclaw.
	-----
	North, on true line, bet.secs.25 and 30. Over mountainous land,thru scattering timber and undergrowth. Ascend 74 ft.over SW. slope to Spur, slopes SE. Ascend 296 ft.over E. slope to Ridge, bears NE. and SW Descend 238 ft.over NW. slope. Wash, 20 lks.wide, course E. Ascend 214 ft.over S. slope to Set an iron post, 3 ft.long, 1 in.in diam.,10 ins.in the ground to bedrock,and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor.of secs.25 and 30, marked on brass cap
2.78	
17.40	
30.14	
40.00	



1892, 1912

Chains

$\frac{1}{4}$   
 S25 | S30  
 1928

- from which,
- a pinon, 10 ins. diam., brs. S. 59 $\frac{1}{2}$ ° E., 61 lks. dist., marked  $\frac{1}{4}$  S 30 B T.
- a pinon, 8 ins. diam., brs. N. 73 $\frac{1}{2}$ ° W., 79 lks. dist., marked  $\frac{1}{4}$  S 25 B T.
- Ascend 25 ft. over S. slope.
- 41.80 Spur, slopes E.
- Descend 149 ft. over broken E. slope.
- 56.20 Head of wash, 10 lks. wide, course E.
- Ascend 71 ft. over SE. slope.
- 65.00 Spur, slopes NE.
- Thence along E. slope.
- 72.00 Descend 526 ft. over NE. slope.
- 79.85 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base 26 ins. high, for witness cor. to cor. of secs. 19, 24, 25 and 30, marked on brass cap

WC  
 T5S  
 R20E | R21E  
 S 24 | S 19  
 -----  
 S 25 | S 30  
 1928

- from which,
- a cedar, 10 ins. diam., brs. N. 33 $\frac{1}{2}$ ° E., 70 lks. dist., marked T 5 S R 21 E S 19 W C B T.
- a pinon 12 ins. diam., brs. S. 9° E., 9 lks. dist., marked T 5 S R 21 E S 30 W C B T.
- a pinon, 14 ins. diam., brs. S. 54 $\frac{1}{4}$ ° W., 41 lks. dist., marked T 5 S R 20 E S 25 W C B T.
- a pinon, 6 ins. diam., brs. N. 27 $\frac{1}{4}$ ° W., 34 lks. dist., marked T 5 S R 20 E S 24 W C B T.
- 80.00 True point for cor. of secs. 19, 24, 25 and 30, falls on solid rock a place impracticable to set monument.
- Land, mountainous.
- Soil, rocky 4th rate.
- Timber, scattering cedar, pinon and oak.
- Undergrowth, scattering manzanita, scrub oak and yucca.

-----

From true point for cor. of secs. 19, 24, 25 and 30, North, on a true line, bet. secs. 19 and 24. Over mountainous land, through scattering timber and undergrowth.

- Descend 653 ft. over NE. slope.
- 2.50 Wash, 10 lks. wide, course N. 10° W.
- 3.80 Wash, 15 lks. wide, course NW.
- 6.80 Same wash, 15 lks. wide, course NE.
- 8.56 Same wash, 15 lks. wide, course NW.
- Thence along NW. slope.
- 23.00 Same wash, 25 lks. wide, course NE.
- Ascend 11 ft. along NE. slope.
- 30.34 Rocky spur, slopes E.
- Descend 187 ft. over NE. slope.
- 36.90 Deep wash, 10 lks. wide, course NE.
- Ascend 173 ft. over SE. slope.
- 39.00 Low spur slopes E.
- Descend 11 ft. along E. slope.
- 40.00 True point for  $\frac{1}{4}$  sec. cor. falls on SE. face of cliff, a place impracticable to set monument.

Chains.

40.73 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base, 22 ins. high, for witness cor. to  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
S24 | S19  
WC  
1928

from which,  
a pinon, 14 ins. diam., brs. S. 88° W., 92 lks. dist., marked  $\frac{1}{4}$  S 24 W C B T.

No other bearing tree available.

46.00 Rocky spur. slopes E.

Descend 642 ft. over NE. slope.

50.20 Wash, 15 lks. wide, course NE.

73.74 Creek, 5 lks. wide, course E.

Ascend 132 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap

T5S  
R20E R21E  
S 13 | S 18  
-----  
S 24 | S 19  
1928

No bearing trees available.

Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor.

Land, mountainous.

Soil, rocky 4th rate.

Timber, scattering, cedar, pinon and oak.

Undergrowth, scattering manzanita, scrub oak and juniper.

North, on a true line; bet. secs. 13 and 18.

Over mountainous land, through, scattering timber and undergrowth.

Ascend 144 ft. over S. slope.

5.90 Ridge, brs E and W.

Descend 265 ft. over N. slope.

10.70 Wash, 15 lks. wide, course E.

Ascend 45 ft. over S. slope.

23.50 Head of draw, course E.

25.90 Spur. slopes NE.

Descend 276 ft. over NW. slope.

34.77 Wash, 15 lks. wide, course E.

Ascend 68 ft. over S. slope.

35.00 Old corrals, brs. E. about 30 chs. dist.

39.40 Spur. slopes E.

Descend 10 ft. along E. slope.

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

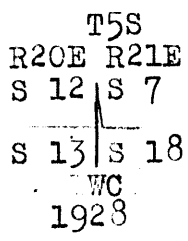
$\frac{1}{4}$   
S13 | S18  
1928

from which,  
a cedar, 10 ins. diam., brs. S. 38 $\frac{1}{2}$ ° E., 148 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

a cedar, 12 ins. diam., brs. S. 70° W., 155 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

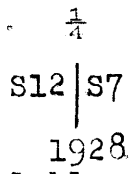
Survey of West bdy. of T. 5 S., R. 21 E.

Chains Descend 71 ft. over N. slope.  
 44.30 Wash, 10 lks. wide, course E.  
 Ascend 156 ft. over S. slope.  
 51.90 Spur, slopes SE.  
 Descend 296 ft. over NE. slope.  
 80.00 True point for cor. of secs. 7, 12, 13 and 18, falls in  
 Goodwin Creek, 100 lks. wide, course SE. from NE.  
 81.49 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (x) at base of post, raise a mound of stone  
 around post, 5 ft. base 24 ins. high, for witness cor.  
 of secs. 7, 12, 13 and 18, marked on brass cap



from which,  
 a cedar 14 ins. diam., brs. S. 30 1/2° E., 215 lks. dist.,  
 marked T 5 S R 21 E S 18 W C B T.  
 a cedar, 12 ins. diam., brs. S. 34 1/2° W., 318 lks. dist.,  
 marked T 5 S R 20 E S 13 W C B T.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, scattering cedar, pinon and oak.  
 Undergrowth, scattering manzanita, scrub oak, mesquite  
 catclaw and yucca.

-----  
 From true point for cor. of secs. 7, 12, 13 and 18,  
 North, on a true line, bet. secs. 7 and 12.  
 Over mountainous land, through scattering timber and  
 undergrowth. Descend 17 ft. along E. slope.  
 1.49 Witness corner, hereinbefore described.  
 5.77 Goodwin Creek, 50 lks. wide, course E.  
 7.00 Branch of Goodwin Creek, course SE.  
 Ascend 391 ft. over SE. slope.  
 33.60 Low spur, slopes SE. continue ascending SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (x) at base of post, raise a mound of stone  
 around post, 4 ft. base, 22 ins. high, for 1/4 sec. cor.  
 marked on brass cap



No bearing trees available.  
 Ascend 49 ft. over SE. slope.  
 42.30 Low spur, slopes E.  
 Descend 79 ft. along E. slope.  
 46.50 Wash, 10 lks. wide, course E.  
 Ascend 109 ft. along E. slope.  
 52.00 Spur, slopes SE.  
 Descend 171 ft. over NE. slope.  
 61.00 Wash, 15 lks. wide, course SE.  
 Ascend 160 ft. over S. slope.  
 64.40 Trail, brs. SE and NW.  
 75.30 Wash, 10 lks. wide, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in  
 the ground, for cor. of secs. 1, 6, 7 and 12, marked  
 on brass cap

18

Survey of West bdy. of T.5 S., R. 21 E.

Chains.

T5S	
R20E	R21E
S 1	S 6
-----	
S 12	S 7
1928	

No bearing trees available.

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. Land, mountainous.

Soil, rocky 4th rate.

Timber, scattering, cedar, pinon and oak.

Undergrowth, scattering scrub oak, manzanita, mesquite catclaw and yucca.

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

Over mountainous land, through scattering timber and undergrowth.

Ascend 396 ft. over S. slope.

17.50 Spur ridge, slopes SW.

Thence along W. slope.

21.30 Descend 313 ft. over NW. slope.

34.50 Wash, 20 lks. wide, course SW..

Ascend 125 ft. over SW. slope.

39.80 Spur, slopes SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base 16 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap $\frac{1}{4}$ 

S 1	S 6
-----	-----

1928

No bearing trees available.

Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor.

Thence along E. slope.

44.80 Wash, 5 lks. wide, course SE.

Ascend 304 ft. over SE. slope.

60.60 Spur, slopes SW.

Descend 196 ft. over NW. slope.

66.24 Wash, 10 lks. wide, course W.

Ascend 74 ft. over S. slope.

70.50 Low spur, slopes W.

Descend 40 ft. over NW. slope.

76.20 Wash, 10 lks. wide, course SW.

Ascend 75 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor of Ts. 4 and 5 S., Rs. 20 and 21 E., marked on brass cap

T4S

R20E	R21E
S 36	S 31

S 1	S 6
-----	-----

T5S	
1928	

from which,

a pinon, 6 ins. diam., brs. N.  $65\frac{1}{4}^{\circ}$  E., 145 lks. dist., marked T 4 S R 21 E S 31 B T.a cedar 3 ins. diam., brs. S.  $4\frac{1}{2}^{\circ}$  E., 186 lks. dist., marked B T only.a cedar, 3 ins. diam., brs. S.  $8\frac{1}{2}^{\circ}$  W., 232 lks. dist., marked B T only.a pinon, 12 ins. diam., brs. N.  $76^{\circ}$  W., 364 lks. dist., marked T 4 S R 20 E S 36 B T.

Chains.

Monument on top of Mt, Turnbull brs. N.17°02'W.  
Highest peak W. of monument brs. N.22°47'W.  
Land, mountainous.  
Soil, rocky 4th rate.  
Timber, scattering, cedar, pinon and oak.  
Undergrowth, scattering, mesquite, manzanita, scrub oak  
and yucca.

---

20

Survey of the N. bdy. of T. 5 S., R. 21 E.

Chains From the cor. of Tps. 4 and 5 S., Rs. 20 and 21 E., herein before described.

East, on a random line along the N. bdy. of T. 5 S., R. 21 E., setting temp.  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 31 at 38.50 chs. and the remainder of the temp. cors along the bdy. at intervals of 40.00 chs.

478.51 Fall 29 lks. N. of the cor. of Tps. 4 and 5 S., Rs. 21 and 22 E., hereinbefore described. The falling answers to a correction of 0°2' or 5.5 lks. S. per mile, counting from the NW. cor. of Tp.

Thence, N. 89°58' W., on a true line, bet. secs. 1 and 36. Over rolling land, through scattering timber and undergrowth.

Ascend 55 ft. over NE. slope.

3.60 Road, brs. SE and NW.

3.70 Low spur, slopes SE.

ascend 72 ft. along SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 26 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap

S 36  
 $\frac{1}{4}$  ———  
S 1  
1928

49.30 No bearing trees available.

Draw. course SE.

Ascend 64 ft. over NE. slope.

63.50 Low spur, slopes SE.

Descend 34 ft. over SW. slope.

70.50 Wash, 10 lks. wide, course SE.

Ascend 32 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, to bed rock, deposit a stone marked with a (X) at base of post, raise a mound of stone around post, 3 ft. base, 20 ins. high, for cor. of secs. 1, 2, 35 and 36, marked on brass cap

T4SR21E  
S 35 S36  
+  
S 2 | S 1  
T5S  
1928

from which,

a cedar, 36 ins. diam., brs. N. 74° W., 315 lks. dist., marked T 4 S R 21 E S 35 B T.

No other bearing trees available.

Land, rolling.

Soil, sandy and gravelly 3rd rate.

Timber, cedar.

Undergrowth, mesquite. catclaw, yucca and grass.

N. 89°58' W., on a true line, bet. secs. 2 and 35. Over rolling land, through scattering undergrowth. Ascend 91 ft. ove NE. slope.

12.00 Spur, slopes SE.

Descend 46 ft. over SW. slope.

24.50 Wash, 30 lks. wide course SE.

35.30 Wash, 20 lks. wide, course NE.

Ascend 84 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

Chains the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   $\frac{S35}{1928}$   
 S 2

No bearing trees available.  
 Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. of cor.  
 Ascend 126 ft. over SE. slope.

51.00 Spur, slopes SE.  
 Descend 60 ft. over SW. slope.

61.80 Wash, 20 lks. wide, course SE.  
 Ascend 87 ft. over NE. slope.

73.00 Low spur, slopes SE.  
 Thence along S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 2; 3, 34 and 35, marked on brass cap.

T4S R21E  
 S34 S35  
 S 3 | S 2  
 T5S  
 1928

No bearing trees available.  
 Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor.  
 Land, rolling.  
 Soil, sandy and gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca, cactus and grass.

-----

N. 89° 58' W., on a true line, bet: secs. 3 and 34.  
 Over rolling land, through scattering undergrowth.  
 Ascend 25 ft. along S. slope.

18.90 Wash, 20 lks. wide, course SE.  
 Ascend 140 ft. over NE. slope.

33.00 Spur, slopes SE.  
 Thence along spur ridge.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 2 ft. base, 16 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   $\frac{S34}{1928}$   
 S. 3

No bearing trees available.  
 Raise a mound of stone, 4 ft. base 2 $\frac{1}{2}$  ft. high, N. of cor.

43.00 Descend 23 ft. over NW. slope.

49.30 Wash, 20 lks. wide, course SE.  
 Ascend 134 ft. over NE. slope.

67.00 Spur, slopes SE.  
 Descend 71 ft. over SW. slope.

79.40 Wash, 6 lks. wide, course S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base 26 ins. high, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T4SR21E  
 S33 S34  
 S 4 | S 3  
 T5S  
 1928

## Chains

No bearing trees available  
 Land, rolling.  
 Soil, sandy and gravelly.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

-----  
 N. 89° 58' W., on a true line, bet. secs. 4 and 33.  
 Over rolling land, through scattering timber and undergr-  
 owth.

