

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4191

FIELD NOTES

4191

OF THE SURVEY OF

WEST BOUNDARY OF T. 5 N., R. 14 E.

and

NORTH BOUNDARY OF T. 5 N., R. 14 E.

and the

SUBDIVISION LINES OF

TOWNSHIP 5 NORTH, RANGE 14 EAST

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

Ty White, Norville E. Shearer and Frank Kennon

Public Land Surveyors

1671

supplemental
Under special instructions dated April 28, 1938, which provided
for the surveys included under Group No. 223, Arizona, bearing the approval of the
Commissioner of the General Land Office under date of May 21, 1938
assignment instructions dated May 12, 1938

Survey commenced May 24, 1938

Survey completed July 8, 1938

INDEX DIAGRAM.

Township _____, Range _____

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BOOK "C" GROUP 223-ARIZONA.

INDEX-DIAGRAM.

BOOK 4191

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FRAC. T.5 N., R.15 E.

—— Lines of accepted surveys.

==== Lines resurveyed under this group.

—— Lines surveyed under this group.

----- Unsurveyed.

Areas surveyed as per accepted plats on file.

The surveys herein described were executed by Ty White, Norville E. Shearer and Frank Kennon, Public Land Surveyors, using respectively, Buff and Buff transits Nos. 18002 and 10125, and Young and Sons' transit No. 8385. Each of these instruments is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office. The instruments were examined and tested by the District Cadastral Engineer for California and Arizona prior to the beginning of the surveys of this group, and were approved conditional upon satisfactory results of field tests of same.

The azimuths of all of the lines of survey herein described were determined with the solar attachments.

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 links, and the remainder at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard tape and found to be correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

PRELIMINARY FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 18002
Ty White, Public Land Surveyor.

May 22, 1938, at camp in NE $\frac{1}{4}$ of sec. 12, T. 5 N., R. 13 E., G. & S.R. Meridian, Arizona, in latitude 33°47'35" N., longitude 110°57'24" W., examine the adjustments of Buff and Buff transit No. 18002 and find no errors; then, to test the solar apparatus of same by comparing its indications with a true meridian established by Polaris observation, proceed as follows:

May 22, 1938, watch reading correct 105th meridian time by comparison with Western Union telegraph clock, make an hour angle observation on Polaris west of the meridian, at 6h. 03m. 34s., p.m., l.m.t., making four observations, two each with the telescope in direct and reversed positions, and reading the deflection angles from a marked point about 10' chs. northerly, west to Polaris.

Mean watch time of observation, p.m.	6h 27m 23s
Watch fast of l.m.t.	23m 49s
Mean horizontal angle from Polaris E. to reference point	1°01.7'
Azimuth of Polaris	<u>0°59.7'</u>
True bearing of reference point	N. 0°02' E.

May 23, 1938, at 9h 00m., a.m., app.t., set off 33° 47 $\frac{1}{2}$ ' N. on the latitude arc; 20°33' N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian, and obtain a reading of 20°34' N. on the declination arc, which agrees with the computed declination of the sun.

At 3h 00m., p.m., app.t., with the latitude arc unchanged;

2.

set off $20^{\circ}36'$ N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1'30''$ of the true meridian, conclude that the adjustments of this instrument are satisfactory on this date.

Buff and Buff transit No. 10125.
Norville E. Shearer, Public Land Surveyor.

On same date, at same station, and using the reference point established by Ty White, Public Land Surveyor, by Polaris observation, test the solar apparatus of Buff and Buff transit No. 10125 as follows:

At 9h 00m., a.m., app.t., set off $33^{\circ}47\frac{1}{2}'$ N. on the latitude arc; $20^{\circ}33'$ N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian, and obtain a reading of $20^{\circ}34'$ N. on the declination arc which agrees with the computed declination of the sun.

At 3h 00m., p.m., app.t., with the latitude arc unchanged, set off $20^{\circ}36'$ N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1'30''$ of the true meridian, conclude that the adjustments of this instrument are satisfactory on this date.

Young and Sons' transit No. 8385.
Frank Kennon, Public Land Surveyor.

On same date, at same station, and using the reference point established by Ty White, Public Land Surveyor, by Polaris observation, test the solar apparatus of Young and Sons' transit No. 8385 as follows:

At 9h.00m., a.m., app.t., set off $33^{\circ}47\frac{1}{2}'$ N. on the latitude arc; $20^{\circ}33'$ N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with the latitude arc unchanged; observe the sun on the meridian, and obtain a reading of $20^{\circ}34'$ N. on the declination arc which agrees with the computed declination of the sun.

At 3h.00m., app.t., with the latitude arc unchanged; set off $20^{\circ}36'$ N. on the declination arc; and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1'30''$ of the true meridian, conclude that the adjustments of this instrument are satisfactory on this date.

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

3.

Chains

The std. cor. of Ts. 5 N., Rs. 13 and 14 E. on the 1st Std. Par. N. established in 1881, is a porphyry rock 12x14x12 ins. above ground, firmly set, marked with 6 grooves on each of E., W. and N. faces and witnessed by a mound of stone N. No bearing trees.
Reconstruct this cor. monument as follows: remove the stone and in same place set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in the ground, with the old cor. stone reset alongside for std. cor. of Ts. 5 N., Rs. 13 and 14 E., with brass cap marked

S C	
T5N	
R13E	R14E
S36	S31

1938

Thence

North bet. secs. 31 and 36.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 87 ft. over SE. slope.

- 3.80 Spur, slopes S. 20° W.; desc. 75 ft. over NW. slope.
- 14.10 Wash, 4 lks. wide, course SW. in bottom of ravine; asc. 315 ft. over SE. slope.
- 36.33 Spur, slopes SW.; asc. slightly along steep W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S31	S36

1938

No bearing trees available.

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

Desc. 46 ft. over NW. slope.

- 50.00 Wash, 5 lks. wide, in bottom of rocky gulch, course SW.; asc. 45 ft. along right bank of wash.
- 55.40 Same wash, course SE.; asc. 20 ft. along left bank of wash.
- 59.00 Same wash, course SW.; asc. 382 ft. over steep broken S. slope to
- 67.39 Top of perpendicular cliff 60 ft. high, bearing NW. and SE. facing SW.; asc. 78 ft. over SW. slope.
- 71.00 Top of bluff bears NW. and SE.; desc. 18 ft. over NE. slope.
- 73.50 Rim bears E. and SW.; desc. 102 ft. over N. slope.
- 78.27 Head of ravine, course SW.; asc. 12 ft. over S. slope to

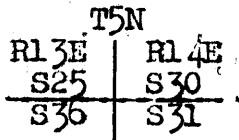
SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

4.

Chains

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 25, 30, 31 and 36, with brass cap marked



1938

from which

- A juniper, 3 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ E., 42 lks. dist., marked BT. only.
- A mesquite, 3 ins. diam., bears S. $28\frac{1}{2}^{\circ}$ E., 86 lks. dist., marked BT. only.
- A juniper, 3 ins. diam., bears S. $47\frac{1}{2}^{\circ}$ W., 163 lks. dist., marked BT. only.
- A juniper, 3 ins. diam., bears N. 49° W., 38 lks. dist., marked BT. only.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde, mesquite, juniper and hackberry.

Undergrowth, oak brush, el jerita berry, cat claw, sage brush and cacti.

 North bet. secs. 25 and 30.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 74 ft. over S. slope.

18.16 Point of spur, slopes SW.; desc. 66 ft. over NW. slope.

34.70 Wash, 8 lks. wide, in bottom of gulch, course W.; asc. 30 ft. over cliff to

34.80 Top of cliff bears E. and W. facing S.; asc. 105 ft. over steep S. slope.

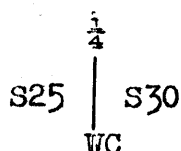
37.30 Point of spur, slopes W.; desc. 40 ft. over NW. slope.

38.80 Wash, 8 lks. wide, in bottom of gulch, course SW.; asc. 110 ft. over steep broken S. slope.

40.00 True point for $\frac{1}{4}$ sec. cor. falls in slide rock where it is impracticable to monument the corner, therefore at 50 lks. North, establish witness corner as hereinafter described.

40.30 Top of perpendicular cliff 50 ft. high, bearing E. and W. facing S. Asc. slightly over SE. slope to

40.50 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) chiseled on exposed bedrock, and in a mound of stone to top, for witness corner to $\frac{1}{4}$ sec. cor., with brass cap marked



1938

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

5.

Chains	No bearing trees available. Asc. 45 ft. over SE. slope.
45.00	Spur, slopes SW.; desc. 60 ft. over NW. slope to
50.00	South rim of box canyon, bears NE. and SW.; desc. 100 ft. over perpendicular cliff facing NW.
50.50	Bottom of box canyon, course S. 80° W.; heads 2 chs. NE.; asc. 125 ft. over cliff to
51.00	North rim of box canyon, bears NE. and SW.; asc. 61 ft. over SW. slope to wash.
57.10	Cement water trough, 3x9 ft., 1½ ft. deep, bears W., 52 lks. dist.
60.15	Bend in graded county road (Globe-Young) bears NW. and NE.
60.60	Wash, 15 lks. wide, in bottom of ravine, course S. 10° W. asc. 200 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T5N.

R13E	R14E
S24	S19
S25	S30

1938

No bearing trees available.

Land, mountainous.
 Soil, rocky, 3rd and 4th rates.
 Timber, mesquite, juniper and pinyon.
 Undergrowth, oak brush, el jerita berry and cacti.

North bet. secs. 19 and 24.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 15 ft. over SW. slope.

1.60	Point of spur, slopes SW. E. side of U.S.F.S. cement reservoir, bears N. 53°50' W. Desc. 49 ft. over NW. slope.
4.95	Bottom of ravine, 3 lks. wide, course SW.; asc. 320 ft. over broken, rocky SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S24	S19
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 1938

No bearing trees available.

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

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

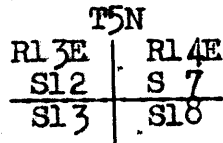
6.

Chains	Asc. 178 ft. over SW. slope.								
44.31	Center of E. side of U.S.F.S. cement reservoir bears S. 77°27' W.								
48.00	Spur, slopes W., desc. 80 ft. over NW. slope.								
53.80	Wash, 5 lks. wide, in bottom of gulch, course W., asc. 30 ft. over S. slope to								
55.00	Rim bears E. and W. Asc. 90 ft. over W. slope.								
79.20	Point of spur, slopes NW. Desc. slightly over NW. slope to								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 13, 18, 19 and 24, with brass cap marked								
	<table border="1"> <tr><td colspan="2">T5N</td></tr> <tr><td>R13E</td><td>R14E</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td>S24</td><td>S19</td></tr> </table> <p>1938</p>	T5N		R13E	R14E	S13	S18	S24	S19
T5N									
R13E	R14E								
S13	S18								
S24	S19								
	No bearing trees available.								
	Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper, oak and pinyon. Undergrowth, oak brush, catclaw and cacti.								
	North bet. secs. 13 and 18.								
	Over mountainous land, thru scattering timber and dense undergrowth.								
	Desc. 45 ft. over NW. slope.								
3.00	Bottom of ravine, 3 lks. wide, course W.; asc. 134 ft. over SW. slope.								
14.00	Spur, slopes W.; desc. 100 ft. over NW. slope.								
23.20	Bottom of ravine, 5 lks. wide, course W.; asc. 80 ft. over SW. slope.								
31.00	Spur, slopes W.; desc. 90 ft. over broken NW. slope to								
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked								
	<table border="1"> <tr><td colspan="2">$\frac{1}{4}$</td></tr> <tr><td>S13</td><td>S18</td></tr> </table> <p>1938</p>	$\frac{1}{4}$		S13	S18				
$\frac{1}{4}$									
S13	S18								
	No bearing trees available.								
	Desc. 335 ft. over steep NW. slope.								
61.30	Graded county road (Globe-Young) bears NE. and SW.; side road to asbestos mines extends E.								

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

Chains

- 63.50 Pocket Creek, 25 lks. wide, course W. with water in pockets; asc. 414 ft. over S. slope to sec. cor.
- 65.00 Graded county road (Globe-Young) bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked



1938

No bearing trees available.

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

Land, mountainous.
 Soil, rocky, 3rd and 4th rates.
 Timber, juniper, oak and pinyon.
 Undergrowth, oak brush, manzanita, catclaw and cacti.

North bet. secs. 7 and 12.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 30 ft. over S. slope.

- 2.41 U.S. Forest Service triangulation flag No. 51 bears W. 5 lks. dist.

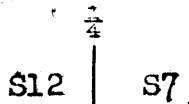
- 3.00 Point of spur, slopes SW.; asc. gradually along W. slope.

U.S.F.S. triangulation flag No. 55 bears S.10°38' W.
 " " " No. 52 bears S.76°17' W.
 " " " No. 4 bears N.48°11' W.
 West galvanized iron tank, bears N. 37°46' W.
 East " " " bears N.35°39' W.

- 11.40 Desc. 92 ft. over NW. slope.

- 18.40 Bottom of ravine, course W.; asc. 433 ft. over SW. slope to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



1938

No bearing trees available.

Asc. 57 ft. over SW. slope.

- 41.90 Spur, slopes W.; desc. 205 ft. over steep NW. slope,

U.S.F.S. triangulation flag No. 55 bears S.6°08' W.
 " " " No. 52 bears S.51°49' W.
 " " " No. 4 bears N.81°34' W.

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

8.

Chains

West galvanized iron tank, bears N.55°46' W.
East galvanized iron tank, bears N.53°15' W.

49.70 Bottom of ravine, 3 lks. wide, course W.; asc. 173 ft. over SW. slope.

57.20 Spur, slopes W. Enter rolling land. Desc. gradually over NW. slope:

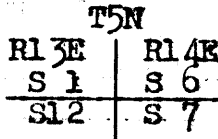
59.02 Leave scattering and enter dense timber.

60.70 Blazed trail, bears E. and W.

66.82 Rim, bears E. and SW. Reenter mountainous land; desc. 210 ft. over steep NW. slope to sec. cor.

67.60 U.S.F.S. drift fence (4 wire) bears N. 60° W., and S. 60° E.

80:00 Set an iron post; 3 ft; long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked



1938

from which

A pine, 8 ins. diam., bears N. 40° E., 51 lks. dist., marked T5N R14E S6 BT.

An oak, 8 ins. diam., bears S. 55° E., 72 lks. dist., marked T5N R14E S7 BT.

A juniper, 8 ins. diam., bears S. 5° W., 19 lks. dist., marked T5N R13E S12 BT.

An oak, 10 ins. diam., bears N. 38½° W., 45 lks. dist., marked T5N R13E S1 BT.

Land, mountainous and rolling.
Soil, rocky, 3rd and 4th rates.
Timber, oak, juniper and pine.
Undergrowth, oak brush, manzanita, catclaw and cacti:

North bet. secs. 1 and 6.

Over mountainous land, thru dense timber and undergrowth.
Desc. 96 ft. over NW. slope.

2.20 Parker Creek pack trail, bears E. and W.

3.10 Parker Creek (dry) 15 lks. wide, course W.; asc. 444 ft. over SW. slope.

3.37 Electric power line (4 wire), bears N.80° E. and S. 80° W.

18.30 U.S.F.S. drift fence (4 wire), bears E. and W.

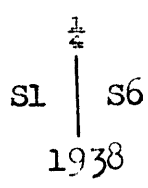
18.35 Point of spur, slopes W.; desc. 188 ft. over NW. slope.

25:60 Wash, 20 lks. wide, course SW. Leave dense and enter scattering timber; asc. 278 ft. over steep S. slope to top of cliff:

SURVEY: WEST BOUNDARY OF T. 5 N., R. 14 E.

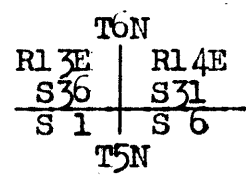
Chains

- 26.10 Blazed trail, bears NE. and SW.
- 32.30 Top of perpendicular cliff, 80 ft. high, bearing E. & W., facing S.; asc. 240 ft. over SE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



No bearing trees available.
 Asc. 527 ft. over SE. slope.

- 51.20 Drift fence (2 wire) bears NE. and SW.
- 57.40 Ridge forming divide between Parker and Rose Creeks, bears NE. and SW. Leave scattering and enter dense timber.
 U.S.F.S. triangulation flag No. 7-C, bears S. $54^{\circ}54'$ E.
 " " " " 24-A, bears S. $34^{\circ}18'$ W..
 " " " " 27-B, bears N. $68^{\circ}36'$ E.
- Thence across top of ridge.
- 57.80 Leave top of ridge; desc. 163 ft. over NW. slope.
- 59.95 A yellow pine 10 ins. in diam., on line, marked with 2 notches on each of N. and S. sides.
- 63.00 Bottom of ravine, 3 lks. wide, course NW.; asc. 50 ft. over steep SW. slope.
- 68.00 Point of spur, slopes W.; desc. 13 ft. over NW. slope.
- 70.40 Bottom of ravine, 3 lks. wide, course SW. Leave dense and enter scattering timber; asc. 327 ft. over steep S. slope to
- 80.00 Spur slopes SW.
 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of Ts. 5 and 6 N., Rs. 13 and 14 E., with brass cap marked



1938

from which

- A yellow pine, 12 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ E., 81 lks. dist., marked T6N R14E S31 BT.
- No bearing tree available in Sec. 6
- An oak, 3 ins. diam., bears S. $38\frac{1}{2}^{\circ}$ W., 28 lks. dist., marked BT. only.
- A yellow pine, 10 ins. diam., bears N. $18\frac{3}{4}^{\circ}$ W., 63 lks. dist., marked T6N R13E S36 BT.

SURVEY: WEST BOUNDARY. OF T. 5 N., R. 14 E.

10

Chains

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

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

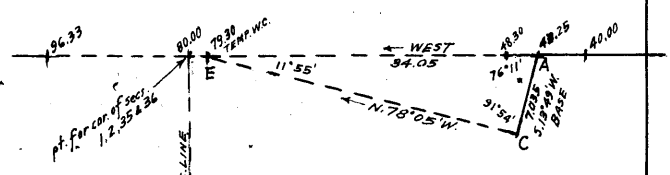
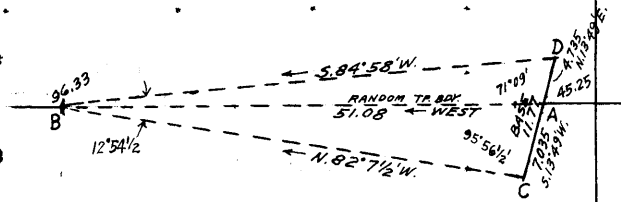
Timber, oak, pine and juniper.

Undergrowth, manzanita, oakbrush and cacti.

