

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4205

FIELD NOTES

OF RESURVEY OF

Part of North boundary of Frac. T. 14 1/2 N., R. 6 W.

Part of West boundary of T. 15 N., R. 5 W.

Part of West boundary of T. 16 N., R. 5 W.

and

Parts of South and East boundaries of T. 15 N., R. 6 W.

AND OF SURVEY OF

Part (completion) of South boundary

Part (completion) of East boundary

and

All of the Subdivision lines of

Township No. 15 North, Range No. 6 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Ty White

Armand F. Allard and Norville E. Shearer

Public Land Surveyors

Under special instructions dated July 19, 1937, which provided for the surveys included under Group No. 220 Ariz., bearing the approval of the Commissioner of the General Land Office under date of July 30, 1937 and assignment instructions dated Oct. 14 & 28 and Nov. 8, 1937.

Resurvey and Survey commenced November 8, 1937

Resurvey and Survey completed December 26, 1937

4205

4205

INDEX DIAGRAM.*Township* -----, *Range* -----

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INDEX-DIAGRAM

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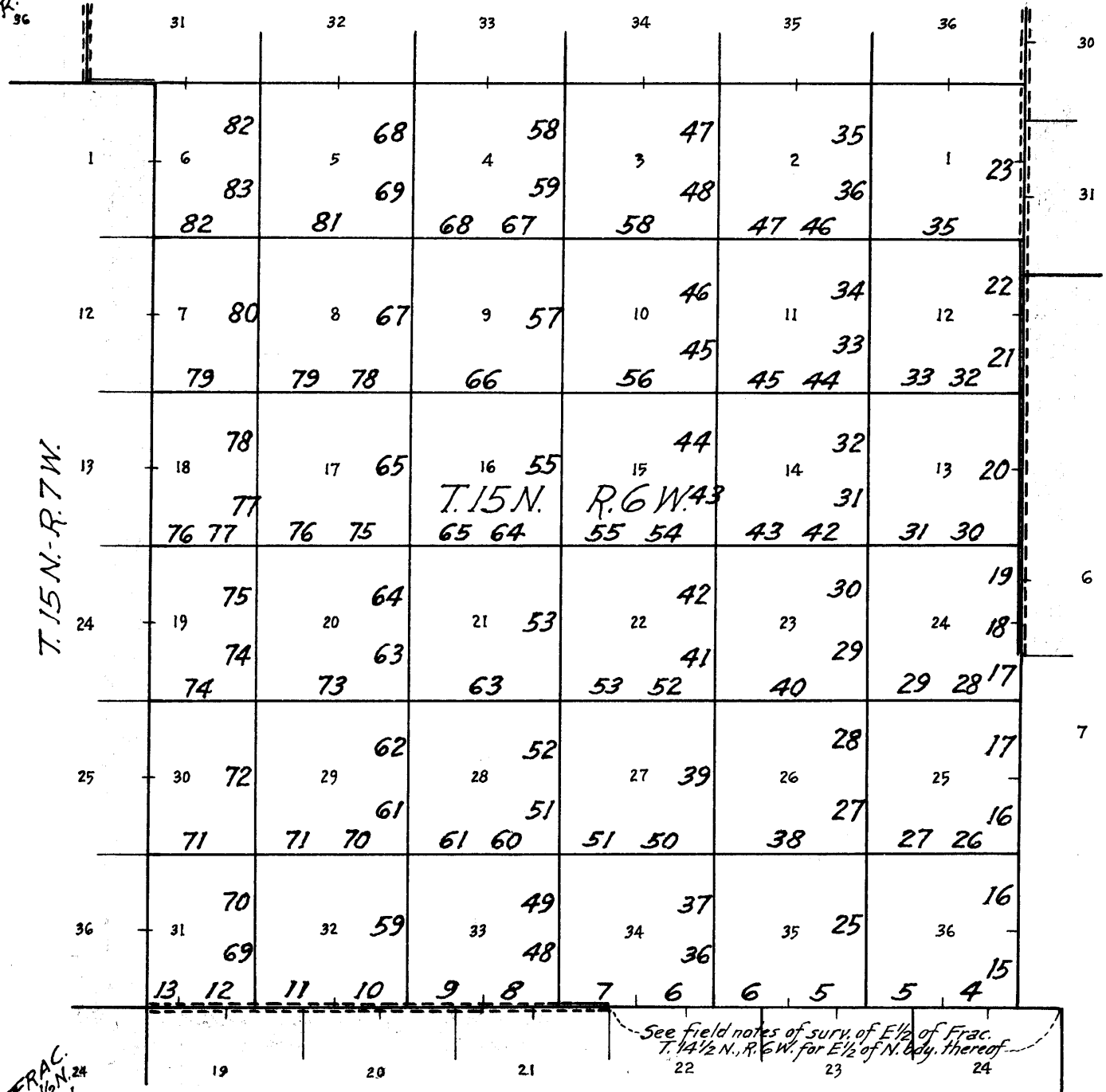
T.16 N.
R.7 W.
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T.16 N.-R.6 W.

T.16 N.-R.5 W.

T.15 N.-R.7 W.

T.15 N.-R.5 W.



FRAC.
T.14 1/2 N.
R.7 W.

FRAC. T.14 1/2 N.-R.6 W.