- 4.60 Wash, 20 lks. wide, course SE.  
 Ascend 115 ft. over NE. slope.  
 17.80 Spur ridge, slopes N.  
 Descend 23 ft. over W. slope.  
 20.00 Head of draw, course SE.  
 Ascend 102 ft. over E. slope.  
 29.00 Spur, slopes SE.  
 Descend 152 ft. over SW. slope.  
 39.00 Wash, 6 lks. wide, course S.  
 Corral brs. S. about 5 chs. dist.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the  
 ground to bed rock, raise a mound of stone around post,  
 3 ft. base 22 ins. high, for  $\frac{1}{4}$  sec. cor. marked on  
 brass cap

S 33  
 $\frac{1}{4}$  ———  
 S 4  
 1928

From which,

- a cedar, 6 ins. diam., brs. N. 46° E., 106 lks. dist.,  
 marked  $\frac{1}{4}$  S 33 B T.  
 a cedar, 6 ins. diam., brs. S. 7 $\frac{1}{2}$ ° W., 86 lks. dist.,  
 marked  $\frac{1}{4}$  S 4 B T.  
 Descend 25 ft. over SW. slope.  
 40.70 Wash, 20 lks. wide, course SE.  
 Ascend 132 ft. over NE. slope.  
 52.50 Short spur, slopes SE.  
 Descend 88 ft. over SW. slope.  
 68.30 Rocky wash, 20 lks. wide, course SE.  
 Thence along wash.  
 73.00 Leave wash, from NW.  
 75.00 Same wash, 20 lks. wide, course NE.  
 75.40 Same wash, 20 lks. wide, course SE.  
 Ascend 122 ft. over NE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in  
 the ground for cor. of secs. 4, 5, 32 and 33, marked  
 on brass cap

T4SR21E  
 S32 | S33  
 ———  
 S 5 | S 4  
 T5S  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$  ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, cedar.  
 Undergrowth, mesquite, catclaw, yucca and grass.

-----



Survey of the N. bdy. of T. 5 S., R. 21 E.

Chains N. 89° 58' W., on a true line, bet. secs. 5 and 32.  
 Over rolling land, thru scattering timber and undergrowth.  
 Ascend 75 ft. over NE. slope.  
 6.00 Spur, slopes NW. Descend 67 ft. over W. slope.  
 9.70 Draw, course SE. Ascend 87 ft. over NE. slope.  
 10.00 Spur, slopes SE. Descend 192 ft. over SW. slope.  
 24.80 Wash, 20 lks. wide, course S. Ascend 103 ft. over E. slope.  
 29.00 Small knoll. Descend 131 ft. over W. slope.  
 34.00 Wash, 30 lks. wide, course SE.  
 Ascend 158 ft. over NE. slope.  
 39.50 Spur, slopes SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in  
 the ground, deposit a stone marked with a cross (X)  
 alongside of post, for 1/4 sec. cor. marked on brass  
 cap

$\frac{1}{4}$  S 32  
S 5  
 1928

From which, a cedar, 12 ins. diam., brs. S. 16 3/4° E., 73  
 lks. dist., marked 1/4 S 5 B T.

No other bearing tree available.

41.00 Spur ridge, brs. SE. and NW.  
 Descend 160 ft. over SW. slope.  
 44.50 Wash, 10 lks. wide, course S.  
 53.40 Wash, 40 lks. wide, course SE.  
 Ascend 348 ft. over NE. slope.  
 60.60 Wash, 10 lks. wide, course NE.  
 73.00 Spur, slopes SE. Descend 79 ft. over SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in  
 the ground, deposit a stone marked with a cross (X)  
 alongside of post, for the cor. of secs. 5, 6, 31 and  
 32, marked on brass cap

T 4 S R 21 E  
S 31 | S 32  
S 6 | S 5  
 T 5 S  
 1928

From which

A cedar, 12 ins. diam., brs. S. 76° W., 174 lks. dist.,  
 marked T 5 S R 21 E S 6 B T.

A pinyon, 4 ins. diam., brs. N. 79° W., 214 lks. dist.,  
 marked T 4 S R 21 E S 31 B T.

No other bearing trees available.

Land, rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, scrub mesquite, catclaw, yucca and grass.

N. 89° 58' W., on a true line, bet. secs. 6 and 31.  
 Over rolling land, thru scattering timber and undergrowth.

.50 Low saddle brs. NW. and SE.  
 Ascend 120 ft. over SE. slope.  
 10.50 Spur, slopes N. Descend 153 ft. over NW. slope.  
 35.74 Wash, 15 lks. wide, course NE., thence along S. slope.

BOOK 3872

Survey of the N. bdy. of T. 5 S., R. 21 E.

Chains  
401.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 31}{S\ 6^{\circ}}$   
1928

No bearing trees available.  
Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. of cor.  
41.00 Head of draw, course NW. Ascend 16 ft. over NE. slope.  
43.00 Low spur, slopes NW. Descend 81 ft. over SW. slope.  
50.61 Wash, 10 lks. wide, course SW.  
51.71 Wash, 10 lks. wide, course S.  
58.71 Wash, 15 lks. wide, course SE.  
Ascend 170 ft. over NE. slope.  
67.40 Ridge, brs. SE. and NW.  
Descend 179 ft. over NW. slope.  
74.51 Wash, 10 lks. wide, course SW.  
Ascend 30 ft. over SE. slope.  
78.00 Low spur, slopes S. Descend along SW. slope.  
78.51 The cor. of Ts. 4 and 5 S., Rs. 20 and 21 E., herein-  
before described.  
Land, rolling.  
Soil, gravelly, 3rd rate.  
Timber, cedar and pinyon.  
Undergrowth, scrub oak, mesquite, catclaw and yucca.

Boundaries of Township 5 South, Range 21 East.  
Latitudes, departures and closing errors.

Line designated	True course	Dist- ance.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary (1st Std. Par. S.)	West	480.00				480.00
West Boundary	North	480.00	480.00			
North Boundary	S. 89° 58' E.	478.51		.28	478.51	
East Boundary	S. 0° 9' E.	199.99		199.99	.52	
	S. 0° 6' E.	79.92		79.92	.14	
	S. 0° 8' E.	39.86		39.86	.09	
	S. 0° 5' E.	39.77		39.77	.06	
	S. 0° 3' E.	39.84		39.84	.03	
	South	40.24		40.24		
	S. 0° 8' W.,	40.23		40.23		.09
Convergency					.47	
<b>Totals</b>			<b>480.00</b>	<b>480.13</b>	<b>479.82</b>	<b>480.09</b>
				<b>480.00</b>		<b>479.82</b>
<u>Error in latitude</u>				<b>0.13</b>		
<u>Error in departure</u>					<b>0.27</b>	

Chains

From **std. cor.** of secs. 35 and 36 on S. bdy. of Tp. (1st **Std. Par. S.**), hereinbefore described. N.0°6'W., ( parallel to mean bearing of E. bdy. of Tp., with allowance of 1' for convergency ) bet. secs. 35 and 36.

Over rolling land, through scattering timber and undergrowth.

Descend 56 ft. over NW.slope.

.75 Fence, brs. E and W.

2.00 Wash, 20 lks wide, course NE.

ascend 67 ft. over SE. slope.

12.50 Low spur, slopes NE.

Descend 281 ft. over NE. slope.

35.00 Descend N. slope.

39.72 Road, brs. E and W., gate in fence N and S.brs. W. 71 lks. dist.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor. marked on brass cap

1/4

S35 | S36

1928

from which,

a white oak, 10 ins. diam., brs. N.65 1/2°E., 107 lks. dist., marked 1/4 S 36 B T.

an ash, 12 ins. diam., brs. S.71 1/2°W., 71 lks. dist., marked 1/4 S 35 B T.

41.50 Black Rock Creek, 50 lks. wide, course E.

Ascend 27 ft. over SE. slope.

45.90 Fence, brs. E and W.

51.00 Windmill brs. N.68 1/2°E., about 15 chs. dist.

Old adobe house about 2 chs S. of windmill.

52.30 Wash, 20 lks. wide, course SE.

53.40 Same wash, 20 lks. wide, course SW.

57.20 Same wash, 20 lks. wide, brs SE.

Ascend 260 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap

T5SR21E

S26 | S25

S35 | S36

1928

No bearing trees available.

Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor. Land, rolling.

Soil, sandy and gravelly 3 rd rate.

Timber, cedar, pinon, sycamore, ash and oak.

Undergrowth, mesquite, catclaw and yucca.

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

80.14 Set temp 1/4 sec. cor.

Fall 40 lks. S. of the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., hereinbefore described.

Thence,

S.89°43'W., on a true line, bet. secs. 25 and 36.

Over rolling land, through scattering timber and undergrowth.

2.65 Black Rock Creek, 50 lks. wide, course SE.

Thence over level land.

17.75 Black Rock Creek, 100 lks. wide, course N.45°E.

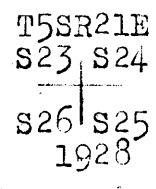
ascend 229 ft. over SE. slope.

32.20 Spur, slopes SE.

Chains	Descend 35 ft. along S. slope.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ <u>S 25</u>
	S 36
	1928
	No bearing trees available.
	Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
	Descend 65 ft. over SW. slope.
43.25	Wash, 10 lks. wide, course SE.
46.15	Wash, 20 lks. wide, course SE.
	Ascend 157 ft. over E. slope.
54.15	Spur, slopes SE.
	Descend 151 ft. over W. slope.
63.85	Wash, 50 lks. wide, course S.
	Ascend 24 ft. over SE. slope.
66.55	Low spur, slopes S.
	Descend 37 ft. over SW. slope.
67.85	Sandy wash, 40 lks. wide course SE.
	Ascend 194 ft. over NE. slope.
78.70	Spur, slopes SE.
	Descend 22 ft. over W. slope.
80.14	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling.
	Soil, sandy and gravelly 3 <sup>rd</sup> rate.
	Timber, cedar and pinon.
	Undergrowth, mesquite, catclaw, yucca, cactus and grass.
-----	
	N. 0° 6' W., bet. secs. 25 and 26.
	Over rolling land, through scattering timber and undergrowth.
	Ascend 18 ft. along W. slope.
4.00	Spur, slopes SE.
	Descend 74 ft. along broken E. slope.
27.30	Fence, brs. NE and SW.
27.70	Head of draw, course SE.
	Ascend 68 ft. over S. slope.
28.50	Spur, slopes E.
	Descend 61 ft. over N. slope.
31.00	Wash, 10 lks. wide, course NE.
	Ascend 85 ft. over SE. slope.
32.70	Wash, 10 lks. wide, course E.
39.00	Low spur, slopes E.
	Descend 20 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. marked on brass cap
	$\frac{1}{4}$
	S26   S25
	1928
	from which,
	a cedar, 10 ins. diam., brs. S. 53° E., 108 lks. dist., marked $\frac{1}{4}$ S 25 B T:
	No other bearing tree available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Descend 58 ft., over NE. slope.
43.57	Head of draw, course E.
47.00	Head of draw, course E.
50.50	Head of draw, course E.
	Thence along E. slope.
51.50	Low spur, slopes NE.
	Descend 57 ft. over NE. slope.
53.50	Head of draw, course NE.
	Ascend 8 ft.
59.10	Low spur, slopes NE.

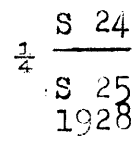
Survey of Subdivisions of T.5 S., R. 21 E.

Chains Descend 113 ft. over NW. slope.  
 64.00 Wash, 20 lks. wide, course NE.  
 64.60 Ascend 173 ft. over SE. slope.  
 66.60 Wash, 20 lks. wide, course E.  
 76.00 Head of draw, course E.  
 76.50 Spur, slopes N.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 23, 24, 25, and 26, marked on brass cap



from which,  
 a juniper, 6 ins. diam., brs. N. 35° E., 22 lks. dist., marked T 5 S R 21 E S 24 B T.  
 a juniper, 7 ins. diam., brs. N. 78° W., 151 lks. dist., marked T 5 S R 21 E S 25 B T.  
 No other bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor. Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, cedar pinon and juniper.  
 Undergrowth, scrub oak, mesquite, catclaw and yucca.

40.00 N. 89° 43' E., on a random line, bet. secs. 24 and 25. Set temp 1/4 sec. cor.  
 80.14 Fall 44 lks. N. of the cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp., hereinbefore described. Thence, N. 89° 58' W., on a true line, bet. secs. 24 and 25. Over rolling land, through scattering timber and undergrowth.  
 Along N. slope.  
 1.55 Wash, 10 lks. wide, course NE.  
 Ascend 179 ft. over SE. slope.  
 7.15 Spur, slopes NE.  
 Descend 58 ft. over NW. slope.  
 14.95 Sandy wash, 30 lks. wide, course N.  
 15.65 Point of spur, slopes N.  
 Descend 38 ft. over NW. slope.  
 24.95 Wash, 40 lks. wide, course NE.  
 Ascend 140 ft. over NE. slope.  
 31.75 Wire fence, brs. N and S.  
 33.75 Spur ridge, brs. SE and NE.  
 Descend 116 ft. over SW. slope.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for 1/4 sec. cor. marked on brass cap



No bearing trees available.  
 Raise a mound of stone, 4 ft. base 3 ft. high, N. of cor.  
 Descend 162 ft. over SW. slope.  
 48.65 Sandy wash, 20 lks. wide, course NW.  
 51.15 Sandy wash, 20 lks. wide, course N.  
 Ascend 96 ft. over NE. slope.  
 56.65 Spur, slopes NW.  
 Thence along broken N. slope.  
 64.15 Wash, 10 lks. wide, course N.  
 65.15 Low spur, slopes N.  
 Descend 218 ft. over NW. slope.  
 69.85 Sandy wash, 40 lks. wide, course N.