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

11

Chains	
	From the cor. of Ts. 5 and 6 N., R. 14 and Frac. R. 15 E. West, on random line, setting temp. $\frac{1}{4}$ sec. and sec. cors., alternately, at 40 ch. intervals.
45.25	Triangulation point. Continue chaining.
48.30	Right or SE. rim of Castle Creek Canyon bears NE. and SW. Beyond this point the line crosses said canyon, course NE., the walls of which are too precipitous and broken to allow chaining, therefore triangulate measurement of the random Tp. bdy. across the canyon as follows:
	<p>Designate 45.25 ch. station as "A" and set flag "B" ahead on random Tp. bdy. near left or NW. rim of the canyon, the vertical angle to which is $+16\frac{1}{2}^{\circ}$. From "A" chain part of base S. $13^{\circ}49'$ W., 7.035 chs. to point "C" from which flag "B" bears N. $82^{\circ}7\frac{1}{2}'$ W. From "A" chain remainder of base N. $13^{\circ}49'$ E., 4.735 chs. to point "D" from which flag "B" bears S. $84^{\circ}58'$ W. Length of base "C-A-D" = 11.77 chs., which is the longest base it is practicable to chain.</p> <p>Included angles of triangle "B-C-D" are $12^{\circ}54\frac{1}{2}'$, $95^{\circ}56\frac{1}{2}'$ and $71^{\circ}09'$, the sum of which is $180^{\circ}00'$.</p> <p>Chained dist. from Tp. cor. to point "A" = 45.25 chs. West Triangulated dist. "A" to "B" = 51.08 chs. West Total dist. on random Tp. bdy. to "B" = 96.33 chs. West</p> <p>As the point for cor. of secs. 1, 2, 35 and 36 is on the left or NW. wall of the canyon, triangulate measurement to temp. witness cor. at the nearest accessible point thereto as follows:</p>
	<p>Set flag "E" on random Tp. bdy., on ledge in NW. wall of canyon, the vertical angle to which from point "A" of the triangulation above described is 0°. From point "C" of the previous triangulation, flag "E" bears N. $78^{\circ}05'$ W. Base "A-C" = 7.035 chs. S. $13^{\circ}49'$ W. Included angles of the triangle "A-C-E" are, $76^{\circ}11'$, $91^{\circ}54'$ and $11^{\circ}55'$, the sum of which is $180^{\circ}00'$.</p> <p>Chained dist. from Tp. cor. to point "A" = 45.25 chs. West Triangulated dist. "A" to "E" = 34.05 chs. West Total dist. on random Tp. bdy. to "E" = 79.30 chs. West</p>
79.30	Triangulation point "E" at base of cliff facing SE. Set temp. witness cor. to cor. of secs. 1, 2, 35 and 36.
80.00	Point for cor. of secs. 1, 2, 35 and 36 on face of cliff.
96.33	Triangulation point "B" near NW. rim of canyon, bearing NE. and SW. Resume chaining and continue line and measurement.
480.33	Intersect N. and S. line 54 lks. N. of the cor. of Ts. 5 and 6 N., Rs. 13 and 14 E., hereinbefore described.



SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

12

Chains	Thence								
	N.89°56' E.; on true line, bet. secs. 6 and 31. Over mountainous land, thru dense timber and undergrowth. Asc. gradually over steep S. slope.								
11.25	Bottom of ravine, course SW.; asc. 200 ft. over NW. slope.								
17.50	Ridge, bears NE. and SW.; asc. 72 ft. over S. slope.								
26.20	U.S.F.S. trail, Rose Creek Lodge to Cold Springs, bears N. and SE.								
33.30	Asc. 25 ft. over SW. slope to $\frac{1}{4}$ sec. cor.								
38.90	Mining location monument, a wood post set in a mound of stone, bears N. 489 lks. dist.								
40.33	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock; and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked								
	$\frac{1}{4}$ $\frac{S\ 31}{S\ 6}$								
	1938								
	from which								
	A pine, 6 ins. diam., bears N. 55° W., 27 lks. dist., marked $\frac{1}{4}$ S31 BT.								
	A pine, 6 ins. diam., bears S.71°E., 16 lks. dist., marked $\frac{1}{4}$ S6 BT.								
	Asc. 8 ft. over SW. slope.								
42.50	Spur, slopes S.; desc. 80 ft. over SE. slope.								
51.70	Bottom of ravine, course S. heads 5 chs. N.; asc. 256 ft. over SW. slope.								
74.80	Ridge, bears NW. and S. 35° E.; desc. 70 ft. over NE. slope to								
80.33	Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 31 and 32, with brass cap marked								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T6N</td> <td>RL4E</td> </tr> <tr> <td>S31</td> <td>S32</td> </tr> <tr> <td>S 6</td> <td>S 5</td> </tr> <tr> <td colspan="2" style="text-align: center;">T5N</td> </tr> </table>	T6N	RL4E	S31	S32	S 6	S 5	T5N	
T6N	RL4E								
S31	S32								
S 6	S 5								
T5N									
	1938								
	from which								
	A yellow pine, 20 ins. diam., bears N. 21 $\frac{3}{4}$ ° E., 111 lks. dist., marked T6N RL4E S32 BT.								
	A yellow pine, 22 ins. diam., bears S. 73 $\frac{1}{2}$ ° E., 139 lks. dist., marked T5N RL4E S5 BT.								
	A pinyon, 8 ins. diam., bears S. 52 $\frac{3}{4}$ ° W., 76 lks. dist. marked T5N RL4E S6 BT.								
	An oak, 8 ins. diam., bears N. 48° W., 105 lks. dist., marked T6N RL4E S31 BT.								
	Land, mountainous. Soil, rocky, 3rd and 4th rates.								

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

13

Chains	Timber, pine, fir, spruce, oak and locust. Undergrowth, manzanita, oak brush and locust.								
	N. 89° 56' E. on true line, bet. secs. 5 and 32.								
	Over mountainous land, thru dense timber and scattering undergrowth.								
	Desc. 337 ft. over NE. slope.								
10.40	Bottom of ravine, course NE.; asc. 54 ft. over NW. slope.								
19.20	Spur, slopes N.; desc. 245 ft. over NE. slope.								
32.50	Bottom of ravine, 8 lks. wide, course N.; asc. 260 ft. over steep W. and NW. slopes to $\frac{1}{4}$ sec. cor.								
36.90	Wire drift fence, bears NE. and SW.								
37.90	U.S.F.S. pack trail, bears NE. and SW.								
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked								
	$\frac{1}{4} \frac{S. 32}{S. 5}$								
	1938								
	from which								
	A pine, 6 ins. diam., bears N. 22 $\frac{1}{2}$ ° W., 57 lks. dist., marked $\frac{1}{4}$ S32 BT.								
	A pine, 12 ins. diam., bears S. 32 $\frac{3}{4}$ ° W., 50 lks. dist., marked $\frac{1}{4}$ S5 BT.								
	Asc. 365 ft. over steep NW. slope.								
54.50	Top of Carr Peak; desc. 220 ft. over steep NE. slope.								
60.40	Drain, course N. near head; asc. 185 ft. over steep NW. slope.								
65.20	Rocky spur, slopes N. 20° E.; desc. 384 ft. over E. and NE. slopes to								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked								
	<table border="1" style="margin: auto;"> <tr> <td>T6N</td> <td>R14E</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td>S 5</td> <td>S 4</td> </tr> <tr> <td colspan="2" style="text-align: center;">T5N</td> </tr> </table>	T6N	R14E	S32	S33	S 5	S 4	T5N	
T6N	R14E								
S32	S33								
S 5	S 4								
T5N									
	1938.								
	from which								
	A yellow pine, 14 ins. diam., bears N. 22 $\frac{1}{4}$ ° E., 47 lks. dist., marked T6N R14E S33 BT.								
	A yellow pine, 12 ins. diam., bears S. 35° E., 126 lks. dist., marked T5N R14E S4 BT.								
	A yellow pine, 30 ins. diam., bears S. 32 $\frac{1}{2}$ ° W., 71 lks. dist., marked T5N R14E S5 BT.								
	A yellow pine, 18 ins. diam., bears N. 46° W., 27 lks. dist., marked T6N R14E S32 BT.								

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

14

Chains	Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, pine, fir, spruce, white oak and locust. Undergrowth, 2nd growth pine, locust and laurel.
	N.89°56' E., on true line, bet. secs. 4 and 33. Over mountainous land, thru dense timber and undergrowth. Desc. 138 ft. over broken NE. slope.
13.00	Drain, course N.; asc. 20 ft. over NW. slope.
15.00	Desc. 106 ft. over N. and NE. slopes.
21.46	Wire fence, bears NW. and SE.
28.44	Wire fence (3 wire) bears NW. and SE.
29.00	Workman Creek, with a stream of running water, 4 lks. wide, 3 ins. deep, course NW. Enter rolling land; asc. 140 ft. over SW. slope to $\frac{1}{4}$ sec. cor.
29.40	Log barn bears N. about 7.50 chs. dist.
30.30	Trail, bears N. 20° E. and S. 20° W.
32.00	Log cabin bears N. 350 lks. dist.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4}$ $\frac{S}{S}$ $\frac{33}{4}$ 1938. from which A white oak, 16 ins. diam., bears N. 69° W., 110 lks. dist., marked $\frac{1}{4}$ S33 BT. A fir 12 ins. diam., bears S. 88 $\frac{1}{2}$ ° W., 124 lks. dist. marked $\frac{1}{4}$ S4 BT. Asc. 20 ft. over SW. slope.
42.40	Fence (3 wire) bears N. 50° W. and S.
46.00	U.S.F.S. trail, bears NW. and SE., on low spur sloping NW.; asc. gradually over N. slope.
51.56	Fence (3 wire) bears NW. and SE.
52.21	Intersect line 5-6 of boundary of Forest Homestead Entry Survey No. 251 at a point 5.43 chs. N. 47°50' W. from Cor. No. 5, which is a sandstone 14x7x10 ins. above ground, firmly set, marked and witnessed as described in the official record. Thence across said homestead.
57.15	Wash, 8 lks. wide, course NW.; asc. 65 ft. over gradual W. slope.
58.54	Fence (3 wire) bears NE. and SW.
59.14	Trail, bears NW. and SE.
64.11	Intersect line 2-3 of boundary of Forest Homestead Entry Survey No. 251 at a point 3.52 chs. N. 11°11' W. from

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

15

Chains

Cor. No. 3 and 5.07 chs. S. 11°11' E. from Cor. No. 2, both of which cors. are monumented as described in the official record.

Leave said homestead.

69.20 Foot of steep slope, bears N. and S. Leave rolling and reenter mountainous land; asc. 125 ft. over W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T6N	R14E
S33	S34
S4	S3
T5N	

1938

from which

A pine, 6 ins. diam., bears N. 24° E., 31 lks. dist., marked T6N R14E S34 BT.

A pine, 6 ins. diam., bears S. 56½° E., 9 lks. dist., marked T5N R14E S3 BT.

A pine, 8 ins. diam., bears S. 83° W., 14 lks. dist., marked T5N R14E S4 BT.

A pine, 8 ins. diam., bears N. 44° W., 12 lks. dist., marked T6N R14E S33 BT.

Land, mountainous and rolling.

Soil, rocky, 1st, 2nd and 3rd rates.

Timber, pine, fir, spruce, walnut, aspen, oak and locust.

Undergrowth, 2nd growth timber and wild grape.

N. 89°56' E., on true line, bet. secs. 3 and 34.

Over mountainous land, thru dense timber and undergrowth.

Asc. 530 ft. over W. slope.

21.80 U.S.F.S. trail, bears N. 15° W. and S. 15° E.

23.20 U.S.F.S. telephone line (1 wire) bears N. 72° W. and S. 72° E.

27.00 Top of Aztec Peak in main divide between Workman and Cherry Creeks; thence across top of peak.

29.10 Old log cabin bears S. 235 lks. dist.

33.40 U.S.F.S. telephone line (1 wire) bears N. 75° E. and S. 75° W. Leave top of Aztec Peak; desc. 244 ft. over NE. slope to ¼ sec. cor.

36.90 U.S.F.S. lookout tower bears N. 113 lks. dist.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on exposed ledge of rock, 20 ft. high, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼	S 34
¼	S 3

1938

from which

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

16

Chains

A yellow pine, bears N. 68° W., 11 lks. dist.,
marked $\frac{1}{4}$ S34 BT.

A fir, 18 ins. diam., bears S. 76° W., 82 lks. dist.
marked $\frac{1}{4}$ S3 BT.

Desc. 665 ft. over broken NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 2, 3, 34 and 35, with
brass cap marked

T6N	R14E
S34	S35
S 3	S 2
T5N	

1938

from which

A white oak, 6 ins. diam., bears N. 40 $\frac{1}{2}$ ° E., 29 lks.
dist., marked T6N R14E S35 BT.

A yellow pine, 30 ins. diam., bears S. 25° E., 37 lks.
dist., marked T5N R14E S2 BT.

A yellow pine, 18 ins. diam., bears S. 63° W., 79 lks.
dist., marked T5N R14E S3 BT.

A white oak, 8 ins. diam., bears N. 10 $\frac{1}{2}$ ° W., 16 lks.
dist., marked T6N R14E S34 BT.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, pine, fir, spruce, oak, aspen, locust and walnut.

Undergrowth, second growth timber and wild grape.

N. 89°56' E., on true line, bet. secs. 2 and 35.

Over mountainous land, thru dense timber and undergrowth.

Desc. 535 ft. over broken NE. slope.

7.00 Small spring, bears N. 5.00 chs. dist., in bottom of
ravine, course NE.

21.43 Blazed trail, bears N. 44° E. and S. 32° E.

32.60 West rim of Devil's Chasm bears N. 7° W. and S. 7° E., a
vertical walled gorge about 200 ft. deep at this point,
course N. Head of canyon bears S. about 7.00 chs. dist.

34.80 East rim of Devil's Chasm, bears N. 7° E. and S. 7° W.
Enter rolling land; asc. 40 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground to bedrock, and in a mound of stone to top,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 35
	S 2

1938

from which

A yellow pine, 18 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 44 lks.
dist., marked $\frac{1}{4}$ S35 BT.

A yellow pine, 16 ins. diam., bears S. 32 $\frac{1}{2}$ ° E., 55 lks.
dist., marked $\frac{1}{4}$ S2 BT.

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

17

Chains	Asc. 6 ft. over W. slope to												
40.60	Desc. 71 ft. over gradual E. slope to												
63.67	Left or NW. rim of Castle Creek Canyon, bearing NE. and SW., 11 lks. S. of triangulation point "B". Discontinue chaining. Measurement to temp. witness cor. to cor. of secs. 1, 2, 35 and 36 in said canyon, and to the E. or right rim of the canyon by triangulation hereinbefore described. Descend about 1000 ft. over cliffs facing SE.												
80.00	True point for cor. of secs. 1, 2, 35 and 36 is on face of cliff on left or NW. wall of Castle Creek Canyon, where it is inaccessible and cannot be monumented, therefore establish witness cor. on ledge at foot of cliff 70 lks. N. 89°56' E., as hereinafter described. Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, pine, fir, spruce, oak and aspen. Undergrowth, manzanita, oakbrush, mountain mahogany and locust.												
	From true point for cor. of secs. 1, 2, 35 and 36. N. 89°56' E., on true line, bet. secs. 1 and 36. Over mountainous land, in Castle Creek Canyon, thru scattering timber and dense undergrowth. Measurement by triangulation.												
0.70	Foot of cliff and small ledge in left or NW. wall of Castle Creek Canyon, 9 lks. S. of temp. witness cor. to cor. of secs. 1, 2, 35 and 36 at triangulation point "E". Set an iron post, 3 ft. long, 2 ins. in diam., on exposed rock, between two large boulders, with a stone 6x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to cor. of secs. 1, 2, 35 and 36, with brass cap marked												
	<table border="1"> <tr> <td></td> <td>T6N</td> <td>R14E</td> </tr> <tr> <td></td> <td>S35</td> <td>S36</td> </tr> <tr> <td>WC</td> <td>S 2</td> <td>S 1</td> </tr> <tr> <td></td> <td colspan="2">T5N</td> </tr> </table> 1938		T6N	R14E		S35	S36	WC	S 2	S 1		T5N	
	T6N	R14E											
	S35	S36											
WC	S 2	S 1											
	T5N												
	No bearing trees available.												
	Desc. about 200 ft. over steep broken SE. slope.												
6.00	(Approx.) Bottom of Castle Creek Canyon, 20 lks. wide, course NE.; asc. about 250 ft. over steep broken NW. slope to right rim of canyon.												
10.00	(Approx.) Prehistoric Cliff dwelling bears N. about 5 chs. dist. in the NW. wall of the canyon.												
31.70	Right or SE. rim of Castle Creek Canyon, bears NE. and SW. Leave canyon. Resume chaining and continue line and measurement. Asc. 53 ft. over NW. slope.												
36.70	Thence along steep N. slope to												
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked												

191

SURVEY: NORTH BOUNDARY OF T. 5 N., R. 14 E.

18

Chains

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

1938

No bearing trees available.

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

This cor. is on top of spur sloping NE.

Desc. 248 ft. over E. slope.

47.75 Bottom of ravine, course NE.; asc. 72 ft. over NW. slope.

55.50 Spur, slopes NE.; desc. 526 ft. over SE. slope.

57.44 Wire drift fence, bears NE. and SW.

74.90 Bottom of gulch, 15 lks. wide, course NE.; asc. 150 ft. over NW. slope to

80.00 The cor. of Ts. 5 and 6 N., R. 14 and Frac. R. 15 E., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, oak, juniper and locust.