- Lines of accepted surveys.
- Lines surveyed under this group.
- Lines surveyed under this group, along lines of accepted surveys.
- ==== or ===== } Lines resurveyed under this group.
- Areas surveyed as per accepted plats on file.

The resurveys and surveys herein described were executed by Ty White, Norville E. Shearer, and Armand F. Allard, Public Land Surveyors, using, respectively, Buff and Buff transits Nos. 18002 and 10125, and Young & Sons transit No. 8544. 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 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 lks., and the remainder at intervals of 10 lks. 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

Nov. 7, 1937, at camp in SE $\frac{1}{4}$ of sec. 22, T. 16 N., R. 6 W., G. & S. R. Meridian, Arizona, latitude 34° 45' N., longitude 112° 53' W., to test the solar apparatus of Buff and Buff transit No. 18002 by comparing its indications with a true meridian established at this station on Oct. 31, 1937 by Polaris observation, as described in the field notes of T. 16 N., R. 6 W., proceed as follows:

at 8h. 30m., a.m., app.t., set off 34° 45' N. on the lat. arc; 16° 15 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

at app. noon, with the lat. arc unchanged; observe the sun on the meridian, and obtain a reading of 16° 18 $\frac{1}{2}$ ' S. on the decl. arc, which agrees closely with the computed declination of the sun.

at 3h. 30m., p.m., app.t., with the lat. arc unchanged; set off 16° 18 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all solar observations made during the usual hours of solar work come within 1' 30" of the true meridian, conclude that this instrument is in satisfactory adjustment prior to beginning the surveys with same which are described in the following field notes.

Young and Sons transit No. 8544.
Armand F. Allard, Public Land Surveyor.

Nov. 26, 1937, at camp in NW $\frac{1}{4}$ of sec. 23, T. 15 N., R. 6 W., G. & S. R. Meridian, Arizona, latitude 34° 40 $\frac{1}{2}$ ' N.,

longitude $112^{\circ} 52'$ W., examine the adjustments of Young & Sons transit No. 8544 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:

at 4h. 45.8m., p.m., l.m.t., make an hour angle observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, and recording the horizontal angles thus determined by reference to a flag set about 15 chs. north.

Watch reads correct 105th meridian time by comparison with a Western Union Telegraph Co. clock.

Mean watch time of observations	5h. 17.2m. p.m.
Watch fast of l.m.t.	31.4m.
Mean horizontal angle from Polaris W. to reference point	$1^{\circ} 10' 07''$
Azimuth of Polaris E.	$1^{\circ} 10' 18''$
True bearing of reference point	N. $0^{\circ} 00' 11''$ E.

Nov. 27, 1937, at same station, at 8h. 30m., a.m., app.t., set off $34^{\circ} 40\frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 05\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

at app. noon, with the lat. arc unchanged; observe the sun on the meridian, and obtain a reading of $21^{\circ} 08\frac{1}{2}'$ S. on the decl. arc, which agrees with the computed declination of the sun.

at 3h. 30m., p.m., app.t., with the lat. arc unchanged; set off $21^{\circ} 09'$ S. on the decl. arc; and determine a meridian with the solar which agrees with the true meridian.

As all solar observations made during the usual hours of solar work come within $1' 30''$ of the true meridian, conclude that this instrument is in satisfactory adjustment prior to beginning the surveys with same which are described in the following field notes.

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

Dec. 6, 1937, at same station, and using the same reference point, test the solar apparatus of Buff and Buff transit No. 10125 as follows:

at 9h. 00m., a.m., app.t., set off $34^{\circ} 40\frac{1}{2}'$ N., on the lat. arc; $22^{\circ} 28'$ S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

at app. noon, with the lat. arc unchanged; observe the sun on the meridian, and obtain a reading of $22^{\circ} 29\frac{1}{2}'$ S. on the decl. arc, which agrees with the computed declination of the sun.

at 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off $22^{\circ} 30'$ S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all solar observations made during the usual hours of solar work come within $1' 30''$ of the true meridian, conclude that this instrument is in satisfactory adjustment prior to beginning the surveys with same which are described in the following field notes.

Resurvey: W. $\frac{1}{2}$, and Survey: E. $\frac{1}{2}$ of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. $\frac{1}{2}$ of North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

3.

Chains

The W. $\frac{1}{2}$ of S. bdy. of T. 15 N., R. 6 W., was surveyed due East, by J. F. Hesse, U.S.S. in 1915, establishing $\frac{1}{4}$ sec. and sec. cor. monuments, alternately, at 40 ch. intervals, with common reference to areas in Frac. T. 14 $\frac{1}{2}$ N., and T. 15 N., R. 6 W.

No retracement or resurvey of any part of this line, nor of survey of E. $\frac{1}{2}$ of the Tp. bdy., is of record.

The following notes describe a resurvey of the W. $\frac{1}{2}$ of S. bdy. of T. 15 N., R. 6 W., reestablishing $\frac{1}{4}$ sec. and sec. cors. thereon, with reference to areas N. of line, in alinement between the existing cors., at intervals controlled by the SE. cor. of T. 15 N., R. 6 W.; a survey of the E. $\frac{1}{2}$ of S. bdy. of same township; establishing the said Tp. cor. at intersection of cardinal random lines from the cor. of secs. 21, 22, 33 and 34 on S. bdy., and point for cor. of secs. 1, 6, 7 and 12 on E. bdy., and establishing $\frac{1}{4}$ sec. and sec. cors., alternately, with reference to areas N. of line, only, at 40 ch. intervals W. from said Tp. cor.; and a resurvey of W. $\frac{1}{2}$ of N. bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., accomplished by altering all of the existing sec. and $\frac{1}{4}$ sec. cor. monuments thereon, to refer to areas S. of line only.