## Survey of Subdivisions of T.5 S., R. 21 E.

28

Chains	Ascend 229 ft. over NE. slope.
80.14	The cor. of secs. 23, 24, 25 and 26. Land, rolling. Soil, gravelly 4 th. rate. Timber, cedar, pinon and juniper. Undergrowth, mesquite, catclaw, cactus, yucca and grass.
-----	
	N.0°6'W., bet. secs. 23 and 24. Over rolling land, through scattering timber and undergrowth.
22.00	Descend 355 ft. over NE. slope. Enter Goodwin Valley, brs. NE and SW. Thence over level land.
25.70	Goodwin Wash, 70 lks. wide, course NE.
31.05	Wire fence, brs. NE and SW.
35.60	Road, brs. NE and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S23   S24 1928
	from which, a mesquite, 12 ins. diam., brs. S.7 $\frac{1}{2}$ °E., 15 lks. dist., marked $\frac{1}{4}$ S 24 B T. a mesquite 6 ins. diam., brs. S.26 $\frac{1}{2}$ °W., 57 lks. dist., marked $\frac{1}{4}$ S 23 B T.
41.00	Leave Goodwin Valley, brs. E and W. Ascend 199 ft. over SE. slope.
45.00	Ravine, course SE.
52.30	Wash, 500 ch. wide, course SE.
63.00	Bend in same wash, from W. course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap
	T5SR21E S14   S13 S23   S24 1928
	No bearing trees available. Raise amount of stone, 3 ft. base 2 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, sandy loam and gravelly 2nd and 3rd rate. Timber, cedar, pinon, oak, mesquite and hackberry. Undergrowth, mesquite, catclaw, yucca and cactus.
-----	
40.00	S.89°58'E., on a random line, bet. secs. 13 and 24. Set temp $\frac{1}{4}$ sec. cor.
80.14	Fall 9 lks. N. of the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., hereinbefore described. Thence, N.89°54'W., on a true line, bet secs. 13 and 24. Over rolling land through scattering undergrowth. Ascend 55 ft. over NE. slope.
7.64	Gravelly spur, slopes SE.
	Descend 29 ft. over SW. slope.
10.14	Drain, course S.

Chains.

26.60 House, brs. S. about 26 chs. dist., Windmill brs. S. of house 1 chs. dist.  
 30.14 Ravine, course SE.  
 Ascend 103 ft. over NE. slope.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base, 24 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$  S 13  
 S 24  
 1928

No bearing trees available.  
 42.64 Drain, course S.  
 53.34 Wire fence, brs N and S.  
 54.64 Wash, 100 lks. wide, course S.  
 63.14 Wash, 30 lks. wide, course S.  
 77.14 Ravine, course SE.  
 80.14 The cor. of secs. 13, 14, 23 and 24.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

N.0°6'W., bet. secs. 13 and 14.  
 Over rolling land through scattering undergrowth.  
 Ascend 78 ft. over SE. slope.  
 2.00 Ravine, course SE.  
 14.50 Ravine, course SE.  
 36.00 Wash, 50 lks. wide, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
 S14 | S13  
 1928

No bearing trees available.  
 42.00 Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.  
 Wash, 50 lks. wide, course SE.  
 Ascend 18 ft. over SW. slope.  
 49.10 Wire fence, brs. SE and NW., also low spur, slopes SE.  
 62.00 Wire fence, brs. NE and SW.  
 65.50 Low spur, slopes SE.  
 Thence along E. slope.  
 70.00 Head of ravine, course E.  
 73.50 Spur, slopes E.  
 Descend 74 ft. over NE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base 18 ins. high, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

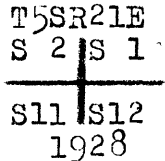
T5SR21E  
 S11 | S12  
 S14 | S13  
 1928

No bearing trees available.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, none.  
 Undergrowth, catclaw, mesquite, yucca, cactus and grass.

Chains	S. 89° 54' E., on a random line, bet. secs. 12 and 13.
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.06	Intersect the cor. of secs. 7, 12, 13 and 18 on E. bdy. of Tp. hereinbefore described.
	Thence,
	N. 89° 54' W., on a true line, bet. secs. 12 and 13.
	Over rolling land, through scattering undergrowth.
	Ascend 63 ft. over SE. slope.
12.00	Spur, slopes S.
	Descend 29 ft. over SW. slope.
18.06	Ravine, course SE.
	Ascend 172 ft. over NE. slope.
33.10	Spur, slopes SE.
	Descend 71 ft. over SW. slope.
38.26	Ravine, course SE.
	Ascend 20 ft. over NE. slope.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 24 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\begin{array}{r} S\ 12 \\ \frac{1}{4} \text{ ---} \\ S\ 13 \\ 1928 \end{array}$
	No bearing trees available.
	Ascend 70 ft. over NE. slope.
44.00	Spur, slopes SE.
	Descend 50 ft. over SW. slope.
60.00	Wash, 3 chs. wide, course SE.
	Ascend 23 ft. over NE. slope.
77.06	Ravine, course SE.
80.06	The cor. of secs. 11, 12, 13 and 14.
	Land, rolling.
	Soil, gravelly 3rd rate.
	Timber, none.
	Undergrowth, catclaw, mesquite, cactus and yucca.
-----	
	N. 0° 6' W., bet. secs. 11 and 12.
	Over rolling land, through scattering undergrowth.
	Ascend 29 ft. over NE. slope.
1.80	Ravine, course SE.
5.50	Spur, slopes SE.
6.50	Ravine, course SE.
	Ascend 110 ft. over SW. slope.
29.00	Spur, slopes SE.
	Descend 69 ft. over NE. slope.
38.00	Ravine, course SE.
	Ascend 20 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. marked on brass cap
	$\begin{array}{r} \frac{1}{4} \\ S11   S12 \\ 1928 \end{array}$
	No bearing trees available.
	Raise a mound of stone 3 ft. base 2 $\frac{1}{2}$ ft. high, W. of cor.
	Ascend 30 ft. SW. slope.
42.50	Spur, slopes SE.
	Descend 57 ft. over NE. slope.
48.00	Ravine, course SE.
	Ascend 30 ft. over SW. slope.
61.50	Spur, slopes SE.

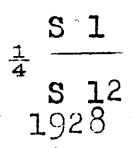


Chains. Descend 52 ft. NE. slope.  
 65.00 Ravine, course SE.  
 Ascend 66 ft. over SW. slope.  
 73.00 Spur, slopes SE.  
 Descend 32 ft. over NE. slope,  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
 ground, for cor. of secs. 1, 2, 11 and 12, marked on  
 brass cap



No bearing trees available.  
 Raise a mound of stone, 4 ft. base 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

S. 89° 54' E., on a random line, bet. secs. 1 and 12.  
 40.00 Set temp 1/4 sec. cor.  
 80.00 Fall 9 lks. S. of the cor. of secs. 1, 6, 7 and 12 on E.  
 bdy. of Tp. hereinbefore described.  
 Thence,  
 N. 39° 58' W., on a true line, bet. secs. 1 and 12.  
 Over rolling land through scattering undergrowth.  
 Ascend 161 ft. over SE. slope.  
 6.50 Ravine, course SE.  
 23.00 Spur, slopes SE.  
 Descend 90 ft. over SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for 1/4 sec. cor. marked on brass cap



No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 1/2 ft. high N. of cor.  
 40.30 Ravine, course SE.  
 Ascend 90 ft. over SE. slope.  
 46.00 Spur, slopes S.  
 Descend 69 ft. over SW. slope.  
 56.00 Ravine, course SE.  
 Ascend 30 ft. over SE. slope.  
 61.00 Spur, slopes S.  
 Thence along broken S. slope.  
 66.00 Ravine, course S.  
 71.00 Low spur, slopes S.  
 76.80 Ravine, course SE.  
 80.00 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling.  
 Soil, gravelly. 3rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

N. 0° 6' W., on a random line, bet. secs. 1 and 2.  
 40.00 Set temp 1/4 sec. cor.  
 80.16 Fall 12 lks. E. of the cor. of secs. 1, 2, 35 and 36;  
 on N. bdy. of Tp., hereinbefore described.  
 Thence,  
 S. 0° 11' E., on a true line, bet. secs. 1 and 2.  
 Over rolling land, through scattering undergrowth.

Chains	
	Ascend 60 ft. over NE. slope.
3.16	Spur, slopes E.
	Descend 100 ft. over SE. slope.
15.16	Ravine, course SE.
	Ascend 69 ft. over NE. slope.
19.76	Spur, slopes E.
	Descend 91 ft. over broken SE. slope.
23.76	Drain, course SE.
31.16	Ravine, course SE.
35.16	Low spur, slopes E.
40.16	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$   
S2 | S1  
1928

	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
40.36	Drain, course NE.
46.76	Ravine, course SE.
	Ascend 30 ft. over NE. slope.
50.66	Spur, slopes E.
	Descend 55 ft. along E. slope.
64.16	Ravine, course SE.
78.66	Ravine, course SE.
80.16	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling.
	Soil, gravelly. 3rd rate.
	Timber, none.
	Undergrowth, mesquite, catclaw, yucca and cactus.

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From the standard cor. of secs. 34 and 35 on S. bdy. of Tp., hereinbefore described.

N.0°6'W., bet. secs. 34 and 35.

Over rolling land, through scattering undergrowth.

Descend 20 ft. over N. slope.

3.00	Black Rock Creek, 150 lks. wide, course N.75°E.
	Ascend 60 ft. over SE. slope.
5.00	P. Hinton's house brs. E. about 30 chs. dist.
12.50	Low spur, slopes E.
	Descend 40 ft. over NE. slope.
17.50	Wash, 20 lks. wide, course SE.
	Ascend 123 ft. over broken SE. slope.
19.80	Road, brs. SE and NW.
31.50	Wash, 50 lks. wide, course SE.
36.00	Low spur, slopes SE.
	Thence along E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap

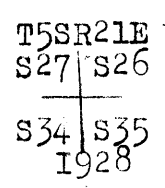
$\frac{1}{4}$   
S34 | S35  
1928

	No bearing trees available.
	Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$ ft. high, W. of cor.
48.60	Wash, 10 lks. wide, course SE.
	Ascend 242 ft. over SE. slope.
59.10	Wash, 30 lks. wide, course E.
66.70	Fence, brs. E and W.
68.00	Head of draw, course SE.
72.00	Ridge brs. SE and SW.
	Descend 57 ft. over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the

Survey of Subdivisions of T.5 S., R. 21 E.

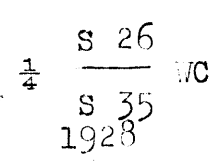
Chains

ground, for cor. of secs. 26, 27, 34 and 35. marked on brass cap



No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly. 3rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

- 40.00 East, on a random line, bet. secs. 26 and 35.
- 40.00 Set temp 1/4 sec. cor.
- 80.04 Fall 3 lks. S. of the cor. of secs. 25, 26, 35 and 36.
- Thence,
- S. 89° 59' W., on a true line, bet. secs. 26 and 35.
- Over rolling land, through scattering undergrowth.
- Descend 40 ft. over W. slope.
- 6.33 Wash, 20 lks. wide, course SE.
- 7.50 Same wash, 20 lks. wide, course NE.
- Ascend 166 ft. over NE. slope.
- 15.73 Fence, brs. SE and NW.
- 19.83 Low spur, slopes S.
- Descend 91 ft. over W. slope.
- 23.03 Wash, 20 lks. wide, course SE.
- 27.00 Low spur, slopes S.
- Descend 225 ft. over SW. slope.
- 30.00 Wash, 20 lks. wide, course S.
- 38.33 Wash, 20 lks. wide, course S.
- 40.02 The true point for 1/4 sec. cor. falls in wash, 20 lks. wide, course SE. a place impracticable to set monument.
- 40.62 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, around post, 4 ft. base 30 ins. high, for witness cor. to 1/4 sec. cor. marked on brass cap



- No bearing trees available.
- Ascend 109 ft. over broken NE. slope.
- 44.53 Wire fence, brs. NE and SW.
- 45.50 Low spur, slopes SE.
- 47.53 Head of draw, course S.
- 52.00 Ridge, brs. N. 75° E., and S 45° W.
- Descend 279 ft. over SW. slope.
- 61.73 Wash, 30 lks. wide, course N. 45° W.
- Thence along broken N. slope.
- 66.30 Low spur, slopes N.
- 69.40 Wash, 10 lks. wide, course NE.
- Ascend 207 ft. over NE. slope.
- 75.00 Low spur, slopes N. 25° E.
- 80.04 The cor. of secs. 26, 27, 34 and 35.
- Land, rolling.
- Soil gravelly 3rd rate.
- Timber, none.
- Undergrowth, mesquite, catclaw, cactus and yucca.

Chains N.0°6'W., bet. secs. 26 and 27.  
Over rolling land, through scattering undergrowth.  
Descend 23 ft. over NE. slope.

28.00 Ravine, course NE.  
Ascend 53 ft. over SE. slope.

32.40 Spur, slopes E.  
Descend 60 ft. over NE. slope.

34.00 Short ravine, course E.  
Ascend 60 ft. over SE. slope.

36.84 Spur, slopes E.  
Descend 40 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. marked on brass cap

$\frac{1}{4}$   
S27 | S26  
1928

from which,  
a juniper, 10 ins. diam., brs. S.8 $\frac{1}{2}$ °E., 300 lks. dist.,  
marked  $\frac{1}{4}$  S 26 B T.  
a juniper, 8 ins. diam., brs. N.53 $\frac{1}{2}$ °W., 186 lks. dist.,  
marked  $\frac{1}{4}$  S 27 B T.  
Descend 160 ft. over broken NE. slope.

42.00 Ravine, course E.

46.40 Spur, slopes E.

56.00 Ravine, course NW.

60.00 Goodwin Creek (dry) 120 lks. wide, course NE.  
Thence over level land.

67.16 Wire fence, brs. NE and SW.

69.00 Road, brs. NE and SW.

70.00 Wire fence, brs. SE and NW.

73.50 Wire fence, brs. NE and SW.

74.00 Old road, brs. NE and SW., leave level land; brs. E and W.

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, marked  
on brass cap

T5SR21E  
S22 S23

S27 S26  
1928

No bearing trees available.  
Raise a mound of stone 3' ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling.  
Soil, sandy loam and gravelly 2nd and 3rd rate.  
Timber, juniper.  
Undergrowth, mesquite, catclaw, yucca and cactus.

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

80.06 Fall 9 lks. S. of the cor. of secs. 23, 24, 25 and 26.  
Thence,  
S.89°55'W., on a true line, bet. secs. 23 and 26.  
Over rolling land, through scattering timber and under-  
growth.

13.26 Descend 227 ft. over NW. slope.  
Ravine, course NW.  
Ascend 120 ft. over NE. slope.

21.50 Spur, slopes N.  
Descend 179 ft. over NW. slope.

32.00 Wash, 3 chs. wide, course NW.  
Ascend 34 ft. over NE. slope.

36.60 Spur, slopes N.  
Descend 43 ft. over NW. slope.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in

Survey of Subdivisions of T.5 S., R. 21 E.