Undergrowth, oak brush, manzanita, locust, mountain mahogany and wild grape.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

19

Chains	
	Commence the survey of the subdivision lines of T. 5 N., R. 14 E., at the std. cor. of secs. 35 and 36 on the S. bdy. of the Tp. (1st Std. Par. N.), which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, mkd. on brass cap and witnessed as described in the official record.
	Thence
	N. 0°01' W., bet. secs. 35 and 36.
	Over mountainous land thru scattering timber and undergrowth. Asc. 33 ft. over W. slope.
3.87	Desc. .92 ft. over NW. slope.
12.14	Rocky gulch, course S. 70° W.; asc. 97 ft. over cliffs, facing south.
12.90	Top of cliffs bear N. 70° E. and S. 70° W.; asc. 218 ft. over SE. slope to
27.06	Point of spur slopes SE.; asc. slightly over E. slope to
31.36	Desc. 72 ft. over NE. slope.
35.08	Same gulch, course SE.; asc. 55 ft. over S. slope.
37.60	Ridge bears N. 40° W. and S. 60° E.; desc. slightly over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \\ S35 \quad \quad S36 \\ \\ 1938 \end{array}$
	from which
	A juniper, 12 ins. diam., bears N. 62 $\frac{1}{2}$ ° E., 16 lks. dist., marked $\frac{1}{4}$ S36 BT.
	No other bearing tree available.
	Desc. 141 ft. over NE. slope.
55.37	Draw, course E.; asc. 59 ft. over SE. slope.
57.50	Asc. gradually along E. slope.
63.70	Desc. 70 ft. over NE. slope.
67.50	Draw, course SE.; asc. 104 ft. over S. slope.
71.40	Spur, slopes SE.; desc. 60 ft. over NE. slope to
80.00	True point for cor. of secs. 25, 26, 35 and 36, falls in wash, course NE., where it is impracticable to monument the corner, therefore establish witness cor. 10 lks. N. 0°01' W. as hereinafter described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oak brush, buck brush and cacti.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

20

Chains	
	From the true point for cor. of secs. 25, 26, 35 and 36 East, on random line, bet. secs. 25 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked on brass cap and witnessed as described in the official record.
	Thence,
	West, on true line, bet. secs. 25 and 36..
	Over mountainous land, thru scattering timber and medium undergrowth.
	Desc. 80 ft. over W. slope.
5.00	Wash, course S. 40° W.; desc. 62 ft. over SW. slope.
11.74	Wash, course S. 30° E.; asc. 125 ft. over E. slope.
18.50	Spur, slopes S. 20° E.; desc. 227 ft. over W. slope.
29.10	Wash, course S. 20° E.; asc. 126 ft. over E. slope to
38.20	Spur, slopes S. 30° E.; desc. 14 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, with a stone 6x6x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4} \frac{S \ 25}{S \ 36}$
	1938
	No bearing trees available.
	Desc. 60 ft. over SW. slope.
49.62	Draw, course S. 60° E.; asc. 196 ft. over NE. slope to
59.20	Spur, slopes SE.; desc. 165 ft. over W. slope to
67.70	Foot of descent bears N. 20° W. and S. 20° E., thence across nearly level land.
71.20	Coon Creek, (dry), course S. 20° E.; asc. 152 ft. over N.E. slope to
80.00	The true point for cor. of secs. 25, 26, 35 and 36, in wash, course NE.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and mesquite. Undergrowth, laurel, oakbrush and cacti.
	From true point for cor. of secs. 25, 26, 35 and 36, in wash, course NE.
	N. 0°01' W., bet. secs. 25 and 26.
	Over mountainous land, thru scattering timber and undergrowth. Desc. 133 ft. over NE. slope to Coon Creek.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

21

Chains							
0.10	Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (+) marked on exposed bedrock, and in a mound of stone to top, for witness corner to cor. of secs. 25, 26, 35 and 36, with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T5N</td><td>R14E</td></tr> <tr><td>S26</td><td>S25</td></tr> <tr><td>S35</td><td>S36</td></tr> </table> <p style="text-align: center;">WC</p>	T5N	R14E	S26	S25	S35	S36
T5N	R14E						
S26	S25						
S35	S36						
	1938						
	No bearing trees available.						
11.68	Coon Creek (dry), course S. 30° E.; asc. 298 ft. over S. slope.						
31.40	Point of spur, slopes SE.; desc. 27 ft. over NE. slope.						
35.50	Ascend 53 ft. over E. slope to						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone 4x4x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>$\frac{1}{4}$</td><td></td></tr> <tr><td>S26</td><td> </td><td>S25</td></tr> </table> <p style="text-align: center;">1938</p>		$\frac{1}{4}$		S26		S25
	$\frac{1}{4}$						
S26		S25					
	No bearing trees available.						
	Asc. 92 ft. over SE. slope to						
46.30	Draw, course S. 30° E.; asc. 323 ft. over SW. slope.						
67.16	Point of spur slopes W.; desc. 36 ft. over NW. slope to						
70.20	Same draw, course S. 40° W.; asc. 268 ft. over SW. slope to sec. cor.						
73.90	Wire fence bears E. and W. At 8 chs. W. this fence angles and extends S. 71 $\frac{1}{4}$ ° W. to Coon Creek.						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone 4x4x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T5N</td><td>R14E</td></tr> <tr><td>S23</td><td>S24</td></tr> <tr><td>S26</td><td>S25</td></tr> </table> <p style="text-align: center;">1938</p>	T5N	R14E	S23	S24	S26	S25
T5N	R14E						
S23	S24						
S26	S25						
	No bearing trees available.						
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and mesquite. Undergrowth, oakbrush, laurel and cacti.						
	East on random line bet. secs. 24 and 25.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

22

Chains	
80.00	Intersect E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked on brass cap and witnessed as described in the official record.
	Thence
	S. 89°59' W., on true line, bet. secs. 24 and 25.
	Over gently rolling land, thru scattering timber and undergrowth.
	Desc. gradually over N. slope.
8.37	Desc. 111 ft. over NW. slope.
33.20	Shallow drain, course N.; asc. 12 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone 12x6x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{2}$ sec. cor. with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ S } 24 \\ \frac{1}{4} \text{ S } 25 \end{array}$
	1938
	No bearing trees available.
	Asc. 101 ft. over gradual NE. slope.
43.38	Wire fence bears N. 60° E. and S. 60° W.
59.92	Desc. 25 ft. over SW. slope to
66.18	Rim bears NW. and SW. Leave gently rolling and enter mountainous land. Desc. 380 ft. over steep broken SW. slope to sec. cor.
75.80	Cliff dwellings about 2 chs. S. in side of bluff facing SW.
80.00	The cor. of secs. 23, 24, 25 and 26.
	Land, gently rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper and mesquite. Undergrowth, laurel and oakbrush.
	N. 0°01' W., bet. secs. 23 and 24.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 230 ft. over steep broken SW. slope to
5.50	Rim, bears NW. and SE.; asc. 113 ft. over SW. slope.
14.00	Ridge bears NW. and SE.; desc. 211 ft. over NE. slope.
27.30	Draw, course N. 70° E.; asc. 66 ft. over S. slope.
32.50	Spur, slopes E.; desc. 70 ft. over N. slope.
39.03	Draw, course E.; asc. 24 ft. over S. slope to

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

23

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 6x4x4 ins. marked with a cross (+) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S23 \quad | \quad S24 \\ | \\ 1938 \end{array}$$

No bearing trees available.

Thence over rolling land.

Asc. 11 ft. over S. slope to

42.00 Thence across flat-topped spur, sloping E.

50.00 Leave top of spur; desc. 42 ft. over N. slope.

54.36 Draw, course E. Reenter mountainous land; asc. 159 ft. over S. slope.

65.00 Spur, slopes E.; desc. 190 ft. over NE. slope.

75.20 Rocky gulch, course S. 30° E.; asc. 96 ft. over SW. slope to sec. cor.

79.73 U.S. Forest Service trail bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

$$\begin{array}{c|c} T5N & R14E \\ S14 & S13 \\ \hline S23 & S24 \end{array}$$

1938

from which

An oak, 6 ins. diam., bears N. 72 $\frac{1}{2}$ ° E., 114 lks. dist., marked T5N R14E S13 BT.

A juniper, 12 ins. diam., bears S. 8 $\frac{1}{2}$ ° E., 57 lks. dist., marked T5N R14E S24 BT.

An oak, 8 ins. diam., bears S. 56° W., 63 lks. dist., marked T5N R14E S23 BT.

A black oak, 6 ins. diam., bears N. 58 $\frac{1}{2}$ ° W., 79 lks. dist., marked T5N R14E S14 BT.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Timber, oak and juniper.

Undergrowth, oakbrush, laurel and buckbrush.

N. 89°59' E. on random line, bet. secs. 13 and 24.

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

79.94 Intersect E. bdy. of the Tp. 22 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked on brass cap and witnessed as described in the official record.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

24

Chains	
	Thence
	S. 89°50' W., on true line, bet. secs. 13 and 24.
	Over rolling land, thru scattering timber and dense undergrowth.
	Desc. 40 ft. over SW. slope to
6.59	Rocky gulch, course S. 50° E.; asc. 158 ft. over NE. slope.
27.94	Flat-topped spur, slopes S. 20° E.; desc. 91 ft. over SW. slope.
39.44	Rocky draw, course S. 40° E. Enter mountainous land; asc. 5 ft. over NE. slope to
39.97	Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) marked on exposed bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 13}{S 24}$
	1938
	No bearing trees available.
	Ascend 61 ft. over NE. slope to
43.61	Reenter rolling land; asc. 75 ft. over gradual NE. slope.
51.67	Wire fence bears NE. and SW. Thence across fenced pasture.
56.87	Earthen water tank bears N. about 5.00 chs. dist.
65.27	Wire fence bears NW. and SE. Leave pasture.
73.57	Low ridge, bears N. 10° W. and SE.; desc. 38 ft. over SW. slope to sec. cor.
74.64	U.S. Forest Service trail bears NE. and SW.
79.94	The cor. of secs. 13, 14, 23 and 24.
	Land, rolling and mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oakbrush, buckbrush and cacti.
	N. 0°01' W., bet. secs. 13 and 14.
	Over rolling land, thru scattering timber and dense undergrowth.
	Asc. 276 ft. over SW. slope.
30.50	Ridge bears N. 30° W. and S. 10° E.; desc. 10 ft. over NE. slope.
33.10	Draw, course E.; near head; asc. gradually over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$S14 \mid S13$
	1938

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

25

Chains	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Desc. 13 ft. over NE. slope to 42.40 Enter mountainous land; desc. 112 ft. over N. slope. 48.50 Draw, course S. 70° E.; asc. 176 ft. over S. slope. 54.40 Spur, slopes E. Reenter rolling land; desc. 72 ft. over NE. slope to 69.80 Reenter mountainous land; desc. 205 ft. over steep N. slope. 77.90 Draw, course N. 25° E.; asc. 13 ft. over SE. slope to 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T5N</td> <td>R14E</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> <tr> <td>S14</td> <td>S13</td> </tr> </table> <p style="text-align: center;">1938</p>	T5N	R14E	S11	S12	S14	S13
T5N	R14E						
S11	S12						
S14	S13						
	Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, oak and juniper. Undergrowth, oakbrush, laurel, manzanita and cacti.						
	N. 89°50' E., on random line, bet. secs. 12 and 13.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.96	Intersect cor. of secs. 7, 12, 13 and 18, on E. bdy. of the Tp., which is an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked on brass cap and witnessed as described in the official record. Thence S. 89°50' W., on true line, bet. secs. 12 and 13. Over mountainous land, thru scattering timber and dense undergrowth. Desc. 187 ft. over steep SW. slope.						
11.81	Draw, course S. 20° W.; asc. 107 ft. over E. slope.						
16.82	Spur, slopes S.; desc. 375 ft. over W. slope.						
28.08	E. fork of Deep Creek (dry), course S.; asc. 140 ft. over E. slope.						
30.76	Rocky spur, slopes S.; desc. 192 ft. over W. slope.						
36.46	W. fork of Deep Creek (dry); course S. 35° E.; asc. 5 ft. over E. slope to						
37.68	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock and in a mound of stone to top, at base of bluffs facing E., for witness corner to $\frac{1}{4}$ sec. cor., with brass cap marked						

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

26

Chains	
	$WC \frac{1}{4} \frac{S 12}{S 13}$
	1938
	from which
	An oak, 14 ins. dian., bears N. 45° E., 23 lks. dist., marked WC $\frac{1}{4}$ S12 BT.
	An oak, 6 ins. diam., bears S. 50° E., 41 lks. dist., marked WC $\frac{1}{4}$ S13 BT.
	Asc. 293 ft. over a series of bluffs facing E.
39.98	True point for $\frac{1}{4}$ sec. cor. falls on face of bluff where it is impracticable to monument the corner, therefore establish witness corner at 230 lks. N. 89°50' E.
46.06	Top of bluffs bearing NW. and S. Enter rolling land; asc. gradually over NE. slope.
54.30	Rim, bears NE. and SW. Reenter mountainous land; desc. 52 ft. over NW. slope.
58.06	Draw, course N. 60° E.; asc. 67 ft. over SE. slope to
62.10	Rim, bears NE. and SW.; asc. gradually over NE. slope.
71.30	Desc. 58 ft. over NW. slope.
78.71	Draw, course N. 30° E.; asc. 21 ft. over E. slope to
79.96	The cor. of secs. 11, 12; 13 and 14.
	Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, juniper and oak. Undergrowth, oakbrush, laurel and cacti.
	N: 0°01' W., bet. secs. 11 and 12.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Desc. 65 ft. over NE. slope to
3.40	W. fork of Deep Creek (dry), course S. 65° E.; asc. 191 ft. over S. slope to
11.65	Rim, bears NW. and SE. Enter rolling land; asc. 4 ft. over SE. slope.
12.95	Desc. 15 ft. over NE. slope.
16.73	Draw, course S. 80° E.; asc. 116 ft. over gradual SE. slope to.
39.00	Reenter mountainous land; asc. 21 ft. over steep SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in dian., 12 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$S11 \quad \left \quad S12$
	1938
	from which

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

27

Chains

A white oak, 6 ins. diam., bears S. 53°E., 21 lks. dist., marked $\frac{1}{4}$ S12 BT.

A white oak, 6 ins. diam., bears N. 4 $\frac{1}{2}$ ° W., 12 lks. dist., marked $\frac{1}{4}$ S11 BT.

Asc. 76 ft. over SE. slope.

44.46 Asc. 45 ft. over E. slope to

53.04 Wash, course SE.; asc. 333 ft. over SE. slope.

72.50 High rock butte bears W. about 5.00 chs. dist.

75.39 Desc. 25 ft. over NE. slope to sec. cor.

77.85 Dim trail, bears NW. and E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T5N	R14E
S2	S1
S11	S12

1938

No bearing trees available.

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

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Timber, juniper and oak.

Undergrowth, manzanita, laurel and oakbrush.

N. 89°50' E., on random line, bet. secs. 1 and 12.

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

79.98 Intersect E. bdy. of the Tp. 18 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked on brass cap and witnessed as described in the official record.

Thence

S. 89°42' W., on true line, bet. secs. 1 and 12.

Over mountainous land, thru scattering timber and dense undergrowth:

Desc. 38 ft. over SW. slope to

1:26 E. fork of Deep Creek (dry), course S. near head; asc. 184 ft. over SE. slope to

10.00 Spur, slopes S.; desc. 84 ft. over SW. slope to

27.00 Thence along rolling S. slope to

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

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

$\frac{1}{4}$ S 1
S 12

1938

No bearing trees available.

Asc. 102 ft. over SE. slope.

49.45 Leave dense undergrowth N. and S., enter open grassy land.

52.84 Spur, slopes S.; desc. 50 ft. over SW. slope.

58.73 Draw, course S. 50° E., leave open grassy land and enter dense undergrowth. Asc. 5 ft. over SE. slope.

60.03 Desc. 60 ft. over S. and SW. slopes.

72.08 Wash, course S. 70° E.; asc. 69 ft. over NE. slope.

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

Land, mountainous and rolling.

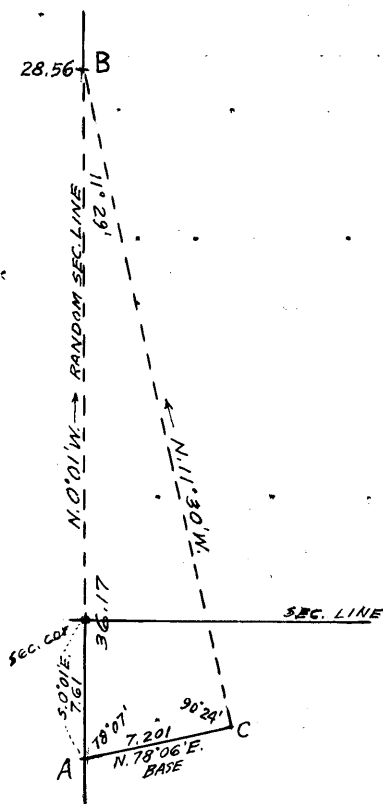
Soil, rocky, 4th rate.

Timber, juniper and oak.

Undergrowth, oakbrush, laurel and cacti.

N. 0°01' W., on random line, bet. secs. 1 and 2.

Chaining is impracticable owing to precipitous slopes of a series of cliffs facing S., on N. side of a wash, course SE., about 4.50 chs. N. of cor. of secs. 1, 2, 11 and 12, therefore triangulate measurement of the random sec. line to top of cliffs as follows:



It being impracticable to chain a satisfactory base from the cor. of secs. 1, 2, 11 and 12, measure S. 0°01' E., 7.61 chs. to point designated "A".

Set flag "B" on random sec. line at top of cliffs, the vertical angle to which from "A" is +19°. From "A" chain a base N. 78°06' E. 7.201 chs. to point "C" from which flag "B" bears N. 11°30' W. A longer base is impracticable to chain.

Included angles of the triangle "A-B-C" are 78°07', 11°29' and 90°24', the sum of which is 180°00'.

Triangulated dist. A-B = 36.17 chs.
N. 0°01' W.
Sec. cor. to "A" = 7.61 chs.
S. 0°01' E.
Sec. cor. to "B" = 28.56 chs.
N. 0°01' W.

28.56 Triang. flag point "B" at top of cliffs.

Begin chaining and continue line and measurement.

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

59.43 Right or SE. rim of Castle Creek Canyon, bears NE. and SW.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

29

Chains

The remainder of the random sec. line is in said canyon, and chaining is impracticable, therefore triangulate measurement to point for cor. of secs. 1, 2, 35 and 36 on N. bdy. of Tp. as follows:

Designate 59.43 ch. station as "A".

Set flag "B" on the witness cor. to cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp., 70 lks. N. $89^{\circ}56'$ E. from true sec. cor. point and bearing N. $1^{\circ}54\frac{1}{2}'$ E. from "A".

Vertical angle "A" to "B" is $-12\frac{1}{2}^{\circ}$.

Set flag "C" on N. bdy. of Tp. on W. or left rim of Canyon and bearing N. $37^{\circ}56'$ W. from "A".

Vertical angle "A" to "C" is $+20\frac{1}{4}^{\circ}$.

Base "B-C" on N. bdy. of Tp. is 17.03 chs.

S. $89^{\circ}56'$ W., as determined by triangulation of the Tp. bdy. across the canyon as hereinbefore described.

Included angles of triangle "A-B-C" are $39^{\circ}50\frac{1}{2}'$, $88^{\circ}01\frac{1}{2}'$ and $52^{\circ}08'$, the sum of which is $180^{\circ}00'$.

Dist. "A" to "B" = 20.99 chs. N. $1^{\circ}54\frac{1}{2}'$ E., the latitude and departure of which are 20.98 chs. N. and 70 lks. E., respectively.

Chained and triangulated dist. on random line to "A" = 59.43 chs. N. $0^{\circ}01' W.$

Triang. dist. "A" to point for cor. of secs. 1, 2, 35 and 36 = 20.98 chs. N. $0^{\circ}01' W.$

Total length of random line = 80.41 chs. N. $0^{\circ}01' W.$

The random line extended would therefore at

80.41 Intersect the true point for cor. of secs. 1, 2, 35 and 36, on N. bdy. of the Tp. on SE. face of cliff, witnessed 70 lks. N. $89^{\circ}56'$ E., as hereinbefore described.

From true point for sec. cor.

S. $0^{\circ}01'$ E., on true line, bet. secs. 1 and 2.

Over mountainous land, in Castle Creek Canyon, thru scattering timber and undergrowth. Measurement by triangulation.