The E. $\frac{1}{2}$ of N. bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. was later surveyed under this group, as described in the field notes of completion survey of said fractional township.

Retracement for Resurvey.

From the cor. of Ts. 14 $\frac{1}{2}$ and 15 N., Rs. 6 and 7 W., East, on random line, N. of sec. 19 (W. $\frac{1}{2}$).

40.07 A point 5 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 19 and 31. True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 19 are, therefore, S. 89° 56' W., 40.07 chs.

From $\frac{1}{4}$ sec. cor.,

East, on random line, N. of sec. 19 (E. $\frac{1}{2}$).

39.97 A point 5 lks. S. of the cor. of secs. 19, 20, 31 and 32. True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 19 are, therefore, S. 89° 56' W., 39.97 chs.

East, on random line, N. of sec. 20 (W. $\frac{1}{2}$)

39.93 A point 6 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 20 and 32. True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 20 are therefore, S. 89° 55' W., 39.93 chs.

From $\frac{1}{4}$ sec. cor.,

East, on random line, N. of sec. 20 (E. $\frac{1}{2}$).

39.99 A point 3 lks. S. of the cor. of secs. 20, 21, 32 and 33. True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 20 are therefore, S. 89° 57' W., 39.99 chs.

Resurvey: W. $\frac{1}{2}$, and Survey: E. $\frac{1}{2}$ of South bdy. of T. 15 N., R. 6 W.,
and Resurvey: W. $\frac{1}{2}$ of North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

4.

Chains	East, on random line, N. of sec. 21 (W. $\frac{1}{2}$).										
40.09	A point 5 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 21 and 33. True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 21 are therefore, S. 89° 58' W., 40.09 chs. From $\frac{1}{4}$ sec. cor. East, on random line, N. of sec. 21 (E. $\frac{1}{2}$).										
39.97	A point 6 lks. S. of the cor. of secs. 21, 22, 33 and 34. True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 21 are therefore, S. 89° 55' W., 39.97 chs.										
RANDOM FOR SURVEY.											
	From cor. of secs. 21, 22, 33 and 34, East, on random line, S. of secs. 34, 35 and 36 to determine point for establishment of the SE. cor. of T. 15 N., R. 6 W.										
213.67	A point 183.70 chs. due South from the true point for cor. of secs. 1, 6, 7 and 12, determined by survey of random East bdy. of T. 15 N., R. 6 W., as hereinafter described.										
	At this point of intersection of the random E. and S. bdrs. of T. 15 N., R. 6 W., set an iron post, 3 ft. long, 3 ins. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of T. 15 N., R. 6 W., only (SE. cor.) with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T15N</td><td></td></tr> <tr><td>R6W</td><td> </td></tr> <tr><td>S36</td><td> </td></tr> <tr><td>T14 $\frac{1}{2}$ N</td><td>R6W</td></tr> <tr><td>S24</td><td></td></tr> </table> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 5 ins. diam., bears N. 63 $\frac{3}{4}$° W., 48 lks. dist., marked T15N R6W S36 BT.</p> <p>A juniper, 7 ins. diam., bears N. 48 $\frac{1}{2}$° W., 16 lks. dist., marked T15N R6W S36 BT.</p>	T15N		R6W		S36		T14 $\frac{1}{2}$ N	R6W	S24	
T15N											
R6W											
S36											
T14 $\frac{1}{2}$ N	R6W										
S24											
	SURVEY.										
	From cor. of T. 15 N., R. 6 W. (SE. cor.) described above, West, on true line, on S. bdy. of sec. 36. Over nearly level and gently rolling land on Sycamore Mesa, thru dense timber and scattering undergrowth.										
19.80	Rim of mesa, bears S. and N. 75° W. Leave Sycamore Mesa and enter mountainous land. Descend 45 ft. over SW. slope.										
23.75	Bottom of ravine, course S., (heads about 2 chs. N.) Ascend 57 ft. over SE. slope to										
26.90	Rim of Sycamore Mesa, bears NE. and W. Leave mountainous and enter gently rolling land on said mesa. Asc. 9 ft.										

Resurvey: W. $\frac{1}{2}$, and Survey: E. $\frac{1}{2}$ of South bdy. of T. 15 N., R. 6 W.,
and Resurvey: W. $\frac{1}{2}$ of North bdy. of true. T. 14 $\frac{1}{2}$ N., R. 6 W.

5.