Chains	the ground to bed rock, raise a mound of stone around post, 3 ft. base 16 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S 23 <hr style="width: 50px; margin: 0 auto;"/> S 26 1928
	<p>from which,  a mesquite, 6 ins. diam., brs. N.37<math>\frac{1}{2}</math>°E., 167 lks. dist., marked <math>\frac{1}{4}</math> S 23 B T.  a juniper, 6 ins. diam., brs. S.64°E., 37 lks. dist., marked <math>\frac{1}{4}</math> S 26 B T.  T.Hinton's House brs. N.20°51'W., 674 lks. dist.  Windmill, brs. N.28°22'W., 716 lks. dist.</p>
41.00	Descend 15 ft. over NW. slope. Enter Goodwin Valley, brs. NE and SW. Thence over level land.
54.60	Goodwin Creek (dry) 60 lks. wide, course NE.
59.60	Wash, 70 lks. wide, course NE.
62.86	Wire fence, brs. NE and SW.
64.66	Road, brs. NE and SW.
76.86	Wire fence, brs. NE and SW.
77.06	Old, road, brs. NE and SW.
80.06	The cor. of secs. 22, 23, 26, and 27. Land, rolling. Soil, sandy loam 2nd and 3rd rate. Timber, juniper and mesquite. Undergrowth, mesquite, catclaw, cactus and yucca.
-----	
	N.0°6'W., bet. secs. 22 and 23. Over rolling land, through scattering undergrowth. Ascend 153 ft. over SE. slope.
9.00	Ravine, course SE.
18.00	Spur, slopes SE.
	Descend 63 ft. over NE. slope.
24:40	Wash, 200 lks. wide, course SE.
	Ascend 64 ft. over SW. slope.
38.50	Drain, course SW.
39.50	Same drain, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 18 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S 22   S 23 1928
	No bearing trees available. Ascend 171 ft. over SW. slope.
45.00	Spur, slopes SE. continue ascending.
58.50	Ravine, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, around post, 3 ft. base, 18 ins. high, for cor. of secs. 14, 15, 22 and 23, marked on brass cap
	T5SR21E S 15   S 14 + S 22   S 23 1928
	No bearing trees available. Land, rolling.

Chains	Soil, gravelly 3 rd rate. Timber, none. Undergrowth, mesquite, catclaw, yucca, cactus and grass.
40.00	N.89°55'E., on a random line, bet. secs. 14 and 23. Set temp $\frac{1}{4}$ sec. cor.
80.10	Intersect the cor. of secs. 13, 14, 23 and 24. Thence, S.89°55'W., on a true line, bet. secs. 14 and 23. Over rolling land, through scattering undergrowth.
11.60	Ravine, course SE.
25.10	Low spur, slopes SE.
29.60	Ravine, course S.
39.10	Ravine, course SE. Ascend 60 ft. over NE. slope.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap
	S 14 $\frac{1}{4}$ S 23 1928
55.00	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high N. of cor. Ascend 134 ft. over NE. slope. Spur, slopes SE.
66.60	Descend 54 ft. over SW. slope. Wash, 200 lks. wide, course S.
73.10	Ravine, course SE Ascend 74 ft. over NE. slope.
80.10	The cor. of secs. 14, 15, 22 and 23. Land, rolling. Soil, gravelly 3 rd rate. Timber, none. Undergrowth, mesquite, catclaw, yucca and cactus.
12.40	N.0°6'W., bet. secs. 14 and 15. Over rolling land, through scattering undergrowth. Descend 20 ft. over NE. slope. Ravine, course SE.
32.00	Ascend 112 ft. over SW. slope. Spur, slopes E.
39.80	Thence along E. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor. marked on brass cap
	WC $\frac{1}{4}$ S15   S14 1928
40.00	No bearing trees available. Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$ ft. high, W. of cor. True point for $\frac{1}{4}$ sec. cor. falls in ravine course SE. a place impracticable to set monument. Ascend 185 ft. over SW. slope.
57.00	Spur, slopes SE.
69.60	Descend 66 ft. over NE. slope. Ravine, course SE.
80.00	Ascend 114 ft. over SW. slope. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap

Survey of Subdivisions of T.5 S., R. 21 E.

Chains

T5SR21E  
S10 | S11  
-----  
S15 | S14  
1928

No bearing trees available.  
Raise a mound of stone, 4 ft. base 2½ ft. high, N. of cor.  
Land, rolling.  
Soil, gravelly.  
Timber, none.  
Undergrowth, mesquite, catclaw, yucca and cactus.

- 40.00 N. 89° 55' E., on a random line, bet. secs. 11 and 14.
- 80.14 Set temp ¼ sec. cor.
- 80.14 Fall 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.
- 10.16 Thence, S. 89° 53' W., on a true line, bet. secs. 11 and 14.
- 20.16 Over rolling land, through scattering undergrowth.
- 36.44 Drain, course NE.
- 39.44 Ascend 172 ft. over NE. slope.
- 40.07 Spur, slopes SE.
- 40.07 Thence along broken S. slope.
- 40.07 Ravine, course SE.
- 40.07 Spur, slopes S.
- 40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. marked on brass cap

-----  
S 11  
¼  
-----  
S 14  
1928

- 46.14 No bearing trees available.
- 57.14 Raise a mound of stone, 3 ft. base 2 ft. high, N. of cor.
- 80.14 Descend 40 ft. over SW. slope.
- 80.14 Ravine, course S.
- 80.14 Ravine, course SE.
- 80.14 Ascend 160 ft. over NE. slope.
- 80.14 The cor. of secs. 10, 11, 14 and 15.
- 80.14 Land, rolling.
- 80.14 Soil, gravelly 3 rd rate.
- 80.14 Timber, none.
- 80.14 Undergrowth, mesquite catclaw, yucca and cactus.

- 14.00 N. 0° 6' W., bet. secs. 10 and 11.
- 28.50 Over rolling land through scattering undergrowth.
- 40.00 Descend 80 ft. over NE. slope.
- 40.00 Ravine, course S. 50° E.
- 40.00 Ascend 46 ft. over SW. slope.
- 40.00 Ravine, course S. 45° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. marked on brass cap

-----  
¼  
S10 | S11  
-----  
1928

No bearing trees available.  
Raise a mound of stone, 4 ft. base 2½ ft. high, W. of cor.

Chains

- 40.50 Ravine, course SE.  
Ascend 115 ft. over SW. slope.
- 54.19 Spur, slopes SE.  
Descend 74 ft. over rolling NE. slope.
- 74.00 Enter ravine, course SE.
- 79.00 Leave ravine, from NW.
- 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, marked on brass cap

T5SR21E  
S 3 | S 2  
+  
S10 | S11  
1928

No bearing trees available.  
Raise a mound of stone, 4 ft. base 2½ ft. high W. of cor.  
Land, rolling.  
Soil, gravelly, 3rd rate.  
Timber, none.  
Undergrowth, mesquite, catclaw, yucca and cactus.

- 40.00 N. 89° 53' E., on a random line, bet. secs. 2 and 11.  
Set temp ¼ sec. cor.
- 80.02 Fall 9 lks. N. of the cor. of secs 1, 2, 11 and 12.  
Thence,  
S. 89° 57' W., on a true line, bet. secs. 2 and 11.  
Over rolling land, through scattering undergrowth.  
Ascend 96 ft. over NE. slope.
- 16.00 Spur, slopes SE.  
Descend 23 ft. over SW. slope.
- 22.00 Drain, course S.
- 26.00 Drain, course S.
- 34.00 Ravine, course SE.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. marked on brass cap

S 2  
¼  
S11  
1928

No bearing trees available.  
Raise a mound of stone, 3 ft. base 2½ ft. high, N. of cor.  
Ascend 50 ft. over broken SE. slope.

- 55.00 Spur, slopes SE.
- 68.50 Drain, course SE.
- 70.50 Spur, slopes SE.
- 77.50 Drain, course S.
- 80.02 The cor. of secs. 2, 3, 10 and 11.  
Land, rolling.  
Soil, gravelly, 3rd rate.  
Timber, none.  
Undergrowth, mesquite, catclaw, yucca and cactus.

- 40.00 N. 0° 6' W., on a random line, bet. secs. 2 and 3.  
Set temp ¼ sec. cor.
- 80.35 Fall 23 lks. E. of the cor. of secs. 2, 3, 34 and 35,  
on N. bdy. of Tp., hereinbefore described.  
Thence,  
S. 0° 16' E., on a true line, bet. secs. 2 and 3.  
Over rolling land, through scattering undergrowth.  
Descend 56 ft. over SW. slope.
- 4.35 Ravine, course SE.  
Ascend 80 ft. over NE. slope.
- 11.35 Spur, slopes SE.



Survey of Subdivisions of T.5 S., R. 21 E.

Chains  
 18.85 Descend 95 ft. over SW. slope.  
 Ravine, course SE.  
 Ascend 34 ft. over NE. slope.  
 22.35 Spur, slopes E.  
 Descend 16 ft. over SE. slope.  
 25.55 Ravine, course SE.  
 Ascend 34 ft. over NE. slope.  
 33.07 Spur, slopes E.  
 Descend 94 ft. over SE. slope.  
 40.35 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
 S3|S2  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$  ft. high, W. of cor.  
 42.35 Low spur, slopes E.  
 Thence along E. slope.  
 45.55 Ravine, course E.  
 Ascend 37 ft. over NE. slope.  
 49.85 Spur, slopes E.  
 Descend 30 ft. over SE. slope.  
 53.35 Ravine, course SE.  
 Ascend 42 ft. over NE. slope.  
 57.85 Spur, slopes E.  
 Descend 45 ft. over SW. slope.  
 61.35 Ravine, course E.  
 Ascend 52 ft. over NE. slope.  
 70.00 Spur, slopes SE.  
 Descend 129 ft. over SW. slope.  
 80.35 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite catclaw, yucca and cactus.

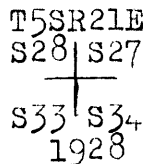
-----  
 From the standard cor. of secs. 33 and 34 on S. bdy. of  
 Tp., hereinbefore described.  
 N.0° 7' W., bet. secs. 33 and 34.

Over rolling land, through scattering undergrowth.  
 Descend 62 ft. over NW. slope.  
 .40 Drain, course NW.  
 8.30 Road, brs. NE and SW.  
 9.30 Ravine, course NE.  
 Ascend 23 ft. over SE. slope.  
 18.00 Low spur, slopes E.  
 19.50 Ravine, course E.  
 23.20 Spur, slopes E.  
 Descend 29 ft. over NE. slope.  
 29.00 Ravine, course E.  
 Ascend 99 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. marked on brass cap

$\frac{1}{4}$   
 S33|S34  
 1928

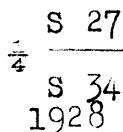
No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$  ft. high, W. of cor.  
 Ascend 87 ft. over SE. slope.

Chains  
 44.60 Gravelly spur, slopes NE. also wire fence, brs. E and W.  
 Descend 330 ft. over NW. slope.  
 55.80 Trail, brs. NE and SW., enter cliffs and pinacles.  
 60.00 Ravine, course E.  
 Ascend 90 ft. over SE. slope.  
 68.00 Spur, slopes E.  
 69.50 Gorge, course E.  
 Thence along E. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone 4 ft. base  
 20 ins. high, for cor. of secs. 27, 28, 33 and 34, marked  
 on brass cap



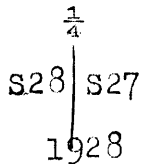
No bearing trees available.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, none.  
 Undergrowth, catclaw, mesquite, yucca, cactus and grass.

East, on a random line, bet. secs. 27 and 34.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.10 Fall 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.  
 Thence,  
 S. 89° 57' W., on a true line, bet. secs. 27 and 34.  
 Over rolling land, through scattering undergrowth.  
 Descend 100 ft. over SW. slope.  
 4.20 Ravine, course NW.  
 Ascend 80 ft. over NE. slope.  
 7.10 Spur, slopes N.  
 Descend 183 ft. over NW. slope.  
 14.60 Ravine, course NW.  
 21.50 Wire fence, brs. N and S. on spur, slopes N.  
 Descend 127 ft. over NW. slope.  
 26.60 Ravine, course NW.  
 Ascend 100 ft. over NE. slope.  
 31.10 Spur, slopes NW.  
 Descend 128 ft. over NW. slope.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor. marked on brass cap



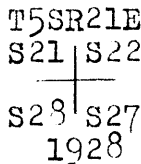
No bearing trees available.  
 Raise a mound of stone, 4 ft. base 2 ft. high, N. of cor.  
 Descend 30 ft. over NW. slope.  
 43.60 Ravine course NW.  
 50.10 Ravine, course NW.  
 Ascend 35 ft. over NE. slope.  
 53.10 Spur, slopes N.  
 Descend 80 ft. over NW. slope.  
 60.50 Wash, 200 lks. wide course NE.  
 Ascend 139 ft. over SE. slope.  
 72.10 Spur, slopes N.  
 Descend 30 ft. over NW. slope.  
 74.10 Ravine, course NE.  
 Ascend 90 ft. over E. slope of cliffs.  
 80.10 The cor. of secs. 27, 28, 33 and 34.  
 Land, rolling.  
 Soil, gravelly and rocky 3rd and 4th, rate.  
 Timber none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

Chains N.0° 7' W., bet. secs. 27 and 28.  
 Over rolling land, through scattering undergrowth.  
 along E. slope.  
 4.00 Descend 34 ft. over NE. slope  
 9.00 Descend 216 ft. over bluffs.  
 16.00 Ravine, course NE.  
 Ascend 65 ft. over SE. slope.  
 19.54 Spur, slopes E.  
 Descend 200 ft. over NE. slope.  
 39.00 Enter Goodwin Valley, brs. 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. marked on brass cap



from which,  
 a sycamore, 10 ins. diam., brs. N.88 $\frac{1}{2}$ °E., 244 lks. dist.,  
 marked  $\frac{1}{4}$  S 27 B T.  
 an ash, 10 ins. diam., brs. N.48°W., 303 lks. dist.,  
 marked  $\frac{1}{4}$  S 28 B T.

Thence over level land.  
 43.00 Goodwin Creek, (dry) 180 lks. wide, course E.  
 44.50 Wire fence, brs. E and W.  
 46.00 Wash, 70 lks. wide, course SE. Leave Goodwin Valley brs.  
 E and W.  
 Ascend 160 ft. over SE. slope.  
 68.00 Drain, course SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone around post,  
 6 ft. base, 24 ins. high, for cor. of secs. 21, 22, 27  
 and 28, marked on brass cap



No bearing trees available.  
 Land, rolling.  
 Soil, sandy loam and gravelly. 2 nd and 3rd rate.  
 Timber, sycamore, ash, and cottonwood.  
 Undergrowth, mesquite, catclaw, yucca, cactus and grass.