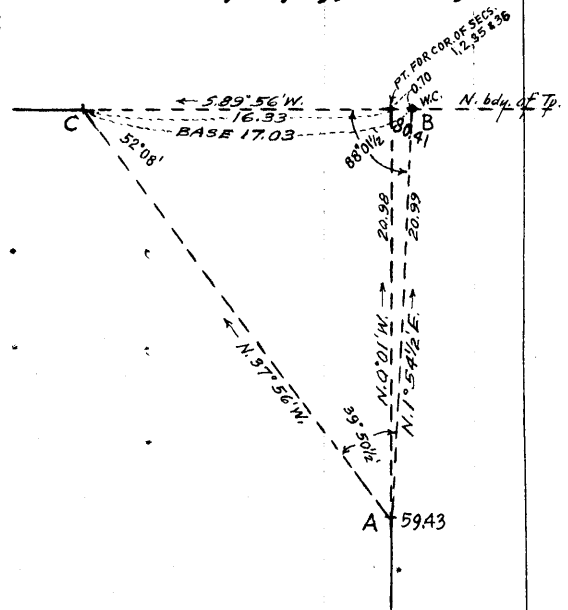
Desc. about 200 ft. over steep broken SE. slope.

8.00 (Approx.) Bottom of Castle Creek Canyon, 20 lks. wide, course NE. Ascend about 500 ft. over cliffs facing NW.

20.98 Triangulation point on right or SE. rim of Castle Creek Canyon, bears NE. and SW. Leave canyon. Begin chaining and continue line and measurement. Ascend 237 ft. over NW. slope to $\frac{1}{4}$ sec. cor.

40.10 Trail, bears E. and W.

40.41 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in



SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

30

Chains

ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1938

.from which

A pine, 6 ins. diam., bears N. $15\frac{1}{4}^{\circ}$ E., 23 lks. dist., marked $\frac{1}{4}$ S1 BT.

A pine, 6 ins. diam., bears S. 19° W., 11 lks. dist. marked $\frac{1}{4}$ S2 BT.

This cor. is on top of Moody Mountain.

Thence across said mountain top, bears E. and W.

44.60 Leave top of Moody Mountain. Desc. 194 ft. over S. slope to

51.85 Triang. point at top of cliffs, bearing N. 85° W. and S. 85° E., facing S. Discontinue chaining. Measurement to sec. cor. by triangulation. Desc. about 900 ft. over cliffs to

75.90 Wash, course SE.; asc. about 50 ft. over NE. slope to

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, pinyon, pine, juniper and oak.

Undergrowth, oakbrush and laurel.

From the std. cor. of secs. 34 and 35 on the S. bdy. of the Tp. (1st Std. Par. N.), which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

N. $0^{\circ}01'$ W., bet. secs. 34 and 35.

Over mountainous land, thru scattering timber and undergrowth. Along rolling W. slope. Desc. 34 ft.

4.97 Asc. 25 ft.

8.55 Desc. 82 ft.

14.53 Asc. 57 ft..

22.18 Desc. 18 ft.

24.46 Asc. 12 ft.

29.50 Desc. 59 ft. over NW. slope.

35.14 Draw, course W.; asc. 29 ft. over SW. slope to

40.00 Point of spur, slopes W.

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

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

31

Chains

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

S34.	S35
------	-----

1938

from which

A juniper, 4 ins. diam., bears S. 72° E., 81 lks. dist., marked $\frac{1}{4}$ S35 BT.

A pinyon, 12 ins. diam., bears S. 33 $\frac{1}{2}$ ° W., 60 lks. dist., marked $\frac{1}{4}$ S34 BT.

Desc. 54 ft. over NW. slope.

46.80 Draw, course S. 80° W.; asc. 120 ft. over SW. slope.

54.26 Dim trail, bears NW. and SE.

61.51 Desc. 57 ft. over NW. slope.

67.40 Gulch, course W.; asc. 85 ft. over SW. slope.

72.16 Desc. 35 ft. over NW. slope.

75.70 Gulch, course W.; asc. 56 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs, 26, 27, 34 and 35, with brass cap marked

T5N	R14E
S27	S26
S34	S35

. 1938 .

No bearing trees available.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper and pinyon.

Undergrowth, oakbrush, laurel and cacti.

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

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

80.04 Intersect N. and S. line 2 lks. S. of the true point for cor. of secs. 25, 26, 35 and 36, (wit. cor. 10 lks. N.0°01' W.)

From sec. cor. point,

S.89°59' W., on true line, bet. secs. 26 and 35.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 302 ft. over NE. slope to

26.50 Leave mountainous and enter gently rolling grassy land; asc. gradually over E. slope to

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

32

Chains

the ground to bedrock, with a stone 4x2x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{l} S 26 \\ S 35 \end{array}$$

1938

No bearing trees available.

Asc. 52 ft. over SE. slope.

47.50 Toe of spur, slopes S. 70° E.; reenter mountainous land; desc. 21 ft. over SW. slope.

50.10 Draw, course S. 70° E.; asc. 139 ft. over SE. slope.

66.30 Ridge, bears N. and S.; desc. 183 ft. over SW. slope to

80.04 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous and gently rolling.

Soil, rocky, 4th rate.

Timber, juniper and mesquite.

Undergrowth, oakbrush and cacti.

N. 0°01' W., bet. secs. 26 and 27.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 14 ft. over SW. slope.

1.70 Desc. 68 ft. over NW. slope.

9.30 Draw, course S. 70° W.; asc. 160 ft. over SW. slope.

16.70 Fence, bears N. 50 $\frac{1}{2}$ ° E. and S. 52 $\frac{1}{2}$ ° W.

26.86 Desc. 22 ft. over NW. slope.

31.46 Draw, course S. 70° W.; asc. 147 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone 4x4x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$S27 \quad | \quad S26$$

1938

No bearing trees available.

Asc. 40 ft. over SW. slope.

44.06 Desc. 50 ft. over NW. slope.

48.80 Draw, course S. 30° W.; asc. 140 ft. over SW. slope.

60.54 Desc. 40 ft. over NW. slope.

67.40 Draw, course SW.; asc. 84 ft. over SW. slope.

69.60 Fence, bears N. 84° E. and S. 84° W.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

33

Chains							
72.14	Desc. 94 ft. over NW. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T5N</td> <td>R14E</td> </tr> <tr> <td>S22</td> <td>S23</td> </tr> <tr> <td>S27</td> <td>S26</td> </tr> </table>	T5N	R14E	S22	S23	S27	S26
T5N	R14E						
S22	S23						
S27	S26						
	1938						
	from which						
	A juniper, 30 ins. diam., bears N. $30\frac{1}{2}^{\circ}$ E., 64 lks. dist., marked T5N R14E S23 BT.						
	A black oak, 6 ins. diam., bears S. 60° E., 36 lks. dist., marked T5N R14E S26 BT.						
	A juniper, 12 ins. diam., bears S. $77\frac{1}{2}^{\circ}$ W., 75 lks. dist., marked T5N R14E S27 BT.						
	No bearing tree available in Sec. 22.						
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.						
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper; Undergrowth, oakbrush, laurel and cacti.						
	East, on random line, bet. secs. 23 and 26.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.06	Intersect the cor. of secs. 23, 24, 25 and 26.						
	Thence						
	West, on true line, bet. secs. 23 and 26.						
	Over mountainous land, thru scattering timber and dense undergrowth.						
	Desc. 350 ft. over steep broken SW. slope to						
15.44	Draw, course S. 30° W.; desc. 238 ft. over SW. slope.						
34.00	Coon Creek (dry) 20 lks. wide, course S.; asc. 70 ft. over SE. slope.						
38.80	Point of spur, slopes SE.; desc. 41 ft. over precipitous SW. slope.						
39.44	Draw, course S. 80° E.; asc. 10 ft. over NE. slope to						
40.03	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, with a stone 12x8x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>$\frac{1}{4}$</td> <td>S 23</td> </tr> <tr> <td></td> <td>S 26</td> </tr> </table>	$\frac{1}{4}$	S 23		S 26		
$\frac{1}{4}$	S 23						
	S 26						
	1938						
	No bearing trees available.						

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

34

Chains	Asc. 590 ft. over NE. slope.												
72.65	Ridge, bears N. 30° W. and SE. 5 chs. S. of saddle in same; desc. 92 ft. over NW. slope to												
80.06	The cor. of secs. 22, 23, 26 and 27.												
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush and laurel.												
	N. 0°01' W., bet. secs. 22 and 23. Over mountainous land, thru scattering timber and dense undergrowth. Desc. 30 ft. over NW. slope.												
2:70	Wash, 20 lks. wide, course SW.; asc. 485 ft. over SW. slope.												
21.60	Ridge, bears N. 30° W. and S. 30° E.; asc. 242 ft. over steep broken E. slope to $\frac{1}{4}$ sec. cor.												
37.80	Coon Creek Peak bears W., 8.00 chs. dist.												
38.90	Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) marked on exposed bedrock, on top of a bluff 175 ft. high, and in a mound of stone to top, for witness corner to $\frac{1}{4}$ sec. cor., with brass cap marked												
	<table style="margin: auto;"> <tr><td></td><td>W C</td><td></td></tr> <tr><td></td><td>$\frac{1}{4}$</td><td></td></tr> <tr><td>S22</td><td> </td><td>S23</td></tr> <tr><td></td><td>1938</td><td></td></tr> </table> <p style="text-align: right;">from which</p> <p>A pinyon, 12 ins. diam., bears S. 29° E., 11 lks. dist., marked WC $\frac{1}{4}$ S23 BT.</p> <p>No bearing tree available in sec. 22.</p>		W C			$\frac{1}{4}$		S22		S23		1938	
	W C												
	$\frac{1}{4}$												
S22		S23											
	1938												
	Desc. 175 ft. over bluff facing NE.												
40.00	True point for $\frac{1}{4}$ sec. cor., falls on precipitous slope where it is impracticable to monument the corner; therefore establish witness cor. 110 lks. S. 0°01' E.												
40.60	Foot of bluff. Continue over steep broken E. slope, descending gradually to												
50.00	Desc. 716 ft. over steep NE. slope to												
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a stone 12x6x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 14, 15, 22 and 23, with brass cap marked												
	<table style="margin: auto;"> <tr><td>T5N</td><td>R14E</td></tr> <tr><td>S15</td><td>S14</td></tr> <tr><td>S22</td><td>S23</td></tr> </table> <p style="text-align: center;">1938</p> <p>No bearing trees available.</p>	T5N	R14E	S15	S14	S22	S23						
T5N	R14E												
S15	S14												
S22	S23												

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

35

Chains

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pinyon.
Undergrowth, oakbrush, laurel and buckbrush.

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

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

80.04 Intersect N. and S. line 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 14 and 23.

Over rolling land, thru scattering timber and dense undergrowth.

Desc. 22 ft. over SW. slope to

2.15 Draw, course S. 30° E.; thence over nearly level land.

2.30 U.S.F.S. trail, bears N. 80° W. and S. 80° E.

3.60 Same trail, bears N. 80° E. and S. 80° W.

8.80 Same trail, bears N. 80° W. and S. 80° E.

11.30 Wash, course S. 75° E. Leave nearly level and enter rolling and mountainous land; asc. 130 ft. over NE. slope.

32.80 Ridge, bears N. 10° W. and S. 10° E.; desc. 104 ft. over W. slope to

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone $8 \times 8 \times 8$ ins. marked with a (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4} \frac{S 14}{S 23}$

1938

No bearing trees available.

Desc. 718 ft. over steep broken W. slope to draw.

44.00 Top of cliff, 60 ft. high, bearing N. and S. facing W.

67.26 Draw, course S. 10° W., thence over nearly level land.

67.91 Fence, bears N. 35° E. and S. 35° W.

70.46 Coon Creek (dry) 20 lks. wide, course S. 30° E.; enter gently rolling land; asc. 25 ft. over gradual NE. slope.

74.84 Fence, bears N. 55° W. and S. 55° E.

78.65 Enter mountainous land; asc. 12 ft. over NE. slope to

80.04 The cor. of secs. 14, 15, 22 and 23.

Land, rolling and nearly level and mountainous.
Soil, rocky, 4th rate.
Timber, juniper and oak.
Undergrowth, oakbrush, laurel, buckbrush, catclaw and cacti.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

36

Chains	<p>N. 0°01' W. bet. secs. 14 and 15.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth.</p> <p>Desc. 12 ft. over NE. slope to</p> <p>1.79 Foot of descent, bears NW. and SE. Enter nearly level land.</p> <p>2.78 Fence, bears N. 80° W. and S. 70° E.</p> <p>7.60 Coon Creek (dry) 20 lks. wide, course SE. Enter mountainous land; asc. 437 ft. over S. slope.</p> <p>28.00 Spur, slopes W.; desc. 103 ft. over N. slope.</p> <p>34.70 Bottom of ravine, course S. 70° W.; asc. 329 ft. over S. slope to</p> <p>40.00 True point for $\frac{1}{4}$ sec. cor. falls on precipitous slope where it is impracticable to monument the cor., therefore, establish witness cor. 40 lks. N. 0°01' W.</p> <p>40.40 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone 12x6x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness corner to $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \\ S15 \quad \quad S14 \\ \\ W \quad C \\ \\ 1938 \end{array}$ </div> <p>No bearing trees available.</p> <p>Asc. 224 ft. over SW. slope.</p> <p>45.37 U.S.F.S. trail, bears SE. and NW.</p> <p>55.00 Point of spur, slopes W.; desc. 55 ft. over NW. slope.</p> <p>59.70 Bottom of ravine, course SW.; asc. 419 ft. over steep SW. slope to</p> <p>72.50 Enter rolling land in saddle of ridge, bearing NW. and SE. Desc. slightly over NW. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 10, 11, 14 and 15, with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} T5N \quad \quad R14E \\ S10 \quad \quad S11 \\ \hline S15 \quad \quad S14 \\ \\ 1938 \end{array}$ </div> <p style="text-align: right;">from which</p> <p>A black oak, 12 ins. diam., bears N. 78$\frac{1}{2}$° E., 73 lks. dist., marked T5N R14E S11 BT.</p> <p>A juniper, 6 ins. diam., bears S. 1° E., 14 lks. dist., marked T5N R14E S14 BT.</p> <p>A juniper, 12 ins. diam., bears S. 86° W., 97 lks.</p>
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SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

37

Chains	
	<p>dist., marked T5N R14E S15 BT.</p> <p>No bearing tree available in Sec. 10.</p> <p>Land, mountainous, nearly level, and rolling. Soil, rocky, 4th rate. Timber, juniper and oak. Undergrowth, oakbrush, manzanita, laurel and cacti.</p>
	<p>S. 89°59' E. on random line bet. secs. 11 and 14.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line 6 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	S. 89°58' W., on true line, bet. secs. 11 and 14.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Asc. 330 ft. over broken NE. slope to
31.90	Draw, course N. 30° E.; asc. 80 ft. over NE. slope to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 10x8x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 11}{S 14}$
	1938
	No bearing trees available.
	Thence over mountainous and rolling land.
	Asc. 248 ft. over NE. slope.
75.50	Enter rolling land in saddle in ridge, bearing NW. and SE.; desc. 12 ft. over NW. slope to
80.06	The cor. of secs. 10, 11, 14 and 15.
	Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, laurel and cacti.
	N. 0°01' W. bet. secs. 10 and 11.
	Over rolling land, thru scattering timber and dense undergrowth, in saddle in ridge bearing NW. and SE.
	Asc. 36 ft. over SE. slope to
5.30	Leave rolling land and saddle, and enter mountainous land. Desc. 124 ft. over NE. slope.
9.33	Draw, course E.; asc. 50 ft. over SE. slope to
13.50	Thence over rolling E. slope; descending 25 ft. to

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

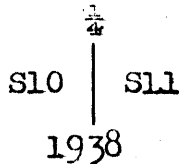
38

Chains

26.60 Trail, bears N. 30° E. and S. 30° W. Asc. 50 ft. over SE. slope.

33.40 Draw, course S. 20° E.; asc. 171 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



from which

A white oak, 12 ins. diam., bears S. 85 1/2° E., 89 lks. dist., marked 1/4 S11 BT.

A white oak, 6 ins. diam., bears S. 58 1/2° W., 44 lks. dist., marked 1/4 S10 BT.

Asc. 232 ft. over S. slope.

50.10 U.S.F.S. trail, bears N. 20° W. and S. 10° E.

50.63 Indian ruins, bear West 100 lks. dist.

58.00 Same trail, bears N. 30° E. and S. 20° W.

60.95 Spur, slopes SE.; ascend gradually over E. slope.

61.85 Same trail, bears N. 20° W. and S. 30° E.

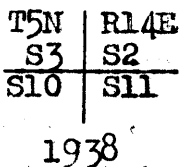
65.70 Draw, course S. 30° E.; asc. 121 ft. over SW. slope.

66.10 Same trail, bears N. 50° E. and S. 10° W.

70.40 Spur, slopes SE.; desc. 40 ft. over NE. slope.

73.50 Asc. 52 ft. over steep E. and SE. slopes to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, with a stone 4x3x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 2, 3, 10 and 11, with brass cap marked



No bearing trees available.

Land, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pine.
Undergrowth, oakbrush, laurel, buckbrush and cacti.

N. 89°58' E. on random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect N. and S. line 7 lks. N. of the cor. of secs. 1, 2, 11 and 12.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

39

Chains

Thence

N. 89°59' W. on true line bet. secs. 2 and 11.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 765 ft. over steep broken NE. slope.

2.76 Trail, bears N. 30° W. and S.

20.20 Rocky spur, slopes SE.; thence across top of spur along top of bluffs facing S.

28.30 Leave top of spur; desc. 74 ft. over SW. slope.

33.20 Draw, course S.; asc. 42 ft. over SE. slope to

40.08 Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4} \frac{S 2}{S 11}$

1938

from which

A black oak, 10 ins. diam., bears S. 31° E., 61 lks. dist., marked $\frac{1}{4}$ S11 BT.A white oak, 6 ins. diam., bears N. 65 $\frac{1}{2}$ ° W., 14 lks. dist., marked $\frac{1}{4}$ S2 BT.

Asc. 42 ft. over SE. slope.

44.50 Top of bluffs, bears NW. and S. 80° E. at point of spur sloping S.; desc. 961 ft. over steep broken SW. slope.

76.60 West fork of Deep Creek (dry) 20 lks. wide, course S. 25° E.; asc. 124 ft. over SE. slope to sec. cor.

78.71 U.S.F.S. trail, bears N. and S.

80.16 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak and juniper.

Undergrowth, oakbrush, buckbrush, laurel, manzanita and cacti.

N. 0°01' W., on random line, bet. secs. 2 and 3.

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

80.30 Intersect N. bdy. of the Tp. 11 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

Thence

S. 0°04' W., on true line, bet. secs. 2 and 3.

Over mountainous land, thru dense timber and undergrowth.

Asc. 42 ft. over NE. slope.