Chains	along S. slope slightly N. of the mesa rim.						
31.00	Rim of Sycamore Mesa, bears E. and NW. Leave mesa and enter mountainous land. Desc. 41 ft. over SW. slope.						
33.83	Ascend 52 ft. along rocky S. slope to						
38.70	Rim of Sycamore Mesa, and top of cliff, 12 ft. high, bearing N. 80° E. and S. 70° W., facing S. Thence over gently rolling land on said mesa. Asc. slightly over SE. slope to						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for S. $\frac{1}{4}$ sec. cor. of sec. 36, with brass cap marked						
	<u>$\frac{1}{4}$ S36</u>						
	1937						
	from which						
	A juniper, 8 ins. diam., bears N. 27° E., 126 lks. dist., marked $\frac{1}{4}$ S36 BT.						
	A juniper, 10 ins. diam., bears N. 7 $\frac{1}{4}$ ° W., 101 lks. dist., marked $\frac{1}{4}$ S36 BT.						
	Continue over gently rolling land, on Sycamore Mesa. Asc. 53 ft. over SE. slope.						
65.00	Top of low divide, bears NE. and SW. Desc. 20 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. 35 and 36, with brass cap marked						
	<table border="1" style="margin: auto;"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S35</td> <td>S36</td> </tr> <tr> <td>T14$\frac{1}{2}$N</td> <td>R6W</td> </tr> </table>	T15N	R6W	S35	S36	T14 $\frac{1}{2}$ N	R6W
T15N	R6W						
S35	S36						
T14 $\frac{1}{2}$ N	R6W						
	S23						
	1937						
	from which						
	A juniper, 12 ins. diam., bears N. 12 $\frac{1}{2}$ ° E., 104 lks. dist., marked T15N R6W S36 BT.						
	A juniper, 5 ins. diam., bears N. 72 $\frac{3}{4}$ ° W., 60 lks. dist., marked T15N R6W S35 BT.						
	Land, nearly level, gently rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, catclaw and cacti. Fair grazing.						
	West, on true line, on S. bdy. of sec. 35.						
	Over nearly level and gently rolling land, thru dense timber and scattering undergrowth, on Sycamore Mesa.						
	Descend 85 ft. over gradual NW. slope to						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for S. $\frac{1}{4}$ sec. cor. of sec. 35, with brass cap marked						
	<u>$\frac{1}{4}$ S35</u>						
	1937						

Resurvey: W. 1/2 and Survey: E. 1/2 of South bdy. of T. 15 N., R. 6 W.,
and Resurvey: W. 1/2 of North bdy. of Frac. T. 14 1/2 N., R. 6 W.

6.

Chains	from which
	A juniper, 5 ins. diam., bears N. 56 1/4° E., 75 lks. dist., marked 1/4 S35 BT.
	A juniper, 5 ins. diam., bears N. 52° W., 49 lks. dist., marked 1/4 S35 BT.
	Continue over gently rolling and nearly level land on Sycamore Mesa. Desc. 68 ft. over NW. slope.
60.00	Leave dense and enter scattering timber, bears NE. and SW.
64.07	Rim of Sycamore Mesa, bears S. and N. 10° W. for approx. 7 chs. thence NE. Leave mesa and enter mountainous land and dense undergrowth. Descend 27 ft. over W. slope to
64.90	Top of vertical cliff, faces W. Descend 235 ft. over precipitous, rocky W. slope to
72.20	Foot of steep descent. Thence over nearly level, rocky, bench, bears S. and NW.
77.00	Rim of bench, bears N. and S. Leave bench and desc. 84 ft. over steep, rocky, SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 34 and 35, with brass cap marked
	T15N R6W S34 S35 ----- T14 1/2 N R6W S22
	1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Land, nearly level, gently rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and oak. Undergrowth, oakbrush, scrub mesquite and catclaw.
	West, on true line, on S. bdy. of sec. 34.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Descend 114 ft. over rocky SW. slope.
11.00	Point of spur, slopes SW. Cow trail, bears NE. and SW. Descend 61 ft. over W. slope.
12.60	Bottom of ravine, 8 lks. wide, course NW. Spring on line, flowing a stream, 3 lks. wide. Ascend 38 ft. over steep NE. slope.
16.90	Spur, slopes N. about 4 chs. Descend 217 ft. over NW. slope.
20.05	Trail, bears NE. and SW.
27.80	Bottom of rocky ravine, 12 lks. wide, course SW. Descend 30 ft. over S. slope.

Resurvey: W. 1/2 and Survey: E. 1/2 of South bdy. of T. 15 N., R. 6 W., and Resurvey: W. 1/2 of North bdy. of Frac. T. 14 1/2 N., R. 6 W.