-----  
 N.89°57'E., on a random line, bet. secs. 22 and 27.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.06 Fall 2 lks. N. of the cor. of secs. 22, 23, 26 and 27.  
 Thence,  
 S.89°58'W., on a true line, bet. secs. 22 and 27.  
 Over rolling land, through scattering timber and under-  
 growth.  
 Ascend 98 ft. over SE. slope.  
 12.30 Low spur, slopes S.  
 Thence along S. slope.  
 21.00 Ravine, course SE.  
 38.50 Low spur, slopes SE.  
 Descend 30 ft. over SW. slope.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap

Chains

$\frac{1}{4}$  S 22  
S 27  
1928

from which,  
a juniper, 8 ins. diam., brs. N. 85 $\frac{1}{2}$ ° E., 137 lks. dist.,  
marked  $\frac{1}{4}$  S 22 B T.  
palo verde 5 ins. diam., brs. S. 52 $\frac{1}{2}$ ° W., 128 lks. dist.,  
marked  $\frac{1}{4}$  S 27 B T.

- 40.40 Wash, 50 lks. wide, course S.  
Ascend 40 ft. over SE. slope.
- 44.37 T. Hinton's house, brs. S. 27.20 chs. dist.
- 48.00 Spur, slopes S., Windmill brs. S. 31.50 chs. dist.
- 51.00 Drain, course S.
- 58.00 N. edge of wash, 500 lks. wide, course E. thence along ravine.
- 76.30 Wire fence, brs. SE and NW., leave ravine, course SE.  
Ascend 57 ft. over NE. slope.
- 80.06 The cor. of secs. 21, 22, 27 and 28.  
Land, rolling.  
Soil, gravelly 3rd rate.  
Timber, juniper and palo verde.  
Undergrowth, mesquite, catclaw, yucca, cactus and grass.

N. 0° 7' W., bet. secs. 21 and 22.  
Over rolling land, through scattering timber and undergrowth.

- Descend 29 ft. over NE. slope.
- 5.79 Wire fence, brs. SE and NW., also ravine, course SE.  
Thence along ravine.
- 10.00 Leave ravine, from NW. course S.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
S21 | S22  
1928

No bearing trees available.  
Raise mound of stone, 3 ft. base 2 $\frac{1}{2}$  ft. high, N. of cor.  
Ascend, 220 ft. over broken SE. slope.

- 58.00 Spur, slopes SE.
- 64.50 Ravine, course SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, 4 ft. base, 24 ins. high, <sup>around post,</sup> for cor. of secs. 15, 16, 21 and 22, marked on brass cap

T5SR21E  
S16 | S15  
S21 | S22  
1928

No bearing trees available.  
Land, rolling.  
Soil, gravelly 3rd rate.  
Timber, juniper.  
Undergrowth, mesquite, catclaw, yucca and cactus.

Chains N. 89° 58' E., on a random line, bet. secs. 15 and 22.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.14 Intersect the cor. of secs. 14, 15, 22 and 23.  
 Thence,  
 S. 89° 58' W., on a true line, bet. secs. 15 and 22.  
 Over rolling land, through scattering undergrowth.  
 Descend 50 ft. over SW. slope.  
 4.74 Ravine, course SE.  
 19.14 Low spur, slopes SE.  
 23.64 Ravine, course SE.  
 36.74 Drain, course SE.  
 40.00 Spur, slopes SE.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone around post,  
 3 ft. base 18 ins. high, for  $\frac{1}{4}$  sec. cor. marked on  
 brass cap

S 15  
 $\frac{1}{4}$  ———  
 S 22  
 1928

No bearing trees available.  
 42.64 Ravine, course SE.  
 45.94 Spur, course SE.  
 Descend 137 ft. over rolling S. slope.  
 60.64 Wash, 500 lks. wide, course SE.  
 77.14 Head of ravine, course N. 70° E.  
 Ascend 235 ft. over NE. slope.  
 80.14 The cor. of secs. 15, 16, 21 and 22.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

N. 0° 7' W., bet. secs. 15 and 16.  
 Over rolling land, through scattering timber and under-  
 growth.  
 Ascend 52 ft. over SE. slope.  
 7.50 Spur, slopes E.  
 Descend 224 ft. over NE. slope.  
 13.60 Drain, course E.  
 27.30 Mouth of ravine, course E.  
 29.00 Spur, slopes E.  
 32.50 Wash, 300 lks. wide, course S. 30° E.  
 Thence along wash.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
 S16 | S15  
 1928

from which,  
 a mesquite 6 ins. diam., brs. N. 62 $\frac{1}{2}$ ° E., 91 lks. dist.,  
 marked  $\frac{1}{4}$  S 15 B T.  
 a mesquite 6 ins. diam., brs. S. 61 $\frac{1}{2}$ ° W., 74 lks. dist.,  
 marked  $\frac{1}{4}$  S 16 B T.  
 55.00 Leave wash, course S. 10° E.  
 Ascend 331 ft. over broken SE. slope.  
 80.00 Set an iron post, 3 ft. long 2 ins. diam., 26 ins. in the  
 ground. for cor. of secs. 9, 10, 15 and 16, marked on  
 brass cap

Chains

T5SR21E  
 S 9 | S10  
 ---  
 S16 | S15  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2½ ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, mesquite.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

- 40.00 N. 89° 58' E., on a random line, bet. secs. 10 and 15.  
 Set temp ¼ sec. cor.  
 80.14 Fall 10 lks. N. of the cor. of secs. 10, 11, 14 and 15.  
 Thence  
 N. 89° 58' W., on a true line, bet. secs. 10 and 15.  
 Over rolling land, through scattering undergrowth.  
 Descend along S. slope 40 ft.  
 4.14 Drain, course S.  
 6.14 Spur, slopes S.  
 9.14 Drain, course S.  
 25.74 Ravine, course SE.  
 Ascend 103 ft. over NE. slope.  
 40.07 Set an iron post, 3 ft. long., 1 in. diam., 26 ins. in  
 the ground for ¼ sec. cor. marked on brass cap

S 10  
 ¼ ---  
 S 15  
 1928

- No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2½ ft. high, N. of cor.  
 43.44 Ravine, course SE.  
 Ascend 80 ft. over NE. slope.  
 53.14 Spur, slopes S.  
 Descend 179 ft. over SW. slope.  
 74.34 Ravine, course SW.  
 Ascend 77 ft. over SE. slope.  
 80.14 The cor. of secs. 9, 10, 15 and 16.  
 Land, rolling,  
 Soil, gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

- N. 0° 7' W., bet. secs. 9 and 10.  
 Over rolling land, through scattering undergrowth.  
 Ascend SE. slope.  
 .60 Spur, slopes E.  
 Thence along E. slope.  
 6.30 Head of ravine, course SE.  
 Ascend 148 ft. over SW. slope.  
 15.00 Spur, slopes SW.  
 Descend 40 ft. over NW. slope.  
 18.60 Drain, course SW.  
 Ascend 181 ft. over SW. slope.  
 31.00 Spur, slopes SE.  
 Descend along rolling E. slope.  
 35.00 Drain, course NE.  
 Ascend 20 ft. over SE. slope.  
 39.00 Spur, slopes E.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground to bed rock, deposit a stone marked with a  
 cross (x) at base of post, raise a mound of stone  
 around post, 3 ft. base 24 ins. high, for ¼ sec. cor.  
 marked on brass cap

Chains

1/4  
S 9 | S 10  
1928

- No bearing trees available.
- 43.30 Ravine, course SE.
- Ascend 42 ft. over SE. slope.
- 48.20 Spur, slopes E.
- Descend 46 ft. over NE. slope.
- 55.00 Ravine, course SE.
- Ascend 72 ft. over SE. slope.
- 59.50 Spur, slopes SE.
- Descend 27 ft. over NE. slope.
- 64.30 Ravine, course SE.
- Thence along E. slope.
- 78.50 Spur, slopes E.
- Descend 11 ft. over NE. slope.
- 80.00 Set an iron post, 3 ff. long, 2 ins. diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, 3 ft. base, 20 ins. high, for cor. of secs. 3, 4, 9 and 10, marked on brass cap

T5SR21E  
S 4 | S 3  
S 9 | S 10  
1928

No bearing trees available.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

- 
- S. 89° 58' E., on a random line, bet. secs. 3 and 10.
  - 40.00 Set temp 1/4 sec. cor.
  - 80.14 Fall 10 lks. N. of the cor. of secs. 2, 3, 10 and 11.
  - Thence,
  - N. 89° 54' W., on a true line, bet. secs. 3 and 10.
  - Over rolling land, through scattering undergrowth.
  - .64 Enter ravine course SE.
  - Thence along ravine,
  - 7.14 Leave ravine, course SE.
  - 12.74 Drain, course NE., ascend 159 ft. over SE. slope.
  - 27.14 Spur, slopes SE.
  - Descend 60 ft. over SW. slope.
  - 33.54 Ravine, course NE.
  - 40.07 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base 26 ins. high, for 1/4 sec. cor. marked on brass cap

S 3  
1/4  
S 10  
1928

- No bearing trees available.
  - 43.00 Ravine, course S. 60° E.
  - Ascend 152 ft. over NE. slope.
  - 52.54 Old fence line, brs. SE and NW.
  - 67.14 Bend in ravine, course NE from NW.
  - 80.14 The cor. of secs. 3, 4, 9 and 10.
  - Land, rolling.
  - Soil, gravelly 3rd rate.
  - Timber, none.
  - Undergrowth, mesquite, catclaw, yucca and cactus.
-

Chains N.0° 7' W., on a random line, bet. secs. 3 and 4.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.27 Fall 14 lks. E. of the cor. of secs. 3, 4, 33 and 34, on  
 N. bdy. of Tp., hereinbefore described.  
 Thence,  
 S.0° 13' E., on a true line, bet. secs. 3 and 4.  
 Over rolling land, through scattering undergrowth.  
 Descend 20 ft. over SW. slope.  
 8.27 Ravine, course SE.  
 Ascend 75 ft. over NE. slope.  
 21.27 Spur, slopes SE.  
 Descend 115 ft. over SW. slope.  
 30.93 Ravine, course SE.  
 Ascend 61 ft. over NE. slope.  
 34.16 Old fence, line brs. SE and NW.  
 36.80 Spur, slopes SE.  
 Descend 48 ft. over SW. slope.  
 40.27 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
 ground, to bed rock, deposit a stone marked with a  
 cross (x) at base of post, raise a mound of stone aro-  
 und post, 3 ft. base, 20 ins. high, for  $\frac{1}{4}$  sec. cor.  
 marked on brass cap.

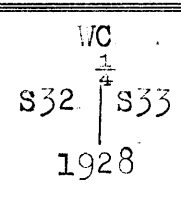
$\frac{1}{4}$   
 S4 | S3  
 1928

No bearing trees available.  
 Descend 40 ft. over SW. slope.  
 49.27 Ravine, course SE.  
 Ascend 63 ft. over NE. slope.  
 57.67 Spur, slopes E.  
 Descend 66 ft. over SE. slope.  
 62.27 Ravine, course SE.  
 Ascend 66 ft. over NE. slope.  
 68.70 Spur, slopes E.  
 Descend 75 ft. over S. slope.  
 77.77 Ravine, course SE.  
 Ascend 70 ft. over NE. slope.  
 80.27 The cor. of secs. 3, 4, 9 and 10.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catalaw, yucca and cactus.

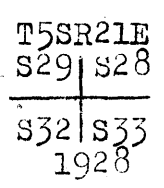
From the standard cor. of secs. 32 and 33 on S. bdy. of  
 Tp., hereinbefore described.  
 N.0° 7' W., bet. secs. 32 and 33.  
 Over rolling land, through scattering timber and under-  
 growth.  
 Ascend 20 ft. over SW. slope.  
 2.50 Low spur, slopes E.  
 5.00 Descend 58 ft. over N. slope.  
 18.34 Ravine, course NW.  
 Thence along W. slope.  
 26.40 Drain course SW.  
 Ascend 52 ft. over SW. slope.  
 35.00 Spur, slopes W.  
 Descend 120 ft. over NW. slope.  
 39.70 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, deposit a **stone** marked with a cross (x) along-  
 side of post, for witness cor to  $\frac{1}{4}$  sec. cor. marked  
 on brass cap



Chains

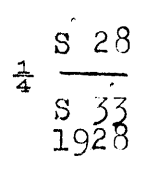


from which,  
 a juniper, 8 ins. diam., brs. N. 43° W., 30 lks. dist.,  
 marked 1/4 S 32 WC.BT  
 No other bearing tree available.  
 40.00 True point for 1/4 sec. cor. falls in ravine a place impracticable to set monument.  
 Descend 96 ft. over broken NE. slope.  
 40.30 Ravine, course NE.  
 46.30 Ravine, course E.  
 63.00 Ravine, course E.  
 66.40 Granite point on spur, 30 ft. high, slope E.  
 Descend 97 ft. over E. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap



No bearing trees available.  
 Raise a mound of stone, 4 ft. base 2 1/2 ft. high, V. of cor.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, juniper.  
 Undergrowth, scrub oak, mesquite and catclaw.

-----  
 East, on a random line, bet. secs. 28 and 33.  
 40.00 Set temp 1/4 sec. cor..  
 80.10 Fall 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.  
 Thence,  
 S. 39° 58' W., on a true line, bet. secs. 28 and 33.  
 Over rolling land, through scattering undergrowth.  
 Ascend 105 ft. over E. slope..  
 3.42 Rocky spur, slopes NE.  
 Descend 413 ft. over NW. slope.  
 15.00 Ravine, course NE.  
 Ascend 287 ft. over SE. slope.  
 22.00 Same ravine, course SE.  
 27.00 Same ravine, course NE., also trail brs. NE and SW.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 18 ins. high, for 1/4 sec. cor. marked on brass cap.



No bearing trees available.  
 Ascend 100 ft. over NE. slope..  
 46.00 Thence over rolling land.  
 53.00 Spur, slopes NE.  
 Descend 213 ft. over NW. slope.  
 66.20 Gulch 150 lks. wide, course NE.  
 Ascend 193 ft. over E. slope.  
 80.10 The cor. of secs. 28, 29, 32 and 33.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw and yucca.