10.53 Spur, slopes E.; desc. 260 ft. over S. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

40

Chains	
31.35	Draw, course S. 50° E.; asc. 17 ft. over NE. slope.
34.04	Desc. 32 ft. over SE. slope.
38.61	Asc. 15 ft. over NE. slope to
40.30	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S3 S2 1938
	from which
	A pine, 8 ins. diam., bears N. 9° E., 48 lks. dist. marked $\frac{1}{4}$ S2 BT.
	A pine, 6 ins. diam., bears S. 83° W., 8 lks. dist. marked $\frac{1}{4}$ S3 BT.
	Desc. 370 ft. over SW. slope.
46.30	U.S.F.S. trail, bears E. and W.
50.10	U.S.F.S. trail, bears N. 80° E. and S. 80° W.
61.80	U.S.F.S. trail, bears N. 30° W. and S. 10° E.
63.50	West fork of Deep Creek (dry) 20 lks. wide, course S. 25° E.; desc. 124 ft. over steep E. slope.
72.00	Asc. 35 ft. over NE. slope.
76.30	Point of spur, slopes E.; desc. 109 ft. over SE. slope to
80.30	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper, oak and yellow pine. Undergrowth, oakbrush, laurel, manzanita and cacti.
	From the std. cor. of secs. 33 and 34 on the S. bdy. of the Tp. (1st Std. Par. N.), which is an iron post, 3 ins. in diam., projecting 8 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.
	N. 0°02' W. bet. secs. 33 and 34.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Desc. 67 ft. over broken NE. slope.
7.90	Bottom of ravine, course SE.; asc. 129 ft. over SW. slope.
12.90	Spur, slopes S. 25° E.; desc. 49 ft. over NE. slope.
21.20	Bottom of ravine, course SE.; asc. 217 ft. over S. slope.
35.00	Spur, slopes E.; desc. 77 ft. over NE. slope to
40.00	Head of drain, course E. Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ \text{S33} \mid \text{S34} \\ 1938 \end{array}$$

No bearing trees available.

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

Ascend 18 ft. over SE. slope.

43.80 Spur, slopes N. 60° E.; desc. 348 ft. over N. slope.

58.20 Wash, 25 lks. wide, course S. 80° E.; asc. 230 ft. over S. slope.

67.00 Spur, slopes E.; desc. 101 ft. over N. slope.

72.10 Wash, 20 lks. wide, course SE.; asc. 158 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 27, 28; 33 and 34, with brass cap marked

$$\begin{array}{c} \text{T5N} \mid \text{R14E} \\ \text{S28} \mid \text{S27} \\ \text{S33} \mid \text{S34} \end{array}$$

1938

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper, pinyon and oak.

Undergrowth, manzanita, oakbrush and cacti.

East, on random line, bet. secs. 27 and 34.

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

80.04 Intersect N. and S. line 4 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S. 89°58' W., on true line, bet. secs. 27 and 34.

Over mountainous land, thru scattering timber and undergrowth.

Desc. 158 ft. over SW. slope.

4.64 Fence (5 wire) bears N. and S.

8.00 Oak Creek (dry) 30 lks. wide, course S.; asc. 268 ft. over E. slope.

19.84 Point of spur, slopes SE.; asc. gradually over S. slope to

28.00 Drain, course S. near head; asc. 76 ft. over SE. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains	
36.50	Spur, slopes S. from N. 30° E.; desc. 58 ft. over W. slope to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{r} S 27 \\ S 34 \end{array}$
	1938
	No bearing trees available.
	Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
	Desc. 71 ft. over W. slope.
42.70	Wash, 30 lks. wide, course S. 10° W. from NW.; asc. 378 ft. over East slope.
70.00	Spur, slopes SE.; desc. 76 ft. over SW. slope to
80.04	The cor. of secs. 27, 28, 33 and 34.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and oak. Undergrowth, oakbrush, manzanita and cacti.
	N. 0°02' W. bet. secs. 27 and 28.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 24 ft. over SW. slope to
4.03	Leave mountainous and enter rolling land. Thence along W. slope, ascending gradually to
32.00	Head of draw, course SW.; asc. slightly over SW. slope to
33.93	Thence across nearly level top of spur, sloping slightly SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c} S28 \\ \\ S27 \end{array}$
	1938
	from which
	A juniper, 16 ins. diam., bears S. 28½° E., 40 lks. dist., marked ¼ S27 BT.
	A juniper, 12 ins. diam., bears S. 84½° W., 108 lks. dist., marked ¼ S28 BT.
	Continue across nearly level top of spur.
59.50	Leave top of spur and enter rolling land. Desc. 18 ft. over NE. slope.
61.90	Wash, 30 lks. wide, course SE; enter mountainous land;

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

43

Chains

- asc. 127 ft. over SW. slope to.
 72.00 Thence along W. slope.
 78.00 Desc. 18 ft. over NW. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T5N	R14E
S21	S22
S28	S27

1938

No bearing trees available.

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

Land, mountainous, rolling and nearly level.
 Soil, 4th rate.
 Timber, juniper, oak and pinyon.
 Undergrowth, oakbrush, manzanita and cacti.

- 40.00 N. 89°58' E. on random line, bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect N. and S. line 8 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

- N. 89°59' W., on true line, bet. secs. 22 and 27.
 Over mountainous land, thru scattering timber and dense undergrowth.
 Desc. 35 ft. over NW. slope.
 2.30 Wash, 20 lks. wide, course SW.; asc. 142 ft. over E. slope.
 11.60 Spur, slopes S.; enter rolling land; desc. 23 ft. over SW. slope.
 20.10 Drain, course SE.; asc. 23 ft. over SE. slope.
 25.60 Spur, slopes S. 25° E. from N.; reenter mountainous land; desc. 249 ft. over SW. slope to wash.
 27.50 Rim rock, 10 ft. high, bears N. and S. 40° E., facing SW.
 34.90 Wash, 20 lks. wide, course S. 40° E.; asc. 113 ft. over SE. slope to
 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1938

from which

An oak, 8 ins. diam., bears N. 1 $\frac{1}{2}$ ° W., 46 lks. dist., marked $\frac{1}{4}$ S22 BT.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E;

44

Chains

An oak, 6 ins. diam., bears S. $9\frac{1}{4}^{\circ}$ W., 71 lks. dist., marked $\frac{1}{4}$ S27 BT.

Asc. 212 ft. over SE. slope.

49.80 Spur, slopes S. 40° E. from N.; desc. 245 ft. over SW. slope to

69.30 Foot of slope, bears NW. and SE. Thence across bottom of canyon.

71.10 Oak Creek (dry) 30 lks. wide, course S. $49\frac{1}{2}^{\circ}$ E.; asc. 170 ft. over NE. slope.

75.27 Fence (5 wire) bears N. 36° W. and S. $36\frac{1}{2}^{\circ}$ E.

78.90 Point of spur, slopes NW.; desc. 9 ft. over NW, slope to

80.12 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Timber, juniper, pinyon and oak.

Undergrowth, oakbrush, manzanita and cacti.

N. $0^{\circ}02'$ W. bet. secs. 21 and 22.

Over mountainous land, thru scattering timber and dense undergrowth.

Desc. 83 ft. over NW. slope.

3.40 Wash, 25 lks. wide, course E. from N. 70° W.; cattlemen's camp and spring, bears N. 70° W. about 15.00 chs. dist.; asc. 192 ft. over S. slope.

6.60 Fence (4 wire) bears N. 27° W. and S. 36° E.

15.00 Spur, slopes SE.; asc. slightly over E. slope.

18.20 Desc. 59 ft. over NE. slope to

26.50 Foot of slope, bears NW. and SE.; thence over nearly level land in bottom of canyon.

31.80 Wash, 20 lks. wide, course SE.; ascend slightly over SE. slope.

34.90 Dim trail, bears N. 10° W. and S. 10° E.

37.50 Oak Creek 20 lks. wide, with small stream of running water, course S. 17° E. from N. 5° W. Leave bottom of canyon, and enter rolling and mountainous land; asc. 22 ft. over SW. slope to

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

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

1938

from which

An oak, 14 ins. diam., bears S. $81\frac{1}{2}^{\circ}$ E., 84 lks. dist. marked $\frac{1}{4}$ S22 BT.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

45

Chains

A juniper, 6 ins. diam., bears S. $54\frac{1}{2}^{\circ}$ W., 95 lks. dist., marked $\frac{1}{4}$ S21 BT.

Asc. 261 ft. over SW. slope.

41.30 U.S.F.S. trail, bears N. $10\frac{1}{2}^{\circ}$ E. and S. 22° W.

44.80 Same trail, bears N. 19° W. and S. 15° E.

77.60 Divide between Oak and Coon Creeks bears NW. and SE.; desc. 20 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T5N	R14E
S16	S15
S21	S22

1938

No bearing trees available.

Raise a mound of stone 5 ft. base, 3 ft. high, W. of cor.

Land, mountainous, nearly level and rolling.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinyon.

Undergrowth, oakbrush, manzanita and cacti.

S. $89^{\circ}59'$ E. on random line bet. secs. 15 and 22.

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

80.08 Intersect N. and S. line 4 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence

S. $89^{\circ}59'$ W. on true line bet. secs. 15 and 22.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 240 ft. over NE. slope to

9.10 Point of spur, slopes NE.; asc. 103 ft. over N. slope.

20.10 Bottom of ravine, course NE.; asc. 604 ft. over E. slope to

40.04 Spur, slopes N. from Coon Creek Butte.

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

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

1938

from which

A pinyon, 5 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ W., 71 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 8 ins. diam., bears S. $38\frac{1}{2}^{\circ}$ E., 27 lks. dist., marked $\frac{1}{4}$ S22 BT.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

46

Chains	
	Desc. 369 ft. over NW. slope.
72.80	Draw, course N.; asc. 80 ft. over NE. slope to
80.08	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper and pinyon. Undergrowth, oakbrush, manzanita, laurel and locust.
	N. 0°02' W. bet. secs. 15 and 16. Over mountainous land; thru medium timber and dense undergrowth.
	Desc. 57 ft. over NE. slope.
3.30	Bottom of ravine, 15 lks. wide, course N. 60° E.; asc. 28 ft. over SE. slope.
4.50	U.S.F.S. trail, bears N. 60° E. and S. 60° W.
6.40	Spur, slopes NE.; desc. 26 ft. over N. slope.
8.40	Bottom of ravine, course NE.; asc. 167 ft. over SE. slope.
26.30	Fence cor. bears E. about 5 chs. dist. from which old fences extend E. and S.
34.50	Saddle between high spur sloping E., and small knoll E. of line about 5 chs. dist.; desc. 47 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S16 S15 1938 from which
	A juniper, 20 ins. diam., bears S. 49° E., 72 lks. dist., marked $\frac{1}{4}$ S15 BT.
	A juniper, 16 ins. diam., bears N. 40 $\frac{1}{2}$ ° W., 48 lks. dist., marked $\frac{1}{4}$ S16 BT.
	Desc. 57 ft. over NE. slope.
44.20	Bottom of ravine, course SE.; asc. 40 ft. over SE. slope.
46.20	U.S.F.S. trail, bears N. 8 $\frac{3}{4}$ ° E. and S. 28° W.
51.55	Same trail, bears N. 30° W. and S. 10° E.
55.70	Spur, slopes SE. from W.; desc. 44 ft. over NE. slope.
63.10	Draw, course E.; asc. 19 ft. over SE. slope.
64.80	Spur, slopes E.; desc. 55 ft. over NE. slope to
77.00	Thence along E. slope ascending gradually to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

47

Chains

T5N	R14E
S9	S10
S16	S15

1938

from which

A pine, 12 ins. diam., bears N. $29\frac{1}{2}^{\circ}$ E., 55 lks. dist., marked T5N R14E S10 BT.

An oak, 6 ins. diam., bears S. 34° E., 47 lks. dist., marked T5N R14E S15 BT.

An oak, 8 ins. diam., bears S. $58\frac{1}{4}^{\circ}$ W., 73 lks. dist., marked T5N R14E S16 BT.

A yellow pine, 6 ins. diam., bears N. 62° W., 60 lks. dist., marked T5N R14E S9 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinyon.

Undergrowth, oakbrush, manzanita and cacti.

N. $89^{\circ}59'$ E. on random line, bet. secs. 10 and 15.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence

S. $89^{\circ}57'$ W. on true line bet. secs. 10 and 15.

Over rolling land, thru scattering timber and dense undergrowth, in saddle in ridge, bearing NW. and SE.

Desc. gradually over NW. slope.

10.18 U.S.F.S. trail, bears N. 30° E. and S. 5° E.

16.00 Leave saddle, and enter mountainous land. Desc. 362 ft. over W. slope.

34.77 Draw, course S. 10° W.; asc. 114 ft. over SE. slope to40.05 Set an iron post, 3 ft. long, 1 in. in diam.; on exposed bedrock, with a stone 12x6x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 10
	S 15

1938

No bearing trees available.

Asc. 115 ft. over SE. slope.

44.30 Spur, slopes S. 15° W.; desc. 505 ft. over W. slope.66.46 Coon Creek (dry) 20 lks. wide, course S. 43° E.; asc. 209 ft. over E. slope to sec. cor.72.47 U.S.F.S. trail, bears N. 47° E. and S. 20° W.

80.10 The cor. of secs. 9, 10, 15 and 16.

BOOK

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

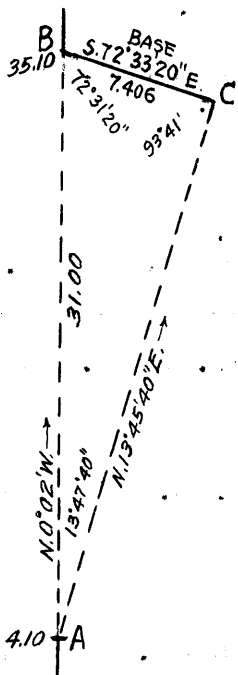
Land, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, juniper, oak and yellow pine.
Undergrowth, oakbrush and laurel.

N. 0°02' W. bet. secs. 9 and 10.

Over mountainous land, thru medium timber and scattering undergrowth.

Ascend 50 ft. over E. slope to

4.10 Beyond this point chaining is impracticable owing to precipitous slopes and cliffs, therefore triangulate as follows.



Designate 4.10 ch. station as "A". Set flag "B" ahead on sec. line at top of cliffs, the vertical angle to which is +34°. From "B" chain a base S. 72°33'20" E., 7.406 chs. and set flag "C" which bears N. 13°45'40" E. Included angles of triangle A-B-C are 13°47'40", 72°31'20" and 93°41', the sum of which is 180°00'.

Chained dist. on sec. line to "A" = 4.10 chs. N. 0°02' W.
Triang. dist. "A" to "B" = 31.00 " "
Dist. on sec. line to "B" = 35.10 chs. " from sec. cor.

Desc. about 50 ft. over NE. slope to Coon Creek.

7.50 (Approx.) U.S.F.S. trail, bears NW. and SE.

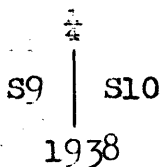
10.50 (Approx.) Coon Creek (dry) 20 lks. wide, course SE.; asc. about 1400 ft. over cliffs facing SW.

35.10 Triangulation point "B" at top of cliffs, bearing NW. and SE., facing SW.

Resume chaining and continue line and measurement.

Asc. 105 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked



from which

A pine, 9 ins. diam., bears N. 60½° E., 23 lks. dist., marked ¼ S10 BT.

A pine, 8 ins. diam., bears N. 26½° W., 44 lks. dist., marked ¼ S9 BT.

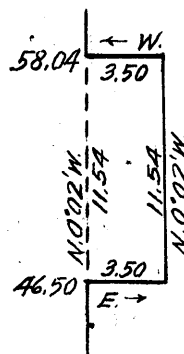
Asc. 123 ft. over rocky SW. slope to

46.50 SE. rim of canyon, bears NE. and SW.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

Thence across head of canyon, about 220 ft. deep, with precipitous cliffs on each side. Chaining on the sec. line across the canyon being impracticable, obtain measurement by offset as follows:



From 46.50 ch. station, East, 3.50 chs. to offset point.

Thence

N. 0° 02' W., 11.54 chs. on offset line parallel to sec. line, to offset point at head of canyon.

Thence

West, 3.50 chs. along NW. rim of canyon, returning to sec. line at 58.04 ch. station.

56.00 (Approx.) Bottom of canyon, 10 lks. wide, course S. 60° W.; asc. over S. face of cliff to

58.04 Offset point at NW. rim of canyon, bearing E. and SW.

Thence on sec. line, continuing measurement.

Over gently rolling bench, ascending gradually over SE. slope.

61.89 Fence, bears N. 55° E. and S. 55° W. . .

63.13 U.S.F.S. trail, bears N. 70° E. and S. 70° W.

66.50 Reenter mountainous land. Asc. 177 ft. over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T5N	R14E
S4	S3
S9	S10

1938

from which

A yellow pine, 11 ins. diam., bears N. 32° E., 25 lks. dist., marked T5N R14E S3 BT.

A yellow pine, 13 ins. diam., bears S. 40° E., 8 lks. dist., marked T5N R14E S10 BT.

A yellow pine, 6 ins. diam., bears S. 59° W., 11 lks. dist., marked T5N R14E S9 BT.

A yellow pine, 10 ins. diam., bears N. 20½° W., 40 lks. dist., marked T5N R14E S4 BT.

Land, mountainous and gently rolling.

Soil, rocky, 4th rate.

Timber, yellow pine and oak.

Undergrowth, oakbrush, and second growth timber.

N. 89° 57' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

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

BOOK 4101

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

50

Chains	2, 3, 10 and 11.
	Thence,
	N. 89°59' W., on true line, bet. secs. 3 and 10.
	Over mountainous land, thru medium timber and dense undergrowth.
	Asc. 404 ft. over SE. slope to
13.90	Desc. 40 ft. over S. slope.
19.30	Asc. 215 ft. over SE. slope to $\frac{1}{4}$ sec. cor.
28.90	U.S.F.S. trail, bears N. 60° E. and S. 60° W.
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 3}{S\ 10}$
	1938
	from which
	A yellow pine, 8 ins. diam., bears N. 53° W., 22 lks. dist., marked $\frac{1}{4}$ S3 BT.
	A yellow pine, 8 ins. diam., bears S. 62 $\frac{1}{2}$ ° W., 48 lks. dist., marked $\frac{1}{4}$ S10 BT.
	Asc. 198 ft. over SE. slope.
54.06	Desc. 34 ft. over SW. slope.
57.40	Wash, course S.; asc. 28 ft. over SE. slope.
61.45	Desc. 60 ft. over SW. slope.
67.50	Wash, course S.; asc. 117 ft. over SE. slope to sec. cor.
68.65	Wash, course SE.
80.10	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, yellow pine and oak.
	Undergrowth, manzanita, laurel and oakbrush.
	N. 0°02' W., on random line, bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.11	Intersect N. bdy. of the Tp. 16 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
	Thence
	S. 0°05' W., on true line, bet. secs. 3 and 4.
	Over mountainous land, thru dense timber and undergrowth.
	Desc. gradually over W. slope.
16.60	Enter gently rolling land. Asc. gradually over NW. slope to $\frac{1}{4}$ sec. cor.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

5191

51

Chains	
29.90	Trail, bears E. and N. 40° W.
40.11	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S4 S3 1938
	from which
	A pine, 5 ins. diam., bears S. 65° E., 24 lks. dist., marked $\frac{1}{4}$ S3 BT.
	A pine, 12 ins. diam., bears N. 86 $\frac{1}{2}$ ° W., 88 lks. dist., marked $\frac{1}{4}$ S4 BT.
	Continue over gently rolling land. Asc. gradually over NW. slope to
55.50	Desc. 30 ft. over SW. slope to
62.58	Reënter mountainous land. Desc. 267 ft. over SE. slope to
80.11	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous and gently rolling. Soil, rocky loam 3rd and 4th rates. Timber, yellow pine and oak. Undergrowth, second growth timber.
	From the std. cor. of secs. 32 and 33 on the S. bdy. of the Tp. (1st Std. Par. N.) which is an iron post, 3 ins. in diam., projecting 20 ins. above ground and in a mound of stone to top, firmly set, marked on brass cap and witnessed as described in the official record.
	N. 0°02' W. bet. secs. 32 and 33.
	Over mountainous land, thru scattering timber and medium undergrowth.
	Desc. 40 ft. over steep, rocky NW. slope.
4.10	Bottom of gulch, course W.; asc. 68 ft. over precipitous S. slope to
5.10	Rim of gulch, bears E. and W.; asc. 78 ft. over SE. slope.
9.20	Point of spur, slopes SW.; desc. 80 ft. over NW. slope.
22.00	Top of cliffs bearing N. 30° E. and S. 30° W. facing NW.; desc. 150 ft. over precipitous NW. slope.
30.20	Bottom of gulch, course SW.; asc. 210 ft. over precipitous SE. slope to
34.10	Top of cliffs bearing NE. and SW. facing SE.; asc. 130 ft. over steep S. slope to
40.00	Spur, slopes W. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

ECCO

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

52

Chains

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

S32		S33
-----	--	-----

1938

from which

A juniper, 5 ins. diam., bears S. 14° E., 42 lks. dist., marked $\frac{1}{4}$ S33 BT.