Chains																	
30.80	Point of spur, slopes SW. Descend 32 ft. over W. slope.																
32.00	Bottom of same ravine, course NW, Ascend 32 ft. over NE. slope.																
38.60	Spur, slopes N. for about 2 chs. then NW. Descend 52 ft. over steep NW. slope to																
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for S. 1/4 sec. cor. of sec. 34, with brass cap marked																
	<u>1/4 S34</u>																
	1937																
	from which																
	A juniper, 16 ins. diam., bears N. 5 1/2° E., 223 lks. dist., marked 1/4 S34 BT.																
	A juniper, 12 ins. diam., bears N. 66 1/4° W., 98 lks. dist., marked 1/4 S34 BT.																
	Desc. 24 ft. over NW. slope.																
40.90	Bottom of ravine, heads about 4 chs. S., course N. Ascend 60 ft. over NE. slope.																
43.45	Desc. 12 ft. over steep, broken N. slope to																
48.75	Spur, slopes W. from SE. Thence along S. slope near top of spur. Desc. 34 ft. to																
53.67	Intersect the cor. of secs. 21, 22, 33 and 34, which is an iron post, 3 ins. in diam., projecting 18 ins. above ground firmly set in ground, and in a mound of stone, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor. Alter this cor. monument to refer to secs. 21 and 22 only by changing marking on brass cap to read																
	<table border="0"> <tr><td></td><td>T15N</td><td>R6W</td><td></td></tr> <tr><td></td><td></td><td>S34</td><td></td></tr> <tr><td>R6W</td><td>S21</td><td> </td><td>S22</td></tr> <tr><td></td><td></td><td>T14 1/2 N</td><td></td></tr> </table>		T15N	R6W				S34		R6W	S21		S22			T14 1/2 N	
	T15N	R6W															
		S34															
R6W	S21		S22														
		T14 1/2 N															
	1937 1915																
	No bearing trees available.																
	Remove the mound of stone W., and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.																
	Thence																
	S. 89° 55' W., on true line, continuing measurement and survey of S. bdy. of sec. 34, and beginning resurvey of W. 1/2 of N. bdy. of Frac. T. 14 1/2 N., R. 6 W.																
	Desc. gradually along S. slope from top of spur sloping W. slightly N. of line.																
54.60	Sign board on an 8 in. juniper post, marked "National Forest Boundary", bears N., 104 lks. dist. Top of spur N. of line slopes NW. from E. Desc. 147 ft. over SW. slope.																
61.16	Barbed wire fence (4 wire) bears N. 22 3/4° W. and S. 22 3/4° E.																

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Resurvey: W. 1/2 and Survey: E. 1/2 of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. 1/2 of North bdy. of Frac. T. 14 1/2 N., R. 6 W.

8.

Chains	<p>67.50 Draw, course NW. Enter rolling land. Desc. gradually over N. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground for reestablished cor. of secs. 33 and 34, with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{r} T15N \ R6W \\ S33 \ S34 \\ \hline T14\frac{1}{2}N \ R6W \\ S21 \end{array}$ </div> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears N. 55° E., 165 lks. dist., marked T15N R6W S34 BT;</p> <p>No other bearing tree available.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.</p> <p>Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, juniper, oak and cottonwood. Undergrowth, oakbrush and scrub mesquite:</p> <hr/> <p>S. 89° 55' W., on true line, on S. bdy. of sec. 33.</p> <p>Beginning resurvey of W. 1/2 of S. bdy. of T. 15 N., R. 6 W., and continuing resurvey of W. 1/2 of N. bdy. of Frac. T. 14 1/2 N., R. 6 W.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p> <p>Ascend 28 ft. over NE. slope.</p> <p>2.10 Spur, slopes NW. Thence across top of spur, near point of same.</p> <p>3.06 Leave top of spur. Enter mountainous land. Desc. 325 ft. over steep NW. slope to</p> <p>13.64 (39.97 chs. S. 89° 55' W. from cor. of secs. 21 and 22) Intersect the 1/4 sec. cor. of secs. 21 and 33, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone N. Alter this cor. monument to refer to the quarters of sec. 21 only by changing marking on brass cap to read</p> <div style="text-align: center;"> $\frac{1}{4} S21$ </div> <p style="text-align: center;">1937 1915</p> <p>No bearing trees available.</p> <p>Remove the mound of stone N., and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.</p> <p>Thence</p> <p>S. 89° 58' W., on true line, continuing measurement of S. bdy. of sec. 33.</p>
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Resurvey: W. 1/2 and Survey: E. 1/2 of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. 1/2 of North bdy. of Frac. T. 14 1/2 N., R. 6 W.

Chains	Desc. 74 ft. over NW. slope.
16.44	Bottom of ravine, 30 lks. wide, course N. 20° W., for about 3 chs. where it enters the bottom of Smith Canyon. Asc. 10 ft. over NE. slope.
17.00	Desc. 57 ft. over NW. slope.
24.45	Bottom of Smith Canyon, 200 lks. wide, course SW., containing pools of water. Asc. 7 ft. over SE. slope.
26.00	Thence over nearly level land.
33.90	Wooden corral, bears N., approx. 1 ch. dist.
36.50	Trail, bears NE. and SW. Leave nearly level and enter rolling land. Ascend 20 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, and in a mound of stone to top, for reestablished S. 1/4 sec. cor. of sec. 33, with brass cap marked
	$\frac{1}{4} S33$
	1937
	from which
	A juniper, 24 ins. diam., bears N. 20° W., 177 lks. dist., marked 1/4 S33 BT.
	No other bearing tree available.
	Ascend 94 ft. over SE. slope.
50.00	Spur, slopes SE. Thence across top of spur.
52.50	Leave top of spur. Descend 10 ft. over SW. slope to
53.73	(40.09 chs. S. 89° 58' W. from N. 1/4 sec. cor. of sec. 21) Intersect the cor. of secs. 20, 21, 32 and 33, which is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. Alter this cor. monument to refer to secs. 20 and 21 only by changing marking on brass cap to read
	$\begin{array}{c} T15N \quad R6W \\ R6W \quad \frac{S33}{S20 \quad S21} \\ \quad \quad T14\frac{1}{2}N \\ \quad \quad 1937 \\ \quad \quad 1915 \end{array}$
	No bearing trees available.
	Remove the mound of stone W. of cor., and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.
	Thence
	S. 89° 57' W., on true line, continuing measurement of S. bdy. of sec. 33.
	Desc. 51 ft. over SW. slope.
60.00	Drain, course SE. Ascend 25 ft. over E. slope.