-----

Chains N. 0° 7' W., bet. secs. 28 and 29.  
 Over rolling land, through scattering undergrowth.  
 Descend 156 ft. along E. slope.  
 18.70 Gulch, 100 lks. wide, course SE.  
 Ascend 100 ft. over broken SW. slope.  
 36.33 Spur, slopes SE.  
 Descend 116 ft. over brushy NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone around post,  
 4 ft. base 24 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass  
 cap

$\frac{1}{4}$   
 s29 | s28  
 1928

No bearing trees available.  
 41.70 Head of ravine, course E.  
 47.00 Descend 409 ft. over broken NE. slope.  
 72.50 Ravine, course NE.  
 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, marked on  
 brass cap

T5SR21E  
 s20 | s21  
 s29 | s28  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$  ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, none.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

-----  
 N. 89° 58' E., on a random line, bet. secs. 21 and 28.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 79.98 Fall 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.  
 Thence,  
 S. 89° 59' W., on a true line, bet. secs. 21 and 28.  
 Over rolling land, through scattering timber and under-  
 growth.  
 Ascend 33 ft. over NE. slope.  
 3.16 Spur, slopes SE.  
 Descend 40 ft. over SW. slope.  
 8.20 Ravine, course S.  
 Ascend 63 ft. over SE. slope.  
 13.40 Spur, slopes S.  
 Descend 100 ft. over SW. slope.  
 20.00 Ravine, course SE.  
 Ascend 76 ft. over NE. slope.  
 27.60 Ravine, course SE.  
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone around post,  
 3 ft. base 18 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass  
 cap

S 21  
 $\frac{1}{4}$   
 S 28  
 1928

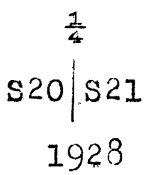
No bearing trees available.

Survey of Subdivisions of T. 5 S. R. 21 E.

Chains Ascend 51 ft. over NE. slope.  
 46.30 Head, of drain, course NE.  
 49.00 Spur, slopes SE.  
 Descend 220 ft. over SW. slope.  
 53.00 Drain, course SW.  
 68.00 Goodwin Wash, 100 lks. wide, course SE.  
 Thence along wash.  
 77.00 Leave Goodwin wash, from NW. course E.  
 Ascend 87 ft. over E. slope.  
 79.98 The cor. of secs. 20, 21, 28 and 29.  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, juniper, cottonwood, sycamore and ash.  
 Undergrowth, mesquite, catclaw and yucca.

N.0° 7' W., bet. secs. 20 and 21.  
 Over rolling land, through scattering timber and undergrowth.

Descend 87 ft. along E. slope.  
 5.00 Goodwin wash, 300 lks. wide, stream 5 lks. wide, course SE.  
 Ascend 138 ft. over broken S. slope.  
 32.00 Spur, slopes SW.  
 Descend 60 ft. over NW. slope.  
 36.80 Ravine, course SW.  
 Ascend 45 ft. over SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base 28 ins. high, for 1/4 sec. cor. marked on brass cap



from which,  
 a pine, 12 ins. diam., brs. N.59°E., 66 lks. dist., marked 1/4 S 21 B T.  
 a juniper, 8 ins. diam., brs. N.81°W., 43 lks. dist., marked 1/4 S 20 B T.

Ascend 590 ft. over broken SW. slope.  
 59.60 Ravine, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base 18 ins. high. for cor. of secs. 16, 17, 20 and 21, marked on brass cap.



from which,  
 Mineral location monument brs. N.35°E., 71 lks. dist.  
 No bearing trees available,  
 Land, rolling.  
 Soil, gravelly 3rd rate.  
 Timber, pinon and juniper.  
 Undergrowth, mesquite, catclaw, yucca and cactus.

Chains.	N. 89° 59' E., on a random line, bet. secs. 16 and 21.
40.00	Set temp $\frac{1}{4}$ sec. cor.
79.96	Fall 2 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence, West, on a true line, bet. secs. 16 and 21. Over rolling land, through scattering undergrowth. Ascend 56 ft. over NE. slope.
3.00	Spur, slopes SE. Descend 109 ft. over SW. slope.
9.50	Ravine, course S.
14.00	Ravine, course SE. Ascend 60 ft. over NE. slope.
20.00	Spur, slopes SE. Descend 50 ft. over SW. slope.
27.70	Ravine, course SE.
35.00	Low spur, slopes SE. Descend 82 ft. over NW. slope.
39.98	Set an iron post, 3 ff. long, 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise mound of stone around post 3 ft. base, 18 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ <u>S 16</u> S 21 1928
	No bearing trees available. Descend 20 ft. over NW. slope.
44.00	Ravine, course S. Ascend 289 ft. over broken SE. slope.
53.00	Ravine, course SE.
75.80	Drain, course S.
79.96	The cor. of secs. 16, 17, 20 and 21. Land, rolling. Soil, gravelly 3rd rate. Timber, none. Undergrowth, mesquite, catclaw, yucca and cactus.
	N. 0° 7' E., bet. secs. 16 and 17. Over rolling land, through scattering undergrowth. Ascend 196 ft. over S. slope.
7.50	Spur, slopes E. Descend 300 ft. over NE. slope.
26.00	Ravine, course S. 48° E. Ascend 36 ft. over SW. slope.
29.00	Thence along E. slope.
39.50	Drain, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone aro- post, 3 ft. base 24 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S17   S16 1928
	No bearing trees available. Descend 100 ft. over NE. slope.
57.00	Wash, 200 lks. wide, course SE.
62.50	Ascend 200 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone aro- und post, 6 ft. base 30 ins. high, for cor. of secs. 8, 9, 16 and 17 marked on brass cap

Chains

T5SR21E  
 S 8 | S 9  
 +  
 S17 | S16  
 1928

from which,  
 a juniper 5 ins. diam., brs. N.32 $\frac{1}{4}$ °E., 180 lks. dist.,  
 marked T 5 S R 21 E S. 9 B T.  
 a juniper 8 ins. diam., brs. S.20°E., 133 lks. dist.,  
 marked T 5 S R 21 E S 16 B T.

No other bearing trees.

Land, rolling.

Soil, gravelly 3 rd rate.

Timber, juniper.

Undergrowth, mesquite, catclaw, yucca and grass.

-----  
 East, on a random line, bet. secs. 9 and 16.

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

80.08 Fall 2 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

S.89°59'W., on a true line, bet. secs. 9 and 16.

Over rolling land, through scattering undergrowth.

Descend 160 ft. over SW. slope.

25.08 Ravine 6 chs. wide, course S.

Ascend 125 ft. over SE. slope.

31.00 Spur, slopes S.

Descend 90 ft. over SW. slope.

34.68 Ravine, course S.

Ascend 83 ft. over SE. slope.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 the ground to bed rock, deposit a stone marked with a  
 cross (x) at base of post, raise a mound of stone aro-  
 und post, 4 ft. base 24 ins. high, for  $\frac{1}{4}$  sec. cor. marked  
 on brass cap

S 9  
 $\frac{1}{4}$  ———  
 S 16  
 1928

No bearing trees available.

40.20 Spur, slopes SE.

42.86 Ravine, course SE.

Ascend 335 ft. over broken SE. slope.

76.00 Spur, slopes SW.

Descend 115 ft. over NW. slope.

80.08 The cor. of secs. 8, 9, 16 and 17.

Land, rolling.

Soil, gravelly 3 rd rate.

Timber, none.

Undergrowth, mesquite, catclaw, yucca and cactus.

-----  
 N.0° 7'W., bet. secs. 8 and 9.

Over rolling land, through scattering timber and under-  
 growth.

Along NW. slope.

1.70 Drain, course SW.

Ascend 200 ft. over SW. slope.

5.50 Spur, slopes SW.

10.00 Drain, course SW.

17.22 Spur, slopes SE.

Descend 276 ft. over NE. slope.

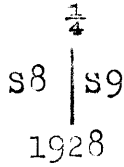
30.00 Ravine, course SE.

Ascend 20 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

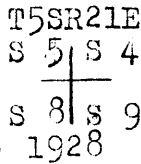
Chains

ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap



No bearing trees available.

- Ascend 264 ft. over SW. slope.
- 52.00 Spur, slopes SE.
- Descend 215 ft. over NE. slope.
- 64.50 Ravine, course E.
- 67.50 Low spur, slopes E.
- 74.50 Ravine, course SE.
- Ascend 50 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post 3 ft. base 26 ins. high, for cor. of secs. 4, 5, 8 and 9, marked on brass cap



from which

- a juniper, 6 ins. diam., brs. N.24 $\frac{1}{2}$ °E., 340 lks. dist., marked T 5 S R 21 E S 4 B T.
- a juniper, 8 ins. diam., brs. S.51 $\frac{1}{2}$ °W., 310 lks. dist., marked T 5 S R 21 E S 8 B T.
- a juniper, 8 ins. diam., brs. N.42°W., 390 lks. dist., marked T 5 S R 21 E S 5 B T.

No other bearing tree available.

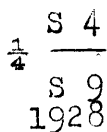
Land, rolling.

Soil, gravelly 3 rd rate.

Timber, juniper.

Undergrowth, mesquite, catclaw, palo verde and grass.

- N.89°59'E., on a random line, bet. secs. 4 and 9.
- 40.00 Set temp  $\frac{1}{4}$  sec. cor.
- 80.12 Intersect the cor. of secs. 3, 4, 9 and 10.
- Thence,
- S.89°59'W., on a true line, bet. secs. 4 and 9.
- Over rolling land, through scattering timber and undergrowth. Descend 30 ft.
- 5.77 Long grassy spur, slopes SE.
- Descend 130 ft. over SW. slope.
- 24.12 Drain, course SE.
- Ascend 75 ft. over NE. slope.
- 29.70 Spur, slopes SE.
- Descend 114 ft. over SW. slope.
- 37.12 Ravine, course S.
- Ascend 52 ft. over NE. slope.
- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap



from which

- a juniper, 6 ins. diam., brs. N.21°E., 14 lks. dist., marked  $\frac{1}{4}$  S 4 B T.
- a juniper, 8 ins. diam., brs. S.82°W., 80 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

Survey of Subdivisions of T. 5 S., R. 21 E.

Chains Ascend 115 ft. over NE. slope.  
 48.60 Spur, slopes SE.  
 Descend 48 ft. over SW. slope.  
 51.52 Ravine, course SE.  
 Ascend 151 ft. over NE. slope.  
 64.00 Spur, slopes SE.  
 Descend 157 ft. over SW. slope.  
 70.82 Deep rocky gulch, course S.  
 Ascend 50 ft. over SE. slope.  
 73.00 Spur, slopes S.  
 Thence along broken S. slope.  
 78.72 Drain, course SE.  
 80.12 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, juniper.  
 Undergrowth, mesquite, catclaw, palo verde and yucca.

-----  
 N.0° 7' W., on a random line, bet. secs. 4 and 5.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.39 Fall 26 lks. E. of the cor. of secs. 4, 5, 32 and 33, on  
 N.bdy. of Tp. hereinbefore described.  
 Thence,  
 S.0° 18' E., on a true line, bet. secs. 4 and 5.  
 Over rolling land, through scattering timber and und-  
 ergrowth.  
 Ascend 40 ft. over NE. slope.  
 5.00 Spur, slopes SE.  
 Descend 160 ft. over SW. slope.  
 20.00 Ravine, course SE.  
 Ascend 40 ft. over broken NE. slope.  
 37.00 Ravine, course E.  
 40.39 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor. marked on brass cap

$\frac{1}{4}$   
 S5 | S4  
 1928

from which,  
 a juniper, 8 ins. diam., brs. S. 58 $\frac{1}{4}$ ° E., 66 lks. dist.,  
 marked  $\frac{1}{4}$  S 4 B T.  
 No other bearing tree available.  
 Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.  
 40.50 Spur, slopes E.  
 Descend 278 ft. over SE. slope.  
 68.58 Ravine, course SE.  
 Ascend 42 ft. over NE. slope.  
 76.00 Spur, slopes SE.  
 Descend 50 ft. over SW. slope.  
 80.39 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, juniper.  
 Undergrowth, mesquite palo verde, catclaw, and yucca.

-----  
 From the standard cor. of secs. 31 and 32 on S. bdy. of  
 Tp., hereinbefore described.  
 N.0° 7' W., bet. secs. 31 and 32.  
 Over mountainous land, through, scattering timber and  
 dense undergrowth.  
 Ascend 35 ft. over SE. slope.  
 3.70 Spur, slopes E.  
 Descend 137 ft. over NE. slope.  
 12.00 Ravine, course SE.  
 Ascend 698 ft. over SW. slope.  
 37.00 Drain, course SW.

Chains	
39.80	Spur, slopes SW.
39.90	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base, 30 ins. high, for witness cor. to $\frac{1}{4}$ sec. cor. marked on brass cap
	from which, a pinon, 8 ins. diam., brs. S89°E., 159 lks. dist., marked $\frac{1}{4}$ S. 32 WC.BT a juniper, 6 ins. diam., brs. N.46°W., 48 lks. dist., marked $\frac{1}{4}$ S 31 WC.BT
40.00	True point for $\frac{1}{4}$ sec. cor. falls on solid rock, a place impracticable to set monument. Ascend 42 ft. over SW. slope.
42.00	Head of draw, course SW.
44.50	High rocky spur, slopes SE. Descend 934 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. 29, 30, 31 and 32, marked on brass cap
	from which, a juniper, 5 ins. diam., brs. S.63 $\frac{1}{2}$ °W., 88 lks. dist., marked T 5 S R 21 E S 31 B T. an oak, 10 ins. diam., brs. N.86°W., 86 lks. dist., marked T 5 S R 21 E S 30 B T. No other bearing trees available. Raise a mound of stone, 3 ft. base 2 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky 4th rate. Timber, cedar pinon, juniper, and oak. Undergrowth, scrub oak, manzanita, palo verde and yucca,
	-----
40.00	East, on a random line, bet. secs. 29 and 32. Set temp $\frac{1}{4}$ sec. cor.
79.96	Intersect the cor. of secs. 28, 29, 32 and 33. Thence, West, on a true line, bet. secs. 29 and 32. Over rolling land, through scattering undergrowth. Ascend 56 ft. over NE. slope.
3.70	Spur, slopes N. Descend 30 ft. over NW. slope,
9.50	Ravine, course N. Ascend 164 ft. over NE. slope.
22.50	Spur, slopes N. Descend 70 ft. over NW. slope.
27.00	Ravine, course N. Ascend 155 ft. over NE. slope.
37.30	Spur, slopes N. Descend 50 ft. over NW. slope.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap



Chains

S 29

 $\frac{1}{4}$ 

S 32

1928

No bearing trees available.

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

Thence along broken N. slope.

46.20 Ravine, course N.

Ascend 118 ft. over NE. slope.

76.00 Short spur, slopes NW.

Descend 27 ft. over SW. slope.

79.96 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Soil, sandy and gravelly 3rd rate.

Timber, none.

Undergrowth, mesquite palo verde, catclaw and yucca.

-----  
West, on a random line, bet. secs. 30 and 31.40.00 Set temp  $\frac{1}{4}$  sec. cor.79.80 Fall 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, on  
N. bdy. of Tp., hereinbefore described.

Thence,

N. 89° 56' E., on a true line, bet. secs. 30 and 31.

Over mountainous land, through scattering timber and  
dense undergrowth.

Ascend 15 ft. over SW. slope.