No bearing tree available in sec. 32.

Desc. 194 ft. over NW. slope.

- 50.20 Head of canyon, course SW.; asc. 147 ft. over SE. slope.
- 57.60 Spur, slopes SW.; asc. slightly over W. slope.
- 61.50 Desc. 28 ft. over NW. slope.
- 69.80 Head of canyon, course SW.; asc. 52 ft. over SW. slope.
- 74.70 S. edge of top of ridge bears W. and S. 30° E.; thence across nearly level top of ridge.
- 79.80 U.S.F.S. trail, bears N. 88° E. and S. 57° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T5N		R14E
S29		S28
S32		S33

1938

from which

An oak, 5 ins. diam., bears N. 18 $\frac{1}{2}$ ° E., 207 lks. dist., marked T5N R14E S28 BT.

An oak, 10 ins. diam., bears S. 4 $\frac{1}{4}$ ° E., 173 lks. dist., marked T5N R14E S33 BT.

An oak, 6 ins. diam., bears S. 75 $\frac{1}{2}$ ° W., 136 lks. dist., marked T5N R14E S32 BT.

A juniper, 12 ins. diam., bears N. 35° W., 650 lks. dist., marked T5N R14E S29 BT.

Land, mountainous and nearly level.

Soil, rocky, 4th rate.

Timber, juniper, pinyon and oak.

Undergrowth, oakbrush, manzanita and cacti.

East, on random line, bet. secs. 28 and 33.

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

- 80.14 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence

West, on true line, bet. secs. 28 and 33.

Over mountainous land, thru scattering timber and dense undergrowth.

Desc. 90 ft. over SW. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

53

Chains	
6.00	Wash, 20 lks. wide, course SE.; asc. 116 ft. over E. slope.
11.00	Spur slopes SE. from N.; desc. 163 ft. over SW. slope.
18.60	Wash, 20 lks. wide, course S.; asc. 43 ft. over SE. slope to
20.90	Toe of spur, slopes S.; desc. slightly over SW. slope.
22.10	Draw, course S.; asc. 72 ft. over E. slope.
31.80	Spur, slopes S. 20° E.; desc. 40 ft. over SW. slope.
39.30	Head of draw, course S.; asc. 5 ft. over SE. slope to
40.07	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 28}{S \ 33}$
	1938
	No bearing trees available.
	Asc. 25 ft. over SE. slope.
42.20	Spur, slopes S.; desc. 72 ft. over SW. slope.
48.70	Draw, course S.; asc. 226 ft. over broken SE. slope.
60.70	Spur, slopes S.; desc. 60 ft. over SW. slope.
64.90	Junction of ravines, course SE. from N. and NW.; asc. 143 ft. over NE. slope to
75.56	NE. edge of top of ridge, bears NW. and SE. Thence over nearly level top of ridge.
76.35	U.S.F.S. trail, bears N. 53 $\frac{1}{2}$ ° E. and S. 53 $\frac{1}{2}$ ° W.
80.14	The cor. of secs. 28, 29, 32 and 33.
	Land, mountainous and nearly level. Soil, rocky, 4th rate. Timber, juniper, pinyon and oak. Undergrowth, oakbrush, manzanita and cacti.
	N. 0°02' W. bet. secs. 28 and 29.
	Over rolling land on top of ridge, bearing NW. and SE. thru scattering timber and dense undergrowth. Asc. 40 ft. over SE. slope to
4.26	NE. edge of top of ridge, bears NW. and SE.; leave top of ridge; enter mountainous land.
	Asc. 250 ft. over steep E. slope to
21.60	Head of ravine, course SE.; asc. 317 ft. over steep SE. slope to
39.90	S. edge of spur, sloping E. Thence across nearly level top of spur.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

54

Chains

$$\begin{array}{c} \frac{1}{2} \\ \text{s29} \mid \text{s28} \\ 1938 \end{array}$$

No bearing trees available.

Raise a mound of stone 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Continue across nearly level top of spur sloping E.

46.25 Leave top of spur, enter rolling land. Desc. gradually over NE. and E. slopes.

58:30 Head of ravine S. 60° E.; asc. 15 ft. over S. slope.

62.00 Spur, slopes S. 80° E.; desc. 72 ft. over NE. slope.

70.00 Bottom of ravine, course SE.; reenter mountainous land; asc. 107 ft. over broken SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 20, 21, 28 and 29, with brass cap marked

$$\begin{array}{c} \text{T5N} \mid \text{R14E} \\ \text{s20} \mid \text{s21} \\ \hline \text{s29} \mid \text{s28} \end{array}$$

1938

No bearing trees available.

Land, rolling, mountainous and nearly level.

Soil, rocky, 4th rate.

Timber, juniper, pinyon and oak.

Undergrowth, oakbrush, manzanita and cacti.

East, on random line, bet. secs. 21 and 28.

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

80.12 Intersect N. and S. line 3 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

S. $89^\circ 59'$ W. on true line bet. secs. 21 and 28.

Over rolling land, thru scattering timber and dense undergrowth.

Desc. 19 ft. over NW. slope.

3.62 Fence (5 wire) bears N. $14\frac{1}{2}^\circ$ W. and S. $10\frac{1}{2}^\circ$ E.

6.10 Draw, course NE.; asc. 77 ft. over SE. slope.

14.12 U.S.F.S. trail, bears N. $1\frac{1}{2}^\circ$ W. and S. 6° E.

23.40 Wash, 20 lks. wide, at bend, course SE. from S. 80° W.; asc. along S. slope.

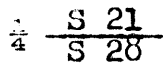
24.90 Fence (5 wire) bears N. $7\frac{1}{2}^\circ$ E. and S. $7\frac{1}{2}^\circ$ W.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

28.10 Same wash, course S. 80° E.; enter mountainous land; asc. 310 ft. over NE. slope to

40.06 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked



1938

No bearing trees available.

Raise a mound of stone, 5 ft. base, 3 ft. high, N. of cor.

Asc. 87 ft. over NE. slope.

60.10 Spur, slopes SE.; desc. 66 ft. over SW. slope.

68.40 Wash, 40 lks. wide, course SE.; asc. 200 ft. over broken SE. slope to sec. cor.

69.10 Spring bears N. about 150 lks. dist.

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

Land, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and sycamore.
Undergrowth, oakbrush, manzanita, laurel, cacti and locust.

N. 0°02' W. bet. secs. 20 and 21.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 40 ft. over SE. slope.

4.50 Desc. 45 ft. over NE. slope.

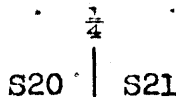
10.10 Wash, 40 lks. wide, course SE.; asc. 941 ft. over steep SW. slope to Zimmerman Point.

26.00 Top of cliff, 25 ft. high, bears NW. and SE., facing SW.

31.40 Top of Zimmerman Point, bears N. 36° W. and S. 36° E.; thence across same.

32.80 Leave Zimmerman Point; desc. 126 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



1938

No bearing trees available.

Desc. slightly over NE. slope to

40.20 Drain, course SE., near head. Beyond this point the sec. line crosses a series of cliffs, facing SE., and chaining

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

56

Chains

is impracticable, therefore obtain measurement of the N. $\frac{1}{2}$ of the line bet. secs. 20 and 21 by offset line as follows:

From $\frac{1}{4}$ sec. cor., East, 10 chs. to offset point,

Thence

N. $0^{\circ}2'W.$, on offset line parallel to sec. line, 40 chs. to offset point

Thence

West, 10 chs. to sec. cor. point, from which chain S. $0^{\circ}02' E.$, 30 lks. to wash.

74.00 (Approx.) Point of spur, slopes NE.; desc. about 160 ft. over N. slope.

79.70 Wash, 30 lks. wide, course SE.; asc. 25 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T5N	RL4E
S17	S16
S20	S21

1938

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinyon.

Undergrowth, oakbrush, manzanita, laurel, locust and cacti.

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

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

80.12 Intersect N. and S. line 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

West, on true line, bet. secs. 16 and 21.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 25 ft. over NE. slope.

3.30 U.S.F.S. trail, bears NE. and SW.

5.00 Divide, between Oak and Coon Creeks, bears NW. and SE.; thence along steep S. slope. Ascend 100 ft.

9.15 U.S.F.S. trail, bears N. $11\frac{1}{2}^{\circ} W.$ and S. $11^{\circ} E.$

16.17 Ascend 30 ft. over SE. slope.

23.00 Point of spur, slopes SE.; desc. 27 ft. over SW. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

57

Chains	
24.60	Oak Creek (dry) 15 lks. wide, course S. 53° E.; asc. 202 ft. over SE. slope to
40.06	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4} \begin{array}{c} S 16 \\ S 21 \end{array}$ <p style="text-align: center;">1938</p> <p style="text-align: right;">from which</p> <p>An oak, 6 ins. diam., bears N. 7$\frac{1}{4}$° E., 67 lks. dist., marked $\frac{1}{4}$ S16 BT.</p> <p>An oak, 16 ins. diam., bears S. 48° E., 16 lks. dist., marked $\frac{1}{4}$ S21 BT.</p> <p>Asc. 737 ft. over broken SE. slope.</p>
75.50	Point of rocky spur, slopes SE.; desc. 139 ft. over SW. slope to
80.12	The cor. of secs. 16, 17, 20 and 21. <p>Land, mountainous: Soil, rocky, 4th rate. Timber, oak, pinyon and juniper. Undergrowth, oakbrush, manzanita, laurel, locust and cacti.</p> <hr/> <p>N. 0°02' W. bet. secs. 16 and 17. Over mountainous land, thru medium timber and undergrowth. Asc. 310 ft. over SW. slope.</p>
12.00	Rocky spur, slopes S. 30° E.; asc. 240 ft. over E. and SE. slopes.
26.00	Ridge, bears NE. and SW.; desc. 73 ft. over NW. slope to $\frac{1}{4}$ sec. cor.
31.85	U.S.F.S. trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \begin{array}{c} S 17 \\ S 16 \end{array}$ <p style="text-align: center;">1938</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 12 ins. diam., bears S. 11$\frac{1}{2}$° E., 21 lks. dist., marked $\frac{1}{4}$ S16 BT.</p> <p>A yellow pine, 6 ins. diam., bears N. 19$\frac{3}{4}$° W., 80 lks. dist., marked $\frac{1}{4}$ S17 BT.</p> <p>Desc. 141 ft. over NW. slope.</p>
47.00	Bottom of ravine, course SW.; asc. 248 ft. over SW. slope to ridge.
55.30	Wash, 20 lks. wide, course S. 20° W.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

58

Chains							
68.80	Ridge, bears N. 60° W. and S. 60° E.; thence across top of ridge.						
69.40	U.S.F.S. trail, along top of ridge. Leave top of ridge. Desc. 168 ft. over NE. slope to						
80.00	Shallow rocky draw, course SE. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked						
	<table border="1"> <tr> <td>T5N</td> <td>R14E</td> </tr> <tr> <td>S8</td> <td>S9</td> </tr> <tr> <td>S17</td> <td>S16</td> </tr> </table>	T5N	R14E	S8	S9	S17	S16
T5N	R14E						
S8	S9						
S17	S16						
	1938						
	from which						
	A yellow pine, 8 ins. diam., bears N. 56½° E., 68 lks. dist., marked T5N R14E S9 BT.						
	A yellow pine, 12 ins. diam., bears S. 7½° E., 60 lks. dist., marked T5N R14E S16 BT.						
	A yellow pine, 14 ins. diam., bears S. 59° W., 54 lks. dist., marked T5N R14E S17 BT.						
	A yellow pine, 6 ins. diam., bears N. 37° W., 46 lks. dist., marked T5N R14E S8 BT.						
	Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine, oak, juniper and fir. Undergrowth, oakbrush and manzanita.						
	East, on random line, bet. secs. 9 and 16.						
40.00	Set temp. ¼ sec. cor.						
80.10	Intersect the cor. of secs. 9, 10, 15 and 16. Thence						
	West, on true line, bet. secs. 9 and 16.						
	Over mountainous land, thru dense timber and scattering undergrowth.						
	Asc. 775 ft. over E. slope to ¼ sec. cor.						
6.60	U.S.F.S. trail, bears N. and S. 20° E.						
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked						
	<table border="1"> <tr> <td>¼</td> <td>S 9</td> </tr> <tr> <td></td> <td>S 16</td> </tr> </table>	¼	S 9		S 16		
¼	S 9						
	S 16						
	1938						
	from which						
	A yellow pine, 16 ins. diam., bears N. 22½° E., 31 lks. dist., marked ¼ S9 BT.						
	A yellow pine, 28 ins. diam., bears S. 50° W., 55 lks. dist., marked ¼ S16 BT.						
	Asc. 873 ft. over E. and NE. slopes.						

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

59

Chains	
74.70	Ridge, bears N. 60° W. and S. 60° E.; desc. 43 ft. over SW. slope to
80.10	The cor. of secs. 8, 9, 16 and 17. Land, mountainous Soil, rocky, 4th rate. Timber, yellow pine and oak. Undergrowth, oakbrush and second growth timber.
	N. 0°02' W. bet. secs. 8 and 9. Over mountainous land, thru dense timber and scattering undergrowth. Asc. 66 ft. over SW. slope.
2.80	Ridge, bears N. 60° W. and S. 60° E.; desc. 426 ft. over NE. slope.
18.00	Head of draw, course N. 80° E.; asc. 75 ft. over S. slope.
23.86	Spur, slopes E.; desc. 333 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ s8 s9 1938 </div> No bearing trees available. Desc. 94 ft. over NE. slope.
42.70	Draw, course N. 50° E.; asc. 86 ft. over S. slope.
52.60	Spur, slopes E.; desc. 97 ft. over N. slope.
58.10	Draw, course E.; asc. 63 ft. over S. slope.
62.80	Point of spur, slopes E.; desc. 121 ft. over NE. slope.
69.90	Coon Creek. (dry) 20 lks. wide, course S. 50° E., U.S.F.S. trail along said creek. Asc. 273 ft. over SW. slope to sec. cor.
72.40	Draw, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, and in a mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap marked <div style="text-align: center;"> T5N R14E S 5 S 4 S 8 S 9 1938 </div> from which A black oak, 6 ins. diam., bears N. 58° E., 23 lks. dist., marked T5N R14E S4 BT.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

60

Chains	
	<p>An oak, 6 ins. diam., bears S. 68° E., 42 lks. dist., marked T5N R14E S9 BT.</p> <p>An oak, 8 ins. diam., bears S. 34° W., 42 lks. dist., marked T5N R14E S8 BT.</p> <p>No bearing tree available in sec. 5.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine and oak. Undergrowth, oakbrush and second growth timber.</p>
	<p>East, on random line, bet. secs. 4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line 8 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence
	S. 89°57' W. on true line, bet. secs. 4 and 9.
	Over mountainous land, thru dense timber and scattering undergrowth.
	Asc. 45 ft. over SE. slope.
6.40	Desc. 200 ft. over S. and SW. slopes to
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 4}{S 9}$
	1938
	from which.
	A yellow pine, 14 ins. diam., bears N. 82° E., 79 lks. dist., marked $\frac{1}{4}$ S4 BT.
	A yellow pine, 6 ins. diam., bears S. 9° W., 65 lks. dist., marked $\frac{1}{4}$ S9 BT.
	Desc. 714 ft. over SW. slope to sec. cor.
57.47	U.S.F.S. trail, bears N. 30° W. and S. 50° E.
63.40	Leave dense timber and scattering undergrowth, bearing NW, and SE. and enter scattering timber and dense undergrowth.
73.80	Head of draw, course SW.
80.10	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine and oak. Undergrowth, oakbrush, manzanita and laurel.
	N. 0°02' W. on random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.05	Intersect N. bdy. of the Tp. 22 lks. W. of the cor. of

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

61

Chains	
	secs. 4, 5, 32 and 33, hereinbefore described, Thence S. 0°07' W., on true line, bet. secs. 4 and 5. Over mountainous land, thru dense timber and scattering undergrowth. Asc. 10 ft. over NE. slope.
2.15	Point of spur, slopes E.; desc. 30 ft. over SE. slope.
4.35	Draw, course N. 70° E.; asc. 45 ft. over N. slope.
9.00	Ridge, bears W. and S. 80° E.; desc. 513 ft. over S. and SW. slopes to $\frac{1}{4}$ sec. cor.
18.75	U.S.F.S. trail, bears NE. and SW.
20.40	Draw, course SW.
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S5 S4 1938 from which A white oak, 12 ins. diam., bears N. 55° E., 24 lks. dist., marked $\frac{1}{4}$ S4 BT. A white oak, 20 ins. diam., bears S. 80$\frac{1}{2}$° W., 22 lks. dist., marked $\frac{1}{4}$ S5 BT. Desc. 42 ft. over SW. slope. </div>
42.45	U.S.F.S. trail, bears N. 50° W. and S. 50° E.
42.95	Small spring on line, in draw, course SW.; asc. 30 ft. over NW. slope.
43.32	Same trail, bears N. 70° E. and S. 70° W.
58.60	Same trail, bears N. 55° W. and S. 55° E. at rim of steep slope, same bearing; desc. 419 ft. over SW. slope.
60.00	Enter dense undergrowth.
68.90	Bottom of ravine, course S. 70° W.; asc. 138 ft. over steep N. slope.
72.30	Spur, slopes S. 70° W.; desc. 155 ft. over SW. slope to
80.05	The cor. of secs. 4, 5, 8, and 9. Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine and oak. Undergrowth, oakbrush, manzanita and laurel.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

From the std. cor. of secs. 31 and 32 on the S. bdy. of the Tp. (1st Std. Par. N.), which is an iron post, 3 ins. in diam., projecting 10 ins. above the ground, firmly set, marked on brass cap and witnessed as described in the official record.