Resurvey: W. $\frac{1}{2}$ and Survey: E. $\frac{1}{2}$ of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. $\frac{1}{2}$ of North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

10

Chains

67.60 Spur, slopes SE. Descend 53 ft. over SW. slope.
77.75 Barbed wire fence (4 wire) bears N. 21° 18' E. and
S. 21° 18' W.
79.60 Wash, 5 lks. wide, course SE. Ascend slightly over SE.
slope to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in
the ground to bedrock, and in a mound of stone to top,
for reestablished cor. of secs. 32 and 33, with brass
cap marked

T15N	R6W
S32	S33
T14 $\frac{1}{2}$ N	R6W.
S20	

1937

from which

A juniper, 8 ins. diam., bears N. 29 $\frac{3}{4}$ ° E., 33 lks.
dist., marked T15N R6W S33 BT.

A juniper, 6 ins. diam., bears N. 8 $\frac{3}{4}$ ° W., 91 lks.
dist., marked T15N R6W S32 BT.

Land, mountainous and rolling.
Soil, rocky, 4th rate.
Timber, juniper, oak, catclaw and cottonwood.
Undergrowth, oakbrush.

S. 89° 57' W., on true line, on S. bdy. of sec. 32.

Over mountainous land, thru scattering timber and under-
growth.

Ascend 49 ft. over SE. slope.

7.90 Spur, slopes S. Descend 53 ft. over SW. slope to

13.72 (39.99 chs. S. 89° 57' W. from the cor. of secs. 20 and 21)
Intersect the $\frac{1}{4}$ sec. cor. of secs. 20 and 32, which is an
iron post, 1 in. in diam., projecting 30 ins. above
ground, firmly set in ground and mound of stone, marked
on brass cap as described in the official record, and
witnessed by two bearing trees:

A cedar, 18 ins. diam., N. 1 $\frac{1}{4}$ ° E., 150 lks. dist.,
marked $\frac{1}{4}$ S32 BT.

A cedar, 18 ins. diam., S. 83 $\frac{1}{4}$ ° E., 145 lks. dist.,
marked $\frac{1}{4}$ S20 BT.

Alter this cor. monument to refer to the quarters of sec.
20 only by changing markings on brass cap to read

$\frac{1}{4}$ S20

1937
1915

Obliterate markings on the bearing tree NE. of cor.

No other bearing tree available in sec. 20.

Thence

S. 89° 55' W., on true line, continuing measurement of S.
bdy. of sec. 32.

Resurvey: W. 1/2 and Survey: E. 1/2 of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. 1/2 of North bdy. of Frac. T. 14 1/2 N., R. 6 W.

Chains													
	Descend 40 ft. over SW. slope.												
15.40	Bottom of rocky draw, 10 lks. wide, course NW. Ascend 194 ft. over NE. slope.												
30.00	Spur, slopes NW.; desc. 343 ft. over W. slope.												
39.71	Cottonwood Wash, 30 lks. wide, course S. 10° E., containing pools of water.												
40.00	True point for reestablishment of S. 1/4 sec. cor. of sec. 32 falls in Cottonwood Wash, where it is impracticable to monument the cor., therefore establish witness cor. 0.60 chs. S. 89° 55' W.												
	Ascend slightly over E. slope to												
40.60	Set an iron post; 3 ft. long, 1 in. in diam., on exposed bedrock with a stone, 20x20x3 ins., marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to reestablished S. 1/4 sec. cor. of sec. 32, with brass cap marked												
	1/4 S32 WC												
	1937												
	No bearing trees available.												
	Ascend 78 ft. over steep E. slope to												
42.10	Asc. 31 ft. over SE. slope to												
44.34	Side hill draw, course SE. Ascend 317 ft. over broken E. slope to												
53.65	(39.93 chs. S. 89° 55' W. from N. 1/4 sec. cor. of sec. 20) Intersect the cor. of secs. 19, 20, 31 and 32, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone W. of cor.												
	Alter this cor. monument to refer to secs. 19 and 20 only by changing marking on brass cap to read												
	<table border="0"> <tr><td></td><td>T15N</td><td></td></tr> <tr><td></td><td>S32</td><td></td></tr> <tr><td>R6W</td><td>S19 S20</td><td></td></tr> <tr><td></td><td>T14 1/2 N</td><td></td></tr> </table>		T15N			S32		R6W	S19 S20			T14 1/2 N	
	T15N												
	S32												
R6W	S19 S20												
	T14 1/2 N												
	1937 1915												
	No bearing trees available.												
	Remove the mound of stone W. of cor. and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.												
	Thence												
	S. 89° 56' W., on true line, continuing measurement of S. bdy. of sec. 32.												
	Ascend 166 ft. over E. slope.												
61.50	Ridge, bears N. and S. 30° W. Descend 53 ft. over SW. and S. slopes.												
71.10	Spur, slopes SW. Descend 92 ft. over NW. slope.												