1.80 Long spur, slopes SE.

Descend 935 ft. over broken E. slope.

39.80 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the  
ground to bed rock, raise a mound of stone around post,  
4 ft. base 22 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass  
cap

S 30

 $\frac{1}{4}$ 

S 31

1928

from which,

an oak, 8 ins. diam., brs. S. 42 $\frac{1}{4}$ ° E., 19 lks. dist.,  
marked  $\frac{1}{4}$  S 31 B T.a pinon, 10 ins. diam., brs. N. 25° W., 131 lks. dist.,  
marked  $\frac{1}{4}$  S 30 B T.

40.30 Wash, 40 lks. wide, course E..

Thence along wash.

44.80 Leave wash, course SE.

50.30 Low spur, slopes SE.

Leave mountainous land, enter rolling land.

Descend 345 ft. over gradual SE. slope.

53.20 Ravine, course SE.

77.80 Ravine, course NE.

79.80 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and mountainous.

Soil, rocky 4th rate.

Timber, pinon, cedar, sycamore, ash and juniper.

Undergrowth, manzanita, scrub oak, mesquite and catclaw.

-----  
N. 0° 8' W., bet. secs. 29 and 30.Over mountainous land, through scattering timber and und-  
ergrowth.

Along SE. slope.

1.80 Draw, course E.

Ascend 453 ft. over SE. slope.

27.00 Spur, slopes E.

Chains

32.00 Drain, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base 18 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline S30 | S29 \\ \hline 1928 \end{array}$$

No bearing trees available.  
 40.50 Spur, slopes SE.  
 Descend 560 ft. over NW. slope.  
 62.56 Head of ravine, course NE.  
 66.00 Spur, slopes NE.  
 77.80 Ravine, course NE.  
 Ascend 15 ft. over SE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 28 ins. high, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

$$\begin{array}{c} T5SR21E \\ S19 | S20 \\ \hline S30 | S29 \\ \hline 1928 \end{array}$$

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak, mesquite, catclaw, yucca and cactus.

East, on a random line, bet. secs. 20 and 29.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.06 Fall 16 lks. N. of the cor. of secs. 20, 21, 28 and 29.  
 Thence,  
 N. 89° 53' W., on a true line, bet. secs. 20 and 29.  
 Over rolling land, through scattering undergrowth.  
 Ascend 620 ft. over NE. slope.  
 17.50 Top of granite knob on spur, slopes NE.  
 Descend 460 ft. over NW. slope.  
 26.56 Head of ravine, course N.  
 Ascend 300 ft. over SE. slope.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins in the ground, for  $\frac{1}{4}$  sec. cor. marked on brass cap

$$\begin{array}{c} S 20 \\ \frac{1}{4} \\ \hline S 29 \\ \hline 1928 \end{array}$$

No bearing trees available.  
 Raise a mound of stone, 4 ft. base 2 $\frac{1}{2}$  ft. high, N. of cor.  
 Continue ascend SE. slope.  
 54.00 Spur, slopes NW.  
 Descend 128 ft. over NW. slope.  
 73.86 Ravine, course NE.  
 Ascend 115 ft. over SE. slope.  
 80.06 The cor. of secs. 19, 20, 29 and 30.  
 Land, rolling.  
 Soil, rocky 4th, rate.  
 Timber, none.  
 Undergrowth, juniper, scrub oak, mesquite and catclaw.

Chains S. 89° 56' W., on a random line, bet. secs. 19 and 30.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 79.80 Fall 7 lks. N. of the true point for cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp. hereinbefore described.  
 Thence,  
 N. 89° 53' E., on a true line, bet. secs. 19 and 30.  
 Over mountainous land, through scattering timber and undergrowth.  
 Ascend along N. slope 29 ft.  
 2.50 Wash, 15 lks. wide, course NW.  
 Ascend 120 ft. over SW. slope.  
 10.00 Rocky spur, slopes NW.  
 Descend 620 ft. over NE. slope.  
 39.80 True point for  $\frac{1}{4}$  sec. cor. falls on solid rock, a place impracticable to set monument.  
 40.55 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base 26 ins. high, on E. side of cliff 50 ft. high, for witness cor. to  $\frac{1}{4}$  sec. cor. marked on brass cap

S 19  
 WC  $\frac{1}{4}$  —————  
 S 30  
 1928

No bearing trees available.  
 73.80 Drain, course NE.  
 76.30 Spur, slopes NE.  
 Descend 44 ft. over SE. slope.  
 79.80 The cor. of secs. 19, 20, 29 and 30.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, pinon, juniper, and oak.  
 Undergrowth, scrub oak, manzanita, mesquite and catclaw.

N. 0° 8' W., bet. secs. 19 and 20.  
 Over mountainous land, through scattering timber and undergrowth.  
 Descend 172 ft. along E. slope.  
 3.70 Ravine, course NE.  
 16.00 Ravine, course E.  
 Ascend 62 ft. over SE. slope.  
 21.00 Spur, slopes E.  
 Descend 422 ft. over broken 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. marked on brass cap

$\frac{1}{4}$   
 S 19 | S 20  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2  $\frac{1}{2}$  ft. high, W. of cor.  
 Descend 30 ft. over NE. slope.  
 44.50 Goodwin Wash, 100 lks. wide, creek 5 lks. wide, course SE.  
 Ascend 250 ft. over broken SW. slope.  
 59.30 Top of granite pinacles.  
 Descend 86 ft. NW slope.  
 62.40 Drain, course W.  
 72.00 Ravine, course W.  
 Ascend 57 ft. over SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base 26 ins. high, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

Chains

T5SR21E

S18 | S17

S19 | S20

1928

No bearing trees available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, juniper, oak and cottonwood.

Undergrowth, mesquite, palo verde, catclaw and yucca.

40.00 S. 89° 53' E., on a random line, bet. secs. 17 and 20.  
Set temp  $\frac{1}{4}$  sec. cor.

79.90 Fall 9 lks. S. of the cor. of secs. 16, 17, 20 and 21.  
Thence,  
N. 89° 57' W., on a true line, bet. secs. 17 and 20  
Over rolling land, through scattering undergrowth.  
Descend 21 ft. over SW slope.

4.00 Wash, 15 lks. wide, course S.  
Ascend 127 ft. over broken S. slope.

10.74 Spur, slopes S.  
Descend 130 ft. over W. slope.

19.45 Wash, 10 lks. wide, course S.  
Ascend 180 ft. over NE. slope.

24.80 Spur, slopes SE.  
Descend 96 ft. over SW. slope.

29.90 Wash, 10 lks. wide, course SW.  
Descend 37 ft. along broken SW. slope.

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

S 17  
 $\frac{1}{4}$  ———  
S 20  
1928

No bearing trees available.  
Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. of cor.  
Descend 29 ft. over broken SW. slope.

47.15 Wash, 10 lks. wide, course SW.

50.10 Wash, 20 lks. wide, course SW.

52.20 Wash, 10 lks. wide, course SW.  
Ascend 164 ft. over SE. slope.

56.80 Low spur, slopes S.  
Descend 196 ft. over NW. slope.

65.90 Wash, 20 lks. wide, course SW.

77.40 Low spur, slopes SW.  
Descend SW. slope.

79.90 The cor. of secs. 17, 18, 19 and 20.  
Land, rolling.  
Soil, gravelly and rocky 3rd and 4th rate.  
Timber, none.  
Undergrowth, mesquite palo verde and catclaw.

40.00 S. 89° 53' W., on a random line, bet. secs. 18 and 19.  
Set temp  $\frac{1}{4}$  sec. cor.

79.59 Fall 21 lks. S. of the cor. of secs. 13, 18, 19 and 24  
on W. bdy. of Tp., hereinbefore described.  
Thence,  
S. 89° 58' E., on a true line, bet. secs. 18 and 19.  
Over mountainous land, through scattering timber and  
undergrowth.  
Ascend 95 ft. along S. slope.

12.00 Spur, slopes SE.  
Descend 683 ft. over NE. slope.

39.59 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
ground to bed rock, raise a mound of stone around post

Chains

3 ft. base, 20 ins. high, for 1/4 sec. cor. marked on brass cap

1/4 S 18  
S 19  
1928

from which,  
a black oak, 12 ins. diam., brs. S. 58 1/2° W., 60 lks. dist., marked 1/4 S 19 B T.  
a cedar, 36 ins. diam., brs. N. 78 1/2° W., 117 lks. dist., marked 1/4 S 18 B T.

Descend 110 ft. over NE. slope.  
53.37 Wash, 30 lks. wide, course NE.  
55.53 Low spur, slopes NW.  
Descend 49 ft. over NE. slope.  
60.20 Goodwin Creek, 150 lks. wide, course S.  
Ascend 107 ft. over W. slope.  
61.80 Wash, 15 lks. wide, course SW.  
67.70 Low spur, slopes SW.  
Ascend 46 ft. over SW. slope.  
79.59 The cor. of secs. 17, 18, 19 and 20.  
Land, mountainous.  
Soil, gravelly and rocky 4th rate.  
Timber, cedar, pinon, oak, sycamore and ash.  
Undergrowth, manzanita, scrub oak, mesquite and catclaw.

N. 0° 8' W., bet. secs. 17 and 18.  
Over mountainous land, through scattering timber and undergrowth.  
Ascend 40 ft. over SW. slope.  
8.00 Drain, course W.  
13.70 Ravine, course SW.  
24.80 Ravine, course SW.  
Ascend 272 ft. over SE. slope.  
37.00 Spur, slopes NW.  
Descend 45 ft. over NE. slope.  
40.00 Set an iron post, 3 ft. long 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base 18 ins. high, for 1/4 sec. cor. marked on brass cap

1/4  
S 18 | S 17  
1928

No bearing trees available.  
50.20 Descend 326 ft. over NE. slope.  
Ravine course SW.  
Ascend 140 ft. over SW. slope.  
66.00 Low spur, slopes SE.  
Thence along E. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base 16 ins. high, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T5SR21E  
S 7 | S 8  
S 18 | S 17  
1928

from which,  
a juniper, 6 ins. diam., brs. N. 25° E., 106 lks. dist., marked T 5 S R 21 E S 8 B T.

Chains  
 a juniper, 6 ins. diam., brs. S.73°E., 315 lks. dist.,  
 marked T 5 S R 21 E S 17 B T.  
 a juniper, 6 ins. diam., brs. S.13°W., 63 lks. dist.,  
 marked T 5 S R 21 E S 18 B T.  
 a juniper, 6 ins. diam., brs. N.63½°W., 214 lks. dist.,  
 marked T 5 S R 21 E S 7 B T.  
 Land, mountainous.  
 Soil, gravelly 3rd rate.  
 Timber, cedar, juniper, oak and pinon.  
 Undergrowth, mesquite, manzanita, catclaw and yucca.

-----  
 S. 39°57'E., on a random line, bet secs. 8 and 17.  
 40.00 Set temp ¼ sec. cor.  
 80.00 Fall 9 lks. S. of the cor. of secs. 8, 9, 16 and 17.  
 Thence,  
 S. 39°59'W., on a true line, bet. secs. 8 and 17.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 Descend 100 ft. over SW. slope.  
 6.70 Ravine, course SE.  
 Ascend 700 ft. over NE. slope.  
 16.00 Spur, slopes S.  
 Descend 167 ft. over SW. slope.  
 31.60 Ravine, course SE.  
 Ascend 95 ft. over NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 the ground for ¼ sec. cor. marked on brass cap

S 8  
 ¼ ———  
 S17  
 1928

No bearing trees available.  
 Raise a mound of stone, 3 ft. base 2½ ft. high, N. of cor.  
 Ascend 98 ft. over NE. slope.  
 54.30 Ravine, course SE.  
 60.00 Spur ridge brs. SE and NW.  
 Descend 297 ft. over broken SW. slope.  
 77.50 Ravine, course S.  
 Ascend 30 ft. over E. slope.  
 80.00 The cor. of secs. 7, 8, 17 and 18.  
 Land, mountainous.  
 Soil, gravelly 3rd rate.  
 Timber, juniper and oak.  
 Undergrowth, mesquite and catclaw.

-----  
 N. 39°58'W., on a random line, bet. secs. 7 and 18.  
 40.00 Set temp ¼ sec. cor.  
 79.44 Fall 5 lks. S. of the true point for cor. of secs. 7, 12,  
 13, and 18, (149 lks. S. of the witness cor) on W. bdy.  
 of Tp., hereinbefore described.  
 Thence,  
 S. 39°56'E., on a true line, bet. secs. 7 and 18.  
 Over mountainous land, through scattering timber and under-  
 growth.  
 1.00 Goodwin Creek, 150 lks. wide, course SW.  
 Ascend 142 ft. over NW. slope.  
 7.70 Rocky spur, slopes S.  
 Descend 150 ft. over SE. slope.  
 17.00 Wash, 40 lks. wide, course S.  
 Ascend 484 ft. over W. slope.  
 39.44 Set an iron post, 3 ft. long, lin. diam., 16 ins. in the  
 the ground to bed rock, deposit a stone marked with a  
 (x) at base of post, raise a mound of stone, 4 ft. base  
 20 ins. high, for ¼ sec. cor. marked on brass cap

Chains

$$\frac{1}{4} \frac{S 7}{S 18}$$

1928

- No bearing trees available
- Ascend 202 ft. over W. slope.
- 39.30 Spur, slopes S.
- Descend 305 ft. over SE. slope.
- 50.44 Low spur, slopes SE. continue descending.
- 61.24 Head of ravine, course NE.
- Ascend along S. slope.
- 69.44 Low spur, course NE.
- Descend 493 ft. over NE. slope.
- 79.44 The cor. of secs. 7, 8, 17 and 18.
- Land, mountainous.
- Soil, rocky 4 th rate.
- Timber, cedar, pinon and juniper.
- Undergrowth, mesquite, catclaw and yucca.

N.0°8'W., bet. secs. 7 and 8.  
Over rolling land, through scattering timber and undergrowth.

- Descend 30 ft. over NE. slope.
- 3.90 Ravine, course SE.
- Ascend 399 ft. over SE. slope.
- 11.90 Spur, slopes SE. continue ascending.
- 14.60 Short ravine, course SE.
- 31.00 Spur, slopes NW.
- Descend 63 ft. over NW. slope.
- 37.70 Ravine, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base, 26 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass cap

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

$$S 7 | S 8$$

1928

from which,  
a juniper, 6 ins. diam., brs. N.45°E., 108 lks. dist.,  
marked  $\frac{1}{4}$  S 8 B T.  
a juniper, 8 ins. diam., brs. S.14°W., 178 lks. dist.,  
marked  $\frac{1}{4}$  S 7 B T.