N. 0°03' W. bet. secs. 31 and 32.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 474 ft. over steep broken SW. slope to spur.

1.00 Cliff, 50 ft. high, bearing NW. and SE.; facing SW..

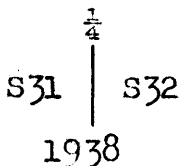
11.70 Cliff, 40 ft. high, bearing NW. and SE., facing SW..

15.00 Spur, slopes W.; desc. 276 ft. over broken NW. slope.

29.60 Bottom of ravine, course SW.; asc. 14 ft. over S. slope.

31.53 Desc. 50 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



No bearing trees available.

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

Ascend gradually along broken W. slope.

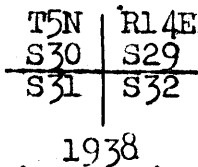
50.10 Bottom of ravine, 30 lks. wide, course S. 20° W.; asc. 576 ft. over SE. slope.

60.00 Narrow road, bears N. 69½° E. and S. 69½° W.

77.40 Point of spur, slopes SE.; desc. 14 ft. over NE. slope to

80.00 Head of draw, course SE.

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked



No bearing trees available.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, pinyon, oak and juniper.

Undergrowth, oakbrush, manzanita and cacti.

SURVEY; SUBDIVISION OF T. 5 N., R. 14 E.

63

Chains	East, on random line, bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line 6 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence
	S. $89^{\circ}57'$ W., on true line, bet. secs. 29 and 32.
	Over nearly level land on top of ridge bearing NW. and SE. thru scattering timber and dense undergrowth.
6.10	W. edge of top of ridge, and flat-topped spur sloping SW.; leave top of ridge and enter mountainous land; desc. 73 ft. over NW. slope.
20.10	Bottom of ravine, 20 lks. wide, course N. 60° W.; asc. 60 ft. over NE. slope.
25.90	Desc. 200 ft. over NW. slope to
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 29}{S\ 32}$
	1938
	No bearing trees available.
	Raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Desc. 227 ft. over NW. slope.
48.40	Bottom of ravine, course SW.; asc. 97 ft. over SE. slope.
51.30	Point of spur, slopes S.; desc. 140 ft. over broken SW. slope.
56.10	Draw, course S. 10° W.; asc. 25 ft. over SE. slope.
57.80	Trail, from a one room sheet iron shack about 4.00 chs. S. to asbestos mines about 10.00 chs. N.
57.90	Point of spur, slopes S.; desc. 51 ft. over SW. slope.
59.50	Wash, 40 lks. wide, course S. 6° W.; asc. 156 ft. over steep E. slope.
66.60	Spur, slopes S. 10° E.; desc. 60 ft. over SW. slope.
71.80	Wash, 30 lks. wide, course S. from N. 15° W.; asc. 157 ft. over E. slope to
80.12	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous. Soil, rocky, 4th rate. Timber, pinyon, oak and juniper. Undergrowth, oakbrush, manzanita and cacti.
	West, on random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect W. bdy. of the Tp. 12 lks. S. of the cor. of

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

64

Chains	secs. 25, 30, 31 and 36, hereinbefore described.
	Thence
	S. 89°55' E., on true line, bet. secs. 30 and 31.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 53 ft. over S. slope.
4.10	Desc. 218 ft. over SE. slope.
19.80	Wash, 30 lks. wide, course SW.; enter rolling land; asc. 131 ft. over SW. slope.
23.10	Graded county road (Globe to Young), bears N. 15° W. and S. 15° E.
28.10	Fence (4 wire) bears N. and S.; enter U.S.F.S. experimental plot, about 3 chs. long N. and S. and 1.80 chs. wide, E. and W.
29.90	Fence (4 wire), bears N. and S.; leave experimental plot.
35.60	Desc. 20 ft. over SE. slope.
37.10	Bottom of ravine, course S.; asc. 22 ft. over SW. slope to
39.92	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{l} S \ 30 \\ S \ 31 \end{array}$
	1938
	No bearing trees available.
	Raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor..
	Asc. 77 ft. over SW. slope.
50.60	Spur, slopes S. 20° W.; desc. 47 ft. over SE. slope.
62.50	Bottom of ravine, 20 lks. wide, course SW.; reenter mountainous land; asc. 305 ft. over SW. slope to
75.60	Spur, slopes SE. Thence across top of spur.
78.50	Leave top of spur; desc. 37 ft. over E. slope to
79.92	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, mesquite and palo verde. Undergrowth, oakbrush and cacti.
	N. 0°03' W. bet. secs. 29 and 30.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Asc. 119 ft. over E. slope.
16.40	Wash, 30 lks. wide, course S. 15° E.; asc. 325 ft. over SW. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains	
23.20	Spur, slopes SE. from W.; desc. 58 ft. over NE. slope.
27.80	Bottom of ravine, 20 lks. wide, course E. near head; asc. 63 ft. over SE. slope.
31.00	Spur, slopes E.; desc. 20 ft. over NE. slope.
35.00	Bottom of ravine, course E., near head, asc. 25 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \\ S30 \quad \quad S29 \\ \\ 1938 \end{array}$
	No bearing trees available.
	Asc. 98 ft. over SE. slope.
45.30	Saddle bearing NW. and SE.; asc. 478 ft. over broken SW. slope.
67.50	Spur, slopes S. 70° W.; desc. 448 ft. over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 19, 20, 29 and 30, with brass cap marked
	$\begin{array}{c} T5N \quad \quad R14E \\ S19 \quad \quad S20 \\ S30 \quad \quad S29 \\ \hline 1938 \end{array}$
	No bearing trees available.
	Land, mountainous. Soil, rocky, 4th rate. Timber, oak, pinyon and juniper. Undergrowth, oakbrush, manzanita and cacti.
	N. 89°57' E., on random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line 10 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	N. 89°59' W., on true line, bet. secs. 20 and 29.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Asc. 604 ft. over broken SE. slope.
25.60	Spur, slopes S. 21° E. from N. 35° W.; desc. 70 ft. over SW. slope.
30.50	Head of draw, course S.; asc. 35 ft. over SE. slope.

BOOK

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

66

Chains	
33.70	Desc. 112 ft. over SW. slope.
37.50	Head of draw, course S.; asc. 15 ft. over SE. slope.
39.50	Point of spur, slopes S.; desc. 8 ft. over SW. slope to
40.07	Head of drain, course S. 10° E.
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 20 S 29
	1938
	No bearing trees available.
	Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.
	Asc. 50 ft. over SE. slope.
44.20	Spur, slopes S. 6° W.; desc. 423 ft. over steep W. slope.
50.00	Bottom of ravine, course SW.; asc. 16 ft. over SE. slope.
51.30	Point of spur, slopes SW.; desc. 60 ft. over W. slope.
53.00	Bottom of ravine, 40 lks. wide, course S.; asc. 8 ft. over E. slope.
53.60	Point of spur, slopes S.; desc. 39 ft. over SW. slope.
54.10	Bottom of ravine, course S. 20° E.; asc. 354 ft. over SE. slope.
69.09	Spur, slopes S. 30° W.; desc. 451 ft. over steep NW. slope to
80.14	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper, oak and pinyon. Undergrowth, oakbrush, manzanita and cacti.
	N. 89°55' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.85	Intersect W. bdy. of the Tp. 11 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence
	East, on true line, bet. secs. 19 and 30.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Asc. gradually over SW. slope.
3.85	Wash, 30 lks. wide, course S. 10° W.; continue gradual ascent.
8.65	Wash, 40 lks. wide, course S. 15° W.; asc. 228 ft. over W. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

67

Chains	
31.00	Spur, slopes SW.; desc. 17 ft. over SE. slope.
32.30	Wash, 30 lks. wide, course SW.; asc. 191 ft. over W. slope to
39.85	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4} \begin{array}{l} S 19 \\ S 30 \end{array}$ 1938
	No bearing trees available.
	Raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Asc. 204 ft. over W. slope.
52.40	Spur, slopes SW.; desc. 120 ft. over broken SE. slope.
70.30	Wash, 50 lks. wide, course SW.; asc. 346 ft. over steep NW. slope to
79.85	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky, 4th rate. Timber, pinyon, juniper and oak. Undergrowth, oakbrush, manzanita and cacti.
	N. $0^{\circ}03'$ W. bet. secs. 19 and 20.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Desc. 218 ft. over steep NW. slope.
5.00	Wash, 30 lks. wide, course SW.; asc. 294 ft. over SE. slope.
10.20	Spur, slopes SW.; desc. 288 ft. over NW. slope.
16.10	Bottom of ravine, course SW.; asc. 911 ft. over steep S. slope.
37.00	Point of spur, slopes SE.; desc. 20 ft. over NE. slope.
38.80	Draw, course SE.; asc. 52 ft. over steep S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $S19 \quad \quad S20$ 1938
	No bearing trees available.
	Old asbestos mine buildings bear E. about 9.00 chs. dist.
	Asc. 287 ft. over steep S. slope.

ECO

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

68

Chains							
49.50	Ridge, bears N. 64° W. and S. 64° E. (Asbestos Point). Spur, slopes N. from the ridge about 2 chs. NW. from this point. Leave scattering timber and dense undergrowth and enter dense timber and scattering undergrowth. Desc. 113 ft. along E. slope of spur.						
64.30	Abandoned wagon road, bears NW. and SE.						
68.50	Desc. 290 ft. over steep NE. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T5N</td> <td>R14E</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> </table>	T5N	R14E	S18	S17	S19	S20
T5N	R14E						
S18	S17						
S19	S20						
	1938.						
	from which						
	A yellow pine, 28 ins. diam., bears N. 18½° E., 48 lks. dist., marked T5N R14E S17 BT.						
	An oak, 8 ins. diam., bears S. 74¼° E., 28 lks. dist., marked T5N R14E S20 BT.						
	A fir, 6 ins. diam., bears S. 42½° W., 54 lks. dist., marked T5N R14E S19 BT.						
	A juniper, 36 ins. diam., bears N. 67½° W., 41 lks. dist., marked T5N R14E S18 BT.						
	Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine, oak, fir, juniper and pinyon. Undergrowth, oakbrush, manzanita and cacti.						
40.00	S. 89°59' E., on random line, bet. secs. 17 and 20. Set temp. ¼ sec. cor.						
80.14	Intersect N. and S. line 4 lks. S. of the cor. of secs. 16, 17, 20 and 21. Thence S. 89°59' W., on true line, bet. secs. 17 and 20. Over mountainous land, thru dense timber and scattering undergrowth. Desc. 20 ft. over SW. slope.						
0.70	Wash, 30 lks. wide, course SE.; asc. 518 ft. over steep broken E. slope to ridge.						
10.90	Cliff, 150 ft. high, bearing N. and S., facing E., forming E. edge of top of ridge. Thence across nearly level top of ridge, bearing N. and S.						
20.37	Leave top of ridge; desc. 835 ft. over W. slope to ¼ sec. cor.						
25.70	U.S.F.S. trail, bears NE. and S.						
28.50	Cliff, 40 ft. high, bearing SE. and N., facing W.						

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

69

Chains

- 38.00 U.S.F.S. trail, bears N. 20° W. and S. 20° W.
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S 17}{S 20}$
- 1938
- from which
- A white oak, 6 ins. diam., bears N. 40° E., 12 lks. dist., marked $\frac{1}{4}$ S17 BT.
- A yellow pine, 6 ins. diam., bears S. 17° W., 36 lks. dist., marked $\frac{1}{4}$ S20 BT.
- Desc. 49 ft. over W. slope.
- 41.80 Rocky wash, 10 lks. wide, course N. 70° W.; desc. 122 ft. over NW. slope.
- 55.10. Pocket Creek (dry) 15 lks. wide, course N. 20° W.; asc. 195 ft. over NE. slope.
- 57.60 Narrow road, from asbestos mines to the Globe-Young road, bears N. 20° W. and S. 20° E.
- 66.20 Spur, slopes N. 20° W.; desc. 22 ft. over NW. slope.
- 66.90 Telephone line (2 wire) bears N. 23° W. and S. 23° E.
- 67.40 Draw, course N. 20° W.; abandoned power transmission line, bears N. 23° W. and S. 23° E.; asc. 187 ft. over NE. slope to
- 80.14 The cor. of secs. 17, 18, 19 and 20.
- Land, mountainous.
Soil, rocky, 4th rate.
Timber, yellow pine, fir, oak, juniper and pinyon.
Undergrowth, oakbrush and manzanita.
-
- West, on random line, bet. secs. 18 and 19.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.77. Intersect W. bdy. of the Tp. 4 lks. N. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
- Thence
- N. 89°58' E., on true line, bet. secs. 18 and 19.
- Over mountainous land, thru scattering timber and dense undergrowth.
- Asc. 46 ft. over NW. slope to
- 1.90 Drain, course NW.; asc. 837 ft. over NW. slope.
- 29.60 Spur, slopes SW.; asc. 35 ft. over S. slope.
- 37.90 Desc. 11 ft. over SE. slope to
- 39.77 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

70

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 18}{S 19}$$

1938

No bearing trees available.

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

Desc. 11 ft. over SE. slope.

41.50 Drain, course S.; asc. 225 ft. over SW. slope.

54.80 Leave scattering and enter dense timber, bears NW. and SE.

55.80 Ridge, bears NW. and SE.; desc. 115 ft. over NE. slope.

69.70 Bottom of ravine, course N.; asc. 25 ft. over NW. slope.

70.50 Point of spur, slopes N.; desc. 8 ft. over NE. slope.

71.60 Bottom of ravine, course N.; asc. 140 ft. over NW. slope.

78.20 Spur, slopes N.; desc. 21 ft. over NE. slope to

79.77 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, pinyon, oak and juniper.

Undergrowth, oakbrush and manzanita.

N. $0^{\circ}03'$ W. bet. secs. 17 and 18.

Over mountainous land, thru dense timber and scattering undergrowth.

Desc. 397 ft. over NE. slope.

16.20 Draw, course NW.; desc. 388 ft. over NW. slope.

30.60 Narrow road, from the Globe-Young road to asbestos mines, bears N. $43\frac{1}{2}^{\circ}$ W. and S. $43\frac{1}{2}^{\circ}$ E.32.00 Power line (5 wire), bears N. $43\frac{1}{2}^{\circ}$ W. and S. $43\frac{1}{2}^{\circ}$ E.33.20 Pocket Creek (dry) 25 lks. wide, course N. $43\frac{1}{2}^{\circ}$ W.; asc. 171 ft. over SW. slope to $\frac{1}{4}$ sec. cor.

35.85 U.S.F.S. trail, bears NW. and SE.

37.35 U.S.F.S. trail, bears W. about 1.00 ch. to junction with above trail and E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 18}{S 17}$$

1938

No bearing trees available.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

71

Chains Asc. 248 ft. over SW. slope to spur.
 41.60 Draw, course SW.
 52.40 Spur, slopes W.; desc. 181 ft. over NW. slope.
 57.50 Wash, 20 lks. wide, course W.; asc. 15 ft. over SW. slope.
 58.00 Point of spur, slopes W.; desc. 12 ft. over NW. slope.
 58.70 Draw, course SW.; asc. 48 ft. over S. slope.
 61.60 Point of spur, slopes W.; desc. 14 ft. over NW. slope.
 62.70 Draw, course SW.; asc. 455 ft. over SW. slope to sec. cor.
 69.60 U.S.F.S. trail, bears E. and W..
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T5N	R14E
S7	S8
S18	S17

1938

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, pinyon, oak and juniper.

Undergrowth, oakbrush, manzanita, laurel, locust and cacti.

N. 89°59' E., on random line, bet. secs. 8 and 17.

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

80.06 Intersect N. and S. line 5 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

S. 89°57' W., on true line, bet. secs. 8 and 17.

Over mountainous land, thru dense timber and scattering undergrowth.

Asc. 232 ft. over NE. slope.

14.16 E. edge of top of ridge, bears N. 60° W. and S. 60° E.; U.S.F.S. trail bears N. 75 $\frac{1}{2}$ ° W. and S. 60° E. Thence across nearly level top of ridge.

22.50 Leave top of ridge, bears NW. and SE.; desc. 273 ft. over broken SW. slope.

30.50 Leave dense timber and scattering undergrowth, bears NW. and SE. and enter scattering timber and dense undergrowth.

36.50 Bottom of ravine, course S.; asc. 45 ft. over SE. slope to

40.03 Spur slopes S.

Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) marked on exposed bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

72

Chains	
	$\frac{1}{4} \frac{S 8.}{S 17}$ <p>1938</p> <p>No bearing trees available.</p> <p>Desc. 66 ft. over SW. slope.</p>
45.80	Bottom of ravine, course SW.; asc. 81 ft. over SE. slope.
50.60	Spur, slopes S. 30° W.; desc. 684 ft. over broken SW. slope to sec. cor.
58.90	Cliff, 100 ft. high, bears NW. and SE., facing SW.
80.06	The cor. of secs. 7, 8, 17 and 18.
	<p>Land, mountainous.</p> <p>Soil, rocky, 4th rate.</p> <p>Timber, yellow pine, oak, juniper and pinyon.</p> <p>Undergrowth, oakbrush, manzanita and cacti.</p>
	S. 89°58' W., on random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
79.72	Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.
	Thence
	N. 89°59' E., on true line, bet. secs. 7 and 18.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend gradually over S. slope to
4.70	Desc. 180 ft. over SE. slope.
15.00	Bottom of ravine, 20 lks. wide, course S.; asc. 109 ft. over W. slope.
20.20	Spur, slopes S. 30° W.; desc. 24 ft. over SE. slope.
26.10	Bottom of ravine, 15 lks. wide, course S. 30° W.; asc. 264 ft. over W. slope to.
39.72	Spur, slopes S. Set an iron post, 3 ft. long, 1 in. in diam.; 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 7.}{S 18}$ <p>1938</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Desc. 74 ft. over SE. slope.</p>
44.50	Bottom of ravine, 15 lks. wide, course SW.; asc. 133 ft. over W. slope.
47.90	U.S.F.S. trail, bears N. and S.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains

- 49.20 Spur, slopes SW.; desc. 76 ft. over SE. slope.
- 54.70 Bottom of ravine, 30 lks. wide, course SW.; asc. 769 ft. over SW. slope to sec. cor.
- 56.10 A point 10 lks. N. of bend in U.S.F.S. trail, bearing SW. and SE.
- 79.72 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, oak, pinyon, juniper and sycamore.
 Undergrowth, oakbrush, manzanita, laurel, locust and eacti.

N. 0°03' W. bet. secs. 7 and 8.

Over mountainous land, thru scattering timber and dense undergrowth.