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BOOK 1205

Resurvey: W. $\frac{1}{2}$ and Survey: E. $\frac{1}{2}$ of South bdy. of T. 15 N., R. 6 W.
and Resurvey: W. $\frac{1}{2}$ of North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Chains	
75.18	Bottom of rocky draw, 10 lks. wide, course S. 70° W. Descend 52 ft. over S. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, with a stone 16x8x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for reestablished cor. of secs. 31 and 32, with brass cap marked
	$\begin{array}{r} T15N \quad R6W \\ S31 \quad \quad S32 \\ \hline T14\frac{1}{2}N \quad R6W \\ S19 \end{array}$
	1937
	No bearing trees available.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, laurel and cacti.
	S. 89° 56' W., on true line, on S. bdy. of sec. 31. Over mountainous land, thru scattering undergrowth. Asc. 15 ft. over S. slope.
1.49	Desc. 34 ft. over SW. slope to $\frac{1}{4}$ sec. cor. of sec. 19.
8.00	Enter scattering timber, bears NW. and SE.
13.62	(39.97 chs. S. 89° 56' W. from the cor. of secs. 19 and 20) Intersect the $\frac{1}{4}$ sec. cor. of secs. 19 and 31, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set; marked on brass cap as described in the official record, and witnessed by two bearing trees: A cedar, 6 ins. diam., N. 26° W., 57 lks. dist., marked $\frac{1}{4}$ S31 BT. A cedar, 14 ins. diam., S. 7 $\frac{1}{2}$ ° W., 22 lks. dist., marked $\frac{1}{4}$ S19 BT. Alter this cor. monument to refer to the quarters of sec. 19 only by changing marking on brass cap to read
	$\frac{1}{4} S19$
	1937 1915
	Obliterate marking on the bearing tree NW. of cor. No other bearing tree available in sec. 19. Continue line and measurement.
14.90	Rim of ravine bears NE. and SW. Descend 219 ft. over rocky NW. slope.
26.65	Bottom of ravine, 10 lks. wide, course S. 70° W. Ascend 78 ft. over SE. slope.
32.80	Point of spur, slopes S. Descend 130 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in

Chains

the ground to bedrock, with a stone 12x12x3 ins., marked with a cross (+) deposited at base, and in a mound of stone to top, for reestablished S. $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap marked

$\frac{1}{4}$ S31

1937

No bearing trees available.

Desc. 117 ft. over rocky SW. slope.

43.35 Bottom of Loco Canyon, 150 lks. wide, containing a stream of clear running water, 20 lks. wide, course S. Ascend 454 ft. over broken rocky E. slope to

53.69 (40.07 chs. S: 89° 56' W. from N. $\frac{1}{4}$ sec. cor. of sec. 19) Intersect the cor. of Ts. 14 $\frac{1}{2}$ and 15 N.; Rs. 6 and 7 W., which is an iron post, 3 ins. in diam., projecting 22 ins. above ground, firmly set; in ground and mound of stone, marked on brass cap as described in the official record, and witnessed by four properly marked bearing trees;
A cedar, 18 ins. diam., N. 39 $\frac{1}{4}$ ° W.; 142 lks.;
A laurel 6 ins. diam., N. 36 $\frac{1}{2}$ ° E.; 130 lks.;
A cedar, 12 ins. diam., S. 37 $\frac{1}{2}$ ° E.; 76 lks. and
A cedar, 12 ins. diam., S. 30 $\frac{1}{4}$ ° W.; 60 lks. dist.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper and cedar.

Undergrowth, laurel, oakbrush, catclaw and cacti.

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 BOOK 4205

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.;
 and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

The cor. of Ts. 15 and 16 N., Rs. 5 and 6 W. was established by P. Contzen, U.S. Deputy Surveyor, in 1897, by survey of N. bdy. of T. 15 N., R. 5 W. due West to a computed point due N. from std. cor. of Ts. 13 N., Rs. 5 and 6 W. Surveyor Contzen then surveyed part of the West bdy. of T. 15 N., R. 5 W. due South, establishing $\frac{1}{4}$ sec. cor. of secs. 1 and 6 at a point 157.89 chs. S. from the Tp. cor. which point was theoretically due W. from the corresponding $\frac{1}{4}$ sec. cor. on the E. bdy. of T. 15 N., R. 5 W.; continued survey South 40 chs. and established point for cor. of secs. 1, 6, 7 and 12, witnessing same by a W.C. 3.11 chs. S., and discontinued survey of said Tp. bdy. at said sec. cor. point. No retracement or resurvey of this part of W. bdy. of T. 15 N., R. 5 W.; or survey of any part of the remainder, is of record.

The West bdy. of T. 16 N., R. 5 W., was surveyed by A.B. Mader, U.S. Deputy Surveyor, in 1903, due North from original cor. of Ts. 15 and 16 N., Rs. 5 and 6 W., establishing $\frac{1}{4}$ sec. and sec. cor. monuments, alternately, at 40 ch. intervals, all with common reference to areas both sides of the line, and at point of intersection of the Tp. bdy. with the 4th Std. Par. N. established closing cor. of Ts. 16 N., Rs. 5 and 6 W. No retracement or resurvey of any part of the West bdy. of T. 16 N., R. 5 W. is of record.

Reestablishment of cor. of Ts. 15 and 16 N., R. 6 W.; resurvey of E. bdy. of T. 16 N., R. 6 W., northerly therefrom; and resurvey of that part of W. bdy. of T. 16 N., R. 5 W. situate W. of secs. 30, 19, 18, 7 and 6 of said Tp.; all executed under this group, are described in field notes of T. 16 N., R. 6 W.