- 43.40 Ravine, course W.
- Ascend 269 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base, 16 ins. high, for cor. of secs. 5, 6, 7 and 8 marked on brass cap

$$T5SR21E$$

$$S 6 | S 5$$

$$S 7 | S 8$$

1928

No bearing trees available.  
Land, rolling.  
Soil, gravelly 3rd rate.  
Timber, cedar, juniper and pinoh.  
Undergrowth, mesquite, catclaw, yucca and cactus.

Chains N. 89° 59' E., on a random line, bet. secs. 5 and 8.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 79.90 Fall 9 lks. N. of the cor. of secs. 4, 5, 8 and 9.  
 Thence,  
 N. 89° 57' W., on a true line, bet. secs. 5 and 8.  
 Over rolling land, through scattering undergrowth.  
 Ascend 50 ft. over SE. slope.  
 2.00 Ravine, course SE.  
 6.00 Spur, slopes SE.  
 13.60 Ravine, course S. 70° E.  
 Ascend 205 ft. over NE. slope.  
 39.80 Spur, slopes SE.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground to bed rock, deposit a stone marked with a cross  
 (x) at base of post, raise a mound of stone around post,  
 4 ft. base 16 ins. high, for  $\frac{1}{4}$  sec. cor. marked on brass  
 cap

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

1928

No bearing trees available.  
 Ascend 237 ft. over brushy NE. slope.  
 53.00 Ravine, course SE.  
 69.00 Spur, slopes N.  
 71.00 Drain, course NE.  
 79.00 Long spur, slopes SE.  
 Descend SW. slope.  
 79.90 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling.  
 Soil, gravelly 3 rd rate.  
 Timber, pinon cedar, and juniper.  
 Undergrowth, manzanita, mesquite and catclaw.

N. 89° 56' W., on a random line, bet. secs. 6 and 7.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 78.95 Fall 5 lks. S. of the cor. of secs. 1, 6, 7 and 12 on W.  
 bdy. of Tp., hereinbefore described.  
 Thence,  
 S. 89° 54' E., on a true line, bet. secs. 6 and 7.  
 Over mountainous land, through scattering timber and under-  
 growth.  
 Ascend 447 ft. over broken SW. slope.  
 7.00 Wash, 10 lks. wide, course SW.  
 31.30 Spur, slopes S.  
 Descend 277 ft. over E. slope.  
 38.95 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 the ground to bed rock, raise a mound of stone around  
 post, 4 ft. base 18 ins. high, for  $\frac{1}{4}$  sec. cor. marked  
 on brass cap

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

1928

from which,  
 a pinon, 8 ins. diam., brs. S. 60° E., 63 lks. dist.,  
 marked  $\frac{1}{4}$  S 7 B T.  
 a juniper, 6 ins. diam., brs. N. 74° W., 145 lks. dist.,  
 marked  $\frac{1}{4}$  S 6 B T.  
 Descend 50 ft. over SE. slope.  
 40.45 Ravine, course SE.  
 Ascend 250 ft. over SW. slope.  
 50.50 Spur, slopes SE.  
 Descend 273 ft. over NE. slope.  
 61.70 Ravine, course SE.  
 Ascend 196 ft. over SW. slope.



Chains  
78.95

The cor. of secs. 5, 6, 7 and 8.  
Land rolling.  
Soil, gravelly 3rd rate.  
Timber, pinon, cedar and juniper.  
Undergrowth, scrub oak, mesquite, catclaw and yucca.

40.00  
80.40

N.0°3'W., on a random line, bet. secs. 5 and 6.  
Set temp 1/4 sec. cor.  
Fall 28 lks. E. of the cor. of secs. 5, 6, 31 and 32, on  
N.bdy. of Tp., hereinbefore described.  
Thence.

10.40  
14.80

S.0°20'E., on a true line, bet. secs. 5 and 6.  
Over rolling land, through scattering undergrowth.  
Descend 100 ft. over SW. slope.

21.90

Ravine, course SE.  
Ravine, course NE.  
Ascend 102 ft. over NE. slope.  
Spur. slopes NE.

29.40

Descend 85 ft. over SE. slope.  
Ravine, course E.  
Ascend 50 ft. over NE. slope.

31.90

Spur. slopes E.  
Descend 68 ft. over SE. slope.

40.40

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bed rock, deposit a stone marked with a  
cross (x) at base of post, raise a mound of stone aro-  
und post, 3 ft. base, 18 ins. high, for 1/4 sec. cor.  
marked on brass cap.

1/4

S6|S5

1928

43.40

No bearing trees available.  
Ravine, course SE.  
Ascend 85 ft. over NE. slope.

63.70

Spur, slopes E.  
Descend 125 ft. over SE. slope.

72.60

Drain, course E.  
Ascend 51 ft. over NE. slope.

76.70

Spur. slopes SE.  
Descend 173 ft. over SW. slope.

80.40

The cor. of secs. 5, 6, 7 and 8.  
Land. rolling.  
Soil, gravelly 3rd rate.  
Timber, cedar, juniper and oak.  
Undergrowth, scrub oak, mesquite, catclaw and yucca.

Final tests of instruments, Buff and Buff No.19423, and  
Young and Sons, No, 8584.

April 18, 1928;

Examine the adjustments of the transits and find them  
correct: then to test the solar apparatus, by comparing  
their indications, resulting from observations made  
during a.m. and p.m hours with a meridian established  
by Polaris observation as follows:

April 19, 1928;

At camp near the 1/4 sec. cor. of secs. 23 and 26 of T.  
5 S., R. 21 E., G and SR Base Meridian Arizona, lat-  
itude 32°58'N., longitude, 110°9 1/2'W., at 5h.49.8m a.m.  
l.m.t., observe Polaris at eastern elongation,

Chains

making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in line thus determined on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at eastern elongation is  $1^{\circ}17'24''$

At 7h 45m a.m. lay off the azimuth of Polaris  $1^{\circ}17\frac{1}{2}'$  to the west, and mark the meridian thus determined by a tack driven firmly in a peg in the ground 5 ch. N.

At 8h 0m a.m. app. t., set off  $32^{\circ}58'$  N. on the lat. arcs  $11^{\circ}15'N.$ , on the decl arcs; and determine a meridian with the solar, both of which agree with the true meridian.

at apparent noon, with the lat. arcs unchanged, observe the sun on the meridian; the resulting reading of each decl arc is  $11^{\circ}18'N.$  which agrees with the computed decl. of the sun.

At 4h. 0m. p.m. app. t., with the lat. arcs unchanged, set off  $11^{\circ}22'$  N. on the decl arcs, and determine a meridian with each solar, both of which agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within 1' of the true meridian, conclude that the adjustments of the instruments were maintained satisfactorily throughout the survey.

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General Description.

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The surface of the entire township is rolling, with the exception of the W. bdy. which is known as part of the Santa Teresa Mountains.

The soil, over the mountains is rocky 4th rate, over the remainder of the township is sandy and gravelly 3rd rate.

The timber consisting of cedar, pinon, juniper, and oak is scattering through a portion of the sections. Sycamore, ash and cottonwood is found along Goodwin wash. The undergrowth, consisting of mesquite, catclaw palo verde, manzanita and scrub oak is scattering in all sections.

The only water supply within the township is Goodwin Creek, which is dry during the summer months. enters the southwestern part of sec. 7 and drains southerly into sec. 28, thence where it takes a northeasterly course and leaves the township near the cor. of secs. 13, 18, 19 and 24 on E. bdy. of the township.

Black Rock creek, enters the township near the standard cor. of secs. 33 and 34 on S. bdy of Tp. and traverses northeasterly thru secs. 34, 35, and 36 leaving the Tp. near the cor. of secs. 25, 30, 31 and 36 on E. bdy. of the township.

There are no surface indications of valuable mineral deposits.

There are several settlers within the township, a house and windmill lying in the NW  $\frac{1}{4}$  of sec. 36 and fences inclosing a small tract, owned by the YL Cattle Co.

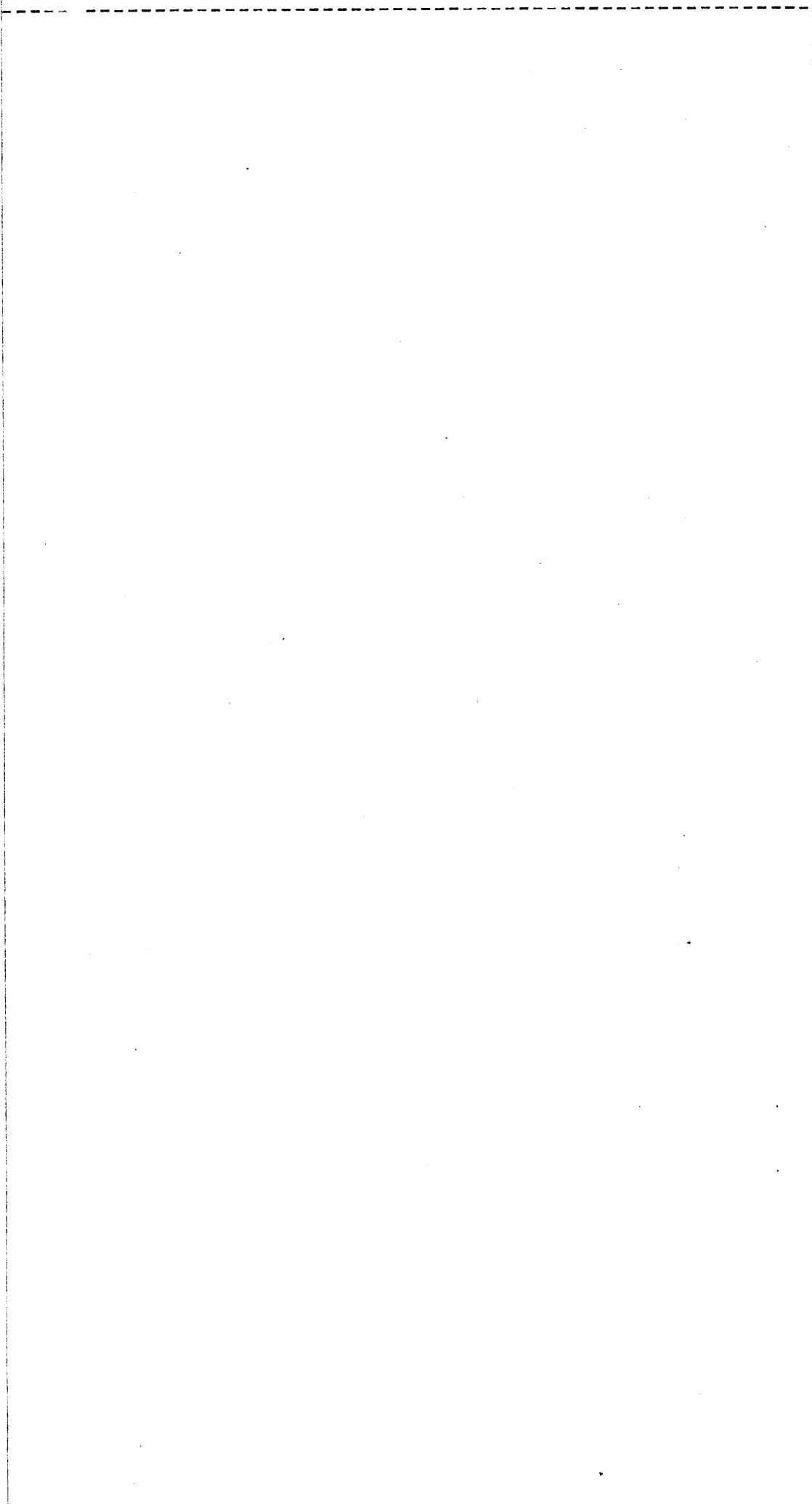
Survey of Subdivisions of T. 5 S., R. 21 E.

Chains

P.Hinton who lives in the SE.  $\frac{1}{4}$  of sec. 35, has a house windmill, and fences enclosing a small orchard.

T.Hinton has houses, windmills and corrals and fences inclosing small tracts in NE  $\frac{1}{4}$  sec. 24 SW  $\frac{1}{4}$  sec. 23 and NW  $\frac{1}{4}$  sec. 27 all lying along Goodwin Wash.

A good road traverses through a portion of the township, from T. hinton's place in sec. 27 leaving the township near the cor. of secs. 25, 30, 31 and 31, to Ft. Thomas.





BOOK 3872

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Charles E. Hunter, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 141, Arizona, bearing date of the 23rd day of June, 1926, 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

Subdivision Lines

of

TOWNSHIP 5 SOUTH, RANGE 21 EAST,

of the Gila & Salt

River Base & Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 141, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona,

Charles E. Hunter  
U. S. Transitman

Date: April 25, 1928.

APPROVAL:

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

19

The foregoing field notes of the survey of

executed by

under his special instructions dated, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General

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

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

U. S. Surveyor General

BOOK 3872

4-680

**FIELD ASSISTANTS.**

to

William E. Hiester, U. S. Surveyor,

NAMES.	CAPACITY.
L. A. Burgess,	1st Chainman,
Vern Liebman,	2nd Chainman,
George Mc Pherson,	2nd Chainman,
George M. Tucker,	Flagman,
M. A. Tenney,	Axeman
Carlos Humphreys,	Moundsman,
George Mc Pherson,	Moundsman.

CERTIFICATE OF UNITED STATES SURVEYOR.

NOT RECORDED

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 141, Arizona, bearing date of the 23rd day of June, 1926, 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, retraced all those parts or portions of the East Boundary of Township 5 South, Range 21 East, and resurveyed all those parts or portions of the East Boundary of Township 5 South, Range 21 East, and surveyed all those parts or portions of 1st Std. Par. S. in R. 21 E., West and North bdrs. and Subdivision lines of T. 5 S., R. 21 E. of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 1 hereof</sup> as having been executed by me, and under my direction; and that all the corners of said retracement, resurvey and 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 Group 141, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.

Place: Phoenix, Arizona,

*William E. Hiester*  
U. S. Surveyor.

Date: June 6, 1928.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., December 7, 1929.

The foregoing field notes of the retracement of Part of East Boundary of Township 5 South, Range 21 East, of the resurvey of Part of East Boundary, Township 5 South, Range 21 East, and of the survey of Part (completion of 1st Std. Par. S., in R. 21 E., West Bdy., North Boundary and Subdivision Lines of

TOWNSHIP 5 SOUTH, RANGE 21 EAST,

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

executed by William E. Hiester, U. S. Surveyor and Charles E. Hunter, U. S. Transitman

under the special instructions dated June 23, 1926, for Group 141, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

*Charles E. Hunter*  
U. S. Supervisor of Surveys.

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

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

U. S. Surveyor General.