Asc. 28 ft. over SW. slope to

- 1.30 Point of spur, slopes SW.; desc. 260 ft. over NW. slope.

- 22.80 Wash, course SW. Discontinue chaining at this point as the line ahead crosses precipitous cliffs, facing S. Triangulate measurement to top of cliffs as follows: Designate 1.30 ch. station on sec. line as "A".

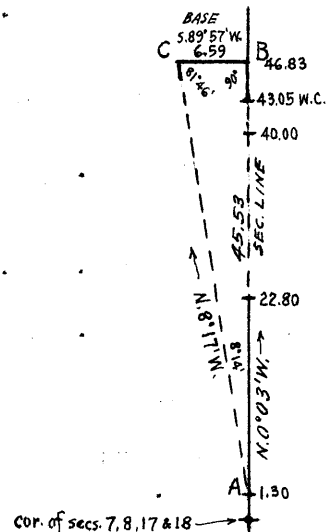
Set flag "B" ahead on sec. line on top of ridge beyond the top of the cliffs.

Vertical angle "A" to "B" is +14½°.

From "B" chain a base S.89°57' W., 6.59 chs. to point "C" which bears N.8°17' W. from "A".

A longer base was impracticable to chain.

Included angles of triangle "A-B-C" are, 8°14', 90°00' and 81°46', the sum of which is 180°00'.



Chained dist. on sec. line

to "A" = 1.30 chs. N. 0°03' W.

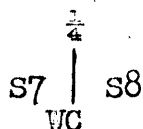
Triang. dist. from "A"

to "B" = 45.53 chs. N. 0°03' W.

Dist. sec. cor. to "B" = 46.83 chs. N. 0°03' W.

- 40.00 True point for ¼ sec. cor. is on face of cliffs and is inaccessible, therefore establish witness cor. at 3.05 chs. N. 0°03' W., by return chaining 3.78 chs. S. 0°03' E. from triangulation point "B".

- 43.05 Top of cliffs, bearing E. and W., facing S. about 1050 ft. above wash at 22.80 ch. station. Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for witness cor. to ¼ sec. cor., with brass cap marked



1938

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

74

Chains

from which

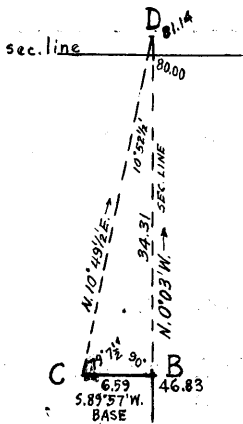
A pinyon, 6 ins. dian., bears S. 40° E., 79 lks. dist., marked WC 1/4 S8 BT.

No other bearing tree available.

Asc. 120 ft. over S. slope.

46.83

Triangulation point "B" on top of ridge, bearing E. and W. The sec. line beyond this point crosses Parker Creek Canyon, and precipitous slopes render accurate chaining impracticable, therefore triangulate measurement of the remainder of the line as follows:



Set flag "D" N. 0°03' W., near point for cor. of secs. 5, 6, 7 and 8. Use same base (B-C) which was used in the triangulation hereinbefore described.

Vertical angle "B" to "D" is -1 3/4°. Flag "D" bears N. 10°49 1/2' E. Included angles of the triangle "B-C-D" are 90°00', 79°7 1/2' and 10°52 1/2', the sum of which is 180°00'.

Dist. on sec. line to "B" = 46.83 chs. N. 0°03' W.

Triang. dist. "B" to "D" = 34.31 chs. N. 0°03' W.

Dist. cor. of secs. 7, 8, 17 and 18 to triang. point "D" = 81.14 chs. N. 0°03' W.,

therefore point "D" is 1.14 chs. N. 0°03' W. from point for cor. of secs. 5, 6, 7 and 8.

From 46.83 ch. station, descend about 475 ft. over precipitous broken N. slope.

70.50

(Approx.) U.S.F.S. trail, bears NE. and SW.

71.00

(Approx.) Parker Creek (dry) 20 lks. wide, course SW. in bottom of canyon. Ascend about 400 ft. over precipitous broken S. slope to sec. cor.

From triangulation point "D" chain measurement 1.14 chs. S. 0°03' E. to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (+) at base, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap marked

T5N	R14E
S6	S5
S7	S8

1938

No bearing trees available.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, yellow pine, pinyon, oak, juniper and fir.
Undergrowth, oakbrush, manzanita, catclaw and cacti.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

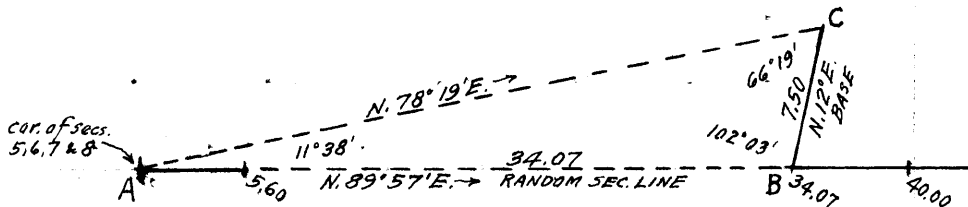
Chains

N. 89°57' E., on random line, bet. secs. 5 and 8.

5.60

Top of cliffs, bearing NE. and SW., facing SE.

Beyond this point the line crosses precipitous slopes in Parker Creek Canyon and chaining is impracticable, therefore triangulate as follows:



Designate cor. of secs. 5, 6, 7 and 8 as triang. point "A". Set flag "B" ahead at E. rim of canyon, the vertical angle to which from "A" is +5½°. From "B" chain a base N. 12° E., 7.50 chs. along E. rim of canyon and set flag "C" which bears N. 78°19' E. from "A". The included angles of triangle "A-B-C" are 11°38', 102°03' and 66°19', the sum of which is 180°00'.

Triangulated dist. A. to B = 34.07 chs. N. 89°57' E.

34.07

Triang. point "B". Continue line and measurement by chaining.

40.00

Set temp. ¼ sec. cor.

80.00

Intersect N. and S. line 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S. 89°56' W., on true line, bet. secs. 5 and 8.

Over mountainous land, thru dense timber and scattering undergrowth.

Desc. 177 ft. over SW. slope.

7.45

Coon Creek (dry) 30 lks. wide, course SE.; asc. 734 ft. over NE. slope to ¼ sec. cor.

7.60

U.S.F.S. trail, bears NW. and SE.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

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

1938

from which

A yellow pine, 6 ins. diam., bears N. 77° E., 14 lks. dist., marked ¼ S5 BT.

A yellow pine, 10 ins. diam., bears S. 21° E., 26 lks. dist., marked ¼ S8 BT.

Asc. 221 ft. over NE. slope to

44.50

E. edge of top of ridge, bears N. 12° E. and S. 8° E.; thence across nearly level top of ridge.

45.67

U.S.F.S. trail, bears N. 12° E. and S. 8° E.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

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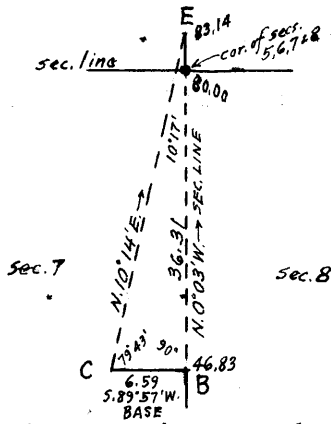
Chains	
45.90	Fence (4 wire) bears N. 12° E. and S. 8° E.
46.00	W. edge of top of ridge and E. rim of Parker Creek Canyon, bears N. 12° E. and S. 8° E. Discontinue chaining. Measurement across canyon by triangulation hereinbefore described. Desc. about 400 ft. over precipitous W. slope.
56.00	(Approx.) U.S.F.S. trail, bears N. and S.
61.50	(Approx.) Parker Creek (dry), 20 lks. wide, in bottom of canyon, course S. for about one chain, thence S. 60° W. Leave dense timber and scattering undergrowth and enter scattering timber and dense undergrowth. Asc. about 160 ft. over cliffs facing SE.
74.40	Top of cliffs, bearing NE. and SW. facing SE. Resume chaining. Asc. gradually over S. slope to
80.00	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine, pinyon, oak and juniper. Undergrowth, oakbrush, manzanita and catclaw.
	S. 89°59' W., on random line, bet. secs. 6 and 7.
12.34	Top of a series of cliffs, bears NW. and SE., facing SW. Beyond this point the line crosses cliffs and chaining is impracticable, therefore triangulate as follows:
	Designate 12.34 ch. station as "A". Set flag "B" ahead on random line the vertical angle to which is -21°. From "B" chain a base S. 24°08' E., 12.934 chs. and set flag "C" which bears S. 67°27' W. from "A". Included angles of triangle "A-B-C" are, 22°32', 65°53' and 91°35', the sum of which is 180°00'.
	Chained dist. on random line to "A" = 12.34 chs. S. 89°59' W. Triangulated dist. " " A to B = 33.74 chs. S. 89°59' W.
	Dist. on random line to "B" = 46.08 chs. S. 89°58' W.
	From "B" chain measurement 6.08 chs. N. 89°59' E. to
40.00	Set temp. $\frac{1}{4}$ sec. cor. Thence S. 89°59' W., on random line, continuing measurement from sec. cor.
46.08	Triangulation point "B". Continue chaining.
79.85	Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 1, 6, 7 and 12 hereinbefore described.
	Thence

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains	
	East, on true line, bet. secs. 6 and 7. Over mountainous land, thru dense timber and undergrowth. Asc. 59 ft. over NW. slope.
4.20	Desc. 20 ft. over NE. slope.
8.50	Draw, course N.; asc. 42 ft. over NW. slope.
14.00	Desc. 35 ft. over NE. slope.
15.10	U.S.F.S. trail, bears N. 80° W. and S. 60° E.
15.80	Parker Creek (dry) 40 lks. wide, course N. 80° W. from S. 60° E. Leave dense and enter scattering timber. Asc. 468 ft. over SW. slope.
24.90	U.S.F.S. trail, bears NW. and SE. Rain gauge bears N. 45° W., 90 lks. dist.
34.30	Power line (2 wire) bears NE. and S.; serving automatically recording rain gauges.
36.90	U.S.F.S. trail, bears NW. and SE.
39.85	Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) marked on exposed bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked $\frac{1}{4} \frac{S 6}{S 7}$ 1938 No bearing trees available. Discontinue chaining. Measurement to 67.51 ch. station by triangulation hereinbefore described. Asc. about 175 ft. over SW. slope to
51.50	(Approx.) Foot of cliffs, bearing NW. and SE.; asc. about 600 ft. over a series of cliffs facing SW.
67.51	Top of cliffs, bearing NW. and SE. facing SW. Resume chaining. Asc. 40 ft. over steep S. slope to
79.85	The cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, rocky, 4th rate. Timber, yellow pine, pinyon, oak, fir and juniper. Undergrowth, oakbrush, manzanita, wild grape and cacti.
	N. 0°03' W., on random line, bet. secs. 5 and 6.
1.14	Triang. point "D" of 2nd triangulation hereinbefore described on line bet. secs. 7 and 8. Continue chaining to
1.47	Base of almost perpendicular cliff about 300 ft. high, facing S. It is impracticable to chain measurement to top of cliff, therefore triangulate as follows: Use the base "B-C" chained S. 89°57' W., 6.59 chs. from 46.83 ch. station on line bet. secs. 7 and 8.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains



Set flag "E" ahead on random line at top of cliffs, the vertical angle to which from point "B" is + 3°.

From point "C" the flag "E" bears N. 10° 14' E.

Included angles of triangle "B-C-E" are, 90° 00', 79° 43' and 10° 17', the sum of which is 180° 00'.

Dist. on sec. line bet. secs. 7 and 8 to "B" = 46.83 chs. N. 0° 03' W.
 Triang. dist. from "B" to "E" = 36.31 chs. N. 0° 03' W.

Dist. cor. of secs. 7, 8, 17 and 18 to "E" = 83.14 chs. N. 0° 03' W.
 Bet. secs. 7 and 8 = 80.00 chs. N. 0° 03' W.

Cor. of secs. 5, 6, 7 and 8 to "E" = 3.14 chs. N. 0° 03' W.

- 3.14 Triang. point "E". Resume chaining and continue line and measurement.
- 40.00 Set temp. 1/4 sec. cor.
- 80.07 Intersect N. bdy. of the Tp. 44 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
 Thence
 S. 0° 16' W., on true line, bet. secs. 5 and 6.
 Over mountainous land, thru dense timber and scattering undergrowth.
 Ascend 40 ft. over NE. slope.
- 7.70 Ridge, bears NW. and E.; desc. 467 ft. over S. slope to 1/4 sec. cor.
- 32.00 Fence (4 wire) bears E. and NW.
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4
 S6 | S5
 1938

 from which
 A yellow pine, 6 ins. diam., bears N. 27 1/2° E., 68 lks. dist., marked 1/4 S5 BT.
 A yellow pine, 18 ins. diam., bears N. 8 1/2° W., 51 lks. dist., marked 1/4 S6 BT.
- Desc. 161 ft. over S. slope.
- 40.60 U.S.F.S. trail, bears E. and W.
- 51.50 Wash, 40 lks. wide, course E.; asc. 75 ft. over N. slope.
- 54.60 Spur, slopes E.; desc. 63 ft. over S. slope.

SURVEY: SUBDIVISION OF T. 5 N., R. 14 E.

Chains	
59.80	Bottom of ravine, 30 lks. wide, course N. 70° E., near head; asc. 88 ft. over N. slope to
65.20	Rim of bench, bears E. and W. Thence over nearly level land on bench.
76.60	Leave dense and enter scattering timber.
76.93	Top of cliff, about 300 ft. high, bearing E. and W., facing S. Leave bench and descend over face of cliff. Measurement by triangulation hereinbefore described.
78.60	Base of cliff, bears E. and W. Resume chaining. Desc. 50 ft. over steep S. slope to
80.07	The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, yellow pine, pinyon, oak, juniper and fir.
 Undergrowth, oakbrush, manzanita and locust.

GENERAL DESCRIPTION

Surface: The area surveyed lies on the slopes of the Sierra Ancha Mountains, about 25 miles north-westerly from Globe, Arizona. The township comprises the southern slopes of these mountains, the main divide of which lies in T. 6 N., R. 14 E. The south portion of the township is rolling grazing land, while the north and central portions are rough and mountainous. Elevations vary from about 4000 ft. along the South boundary to about 7000 ft. above sea level along the North boundary of the township, with Aztec Peak in sec. 3, the highest point in the township, rising to 7,700 ft. Other prominent mountains within the township are, Asbestos Point in sec. 20, Zimmerman Point in sec. 20 and Coon Creek Butte in sec. 22.

Soil: The soil is rocky and granitic sand, 4th rate.

Timber: There is a good, heavy growth of yellow pine, pinyon, white fir, spruce and various oaks on the mountain tops and along the North boundary. Along the washes there is found cottonwood, sycamore, walnut, oak and maple. The southern sections support a sparse growth of paloverde.

Undergrowth: Thru the central sections and on the mountain slopes there is a dense growth of oak brush, buckbrush, manzanita and laurel, with a scattering growth of catclaw and cacti.

Roads: A graded road from Globe to Young runs diagonally thru sec. 30 and 31. Rough narrow mountain roads connect mines in sec. 20 and in sec. 29 with the Globe-Young road.

Settlement: In the SW. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of sec. 31 there is a small ranch and dwelling owned by W.N. Boyd. In the NE. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of sec. 32 there is a cabin locally known as Kyles Camp. There are no settlers elsewhere in the township.

Water: With the exception of the SE. portion there are numerous active, improved springs throughout the township which furnish the water for the stock grazing engaged in.

Mineral: Producing asbestos mines are located in secs. 20 and 29.

General: Range cattle are run throughout the township. A considerable amount of fence has been built incidental to this enterprise, and several trails provide easy access to the range riders. A heavy stand of commercial yellow pine is found in the north tier of sections.

Mean Magnetic Declination: $14\frac{1}{2}^{\circ}$.

FINAL TESTS OF INSTRUMENTS.

The continued satisfactory adjustment of the transits used in the surveys described in the foregoing field notes, throughout said surveys, is indicated from the preliminary tests of same described in the field notes of survey of Township No. 6 North, Range No. 14 East.

4-680
(Revised May 1934)

FIELD ASSISTANTS

Norville E. Shearer _____ Public Land Surveyor

NAMES	CAPACITY
Clark Blevins	Principal Assistant
Jack Bowker	Chainman
Charles F. Bobo, Jr.	Chainman
James Pearce	Cornerman
Samuel A. Wright	Cornerman
Ernest Crofford	Axman
Ernest Durrazzo	Axman
Glem P. Snyder	Flagman

2578

51 BOOK 4191

CERTIFICATE OF UNITED STATES SURVEYOR

I, Norville E. Shearer, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions bearing date of the 28th day of April, 1938, received from the district cadastral engineer for Arizona, with assignment instructions dated May 12, 1938, I have surveyed part of the Subdivision lines of Township No. 5 North, Range No. 14 East

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona January 24, 1939 Norville E. Shearer Public Land Surveyor

CERTIFICATE OF APPROVAL

Office of U.S. Supervisor of Surveys

19

The foregoing field notes of the survey of

executed by under special instructions dated and assignment instructions dated having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

U.S. Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys

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CERTIFICATE OF UNITED STATES SURVEYOR

I, Frank Kennon, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions bearing date of the 28th day of April, 1938, received from the district cadastral engineer for Arizona, with assignment instructions dated May 12, 1938, I have surveyed part of the Subdivision lines of Township No. 5 North, Range No. 14 East

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona
January 4, 1939

Frank Kennon
Public Land Surveyor

CERTIFICATE OF APPROVAL

Office of U.S. Supervisor of Surveys,

19

The foregoing field notes of the survey of

executed by, under special instructions dated, and assignment instructions dated, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

U.S. Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys

~~CERTIFICATE OF UNITED STATES SURVEYOR~~

I, Ty White, Public Land Surveyor, HEREBY CERTIFY upon honor that, in
 pursuance of ^{supplemental} special instructions bearing date of the 28th day of April, 1938,
 received from the district cadastral engineer for Arizona, with assignment
 instructions dated May 12, 1938, I have surveyed
the West and North boundaries of
Township No. 5 North, Range No. 14 East

of the Gila & Salt River Meridian, in the State of Arizona, which are
 represented in the foregoing field notes as having been executed by me and under my direction; and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona
June 12, 1939

Ty White
Public Land Surveyor

~~CERTIFICATE OF APPROVAL~~

OFFICE OF THE SUPERVISOR OF SURVEYS,
Denver, Colorado

The foregoing field notes of the survey of the West boundary, North boundary
and Subdivision lines of
Township No. 5 North, Range No. 14 East
of the Gila and Salt River Meridian in the State of Arizona
 executed by Ty White, Norville E. Shearer and Frank Kennon, Public Land
^{supplemental} Surveyors
 under special instructions dated April 28, 1938 for Gp. 223, Arizona, and assignment
 instructions dated May 12, 1938, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Walter A. Johnson
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

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