The following notes describe a resurvey of W. bdy. of sec. 6, T. 15 N., R. 5 W.; W. bdy. of sec. 31, T. 16 N., R. 5 W.; and E. bdy. of sec. 1, T. 15 N., R. 6 W.; and survey of that part of E. bdy. of T. 15 N., R. 6 W. situate E. of secs. 12, 13, 24, 25 and 36 of said Tp., thus completing survey of said Tp. bdy.

Retracement for Resurveys.

From the cor. of secs. 30 and 31

South, on random line, W. of sec. 31 (N. $\frac{1}{2}$)

40.18

A point 6 lks. W. of the $\frac{1}{4}$ sec. cor. of secs. 31 and 36. True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 31 are therefore, N. 0° 05' W., 40.18 chs.

From $\frac{1}{4}$ sec. cor.,

South, on random line, W. of sec. 31 (S. $\frac{1}{2}$).

40.35

A point 4 lks. W. of the cor. of Ts. 15 and 16 N., Rs. 5 and 6 W. True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 31 are therefore, N. 0° 03' W., 40.35 chs.

From cor. of Ts. 15 & 16 N., Rs. 5 and 6 W.,

South, on random line, W. of sec. 6 (technical N. $\frac{1}{2}$).

157.82

A point 9 lks. E. of the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.

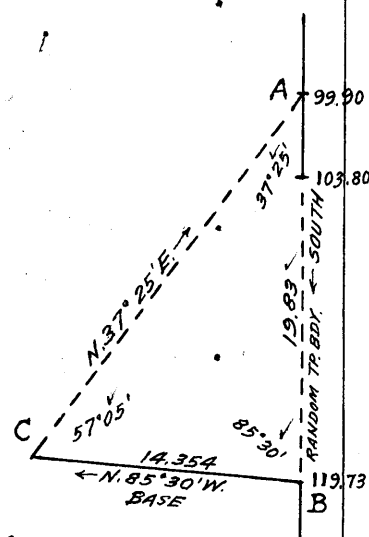
Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.,
 and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains True course and dist. of technical N. $\frac{1}{2}$ of W. bdy. of sec. 6 are therefore, N. $0^{\circ} 02' E.$, 157.82 chs.
 From $\frac{1}{4}$ sec. cor.
 South on random line, W. of sec. 6 (technical S. $\frac{1}{2}$).
 39.82 A point 2 lks. E. of the true point for cor. of secs. 1, 6, 7 and 12, determined by measurement North 3.11 chs. (record course and dist.) from the witness cor. there-to,
 True course and dist. of technical S. $\frac{1}{2}$ of W. bdy. of sec. 6 are therefore, N. $0^{\circ} 02' E.$, 39.82 chs.

Random for Survey.

From true point for cor. of secs. 1, 6, 7 and 12,
 South, on random line, E. of secs. 24, 25 and 36, T. 15 N., R. 6 W., to determine point for establishment of SE. cor. of said Tp.
 99.90 Set a flag "A" at this point, and another flag "B" ahead on line near rim of Sycamore Mesa, for triangulation of measurement over a precipitous broken N. slope from said mesa. Vertical angle from "A" to "B" is $+ 22\frac{1}{4}^{\circ}$.
 Continue measurement by chaining to

103.80 Foot of precipitous broken N. slope. Discontinue chaining, and obtain measurement South to flag "B" by triangulation as follows:
 From flag "B" double chain a base, N. $85^{\circ} 30' W.$ along the rim of Sycamore Mesa to point "C". Mean of the two chainings: 14.354 chs.
 From "C" the flag "A" bears N. $37^{\circ} 25' E.$
 Included angles of the triangle "A-B-C", are: $37^{\circ} 25'$, $85^{\circ} 30'$, and $57^{\circ} 05'$, the sum of which is $180^{\circ} 00'$.
 Dist. chained to "A" = 99.90 chs. S.
 Dist. triang. "A" to "B" = 19.83 chs. S.
 Total dist. to "B" = 119.73 chs. South.



119.73 Triang. flag "B". Resume chaining and continue line and measurement.
 183.70 A point 213.67 chs. due East from the cor. of secs. 21, 22, 33 and 34, determined by survey of random S. bdy. of T. 15 N., R. 6 W.
 The cor. of T. 15 N., R. 6 W. only, (SE. cor.) is established at this point as hereinbefore described.

Survey.

From cor. of T. 15 N., R. 6 W. (SE. cor.).
 North, on true line, on E. bdy. of sec. 36.
 Over nearly level and gently rolling land, on Sycamore Mesa, thru dense timber and scattering undergrowth.

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 4205

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.,
 and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains	Asc. 93 ft. over SE. slope to $\frac{1}{4}$ sec. cor.
12.22	Old trail, bears E. and W.
40.00	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 E. $\frac{1}{4}$ sec. cor. of sec. 36, with brass cap marked
	$\frac{1}{4}$ S36 1937
	from which
	A juniper, 8 ins. diam., bears S. 22° W., 200 lks. dist., marked $\frac{1}{4}$ S36 BT.
	A juniper, 7 ins. diam., bears S. 82 $\frac{1}{2}$ ° W., 183 lks. dist., marked $\frac{1}{4}$ S36 BT.
	Continue over gently rolling land on Sycamore Mesa. Asc. 5 ft. over SE. slope.
44.20	Low divide, bears N. 75° E. and S. 75° W. Desc. 115 ft. over N. slope to rim of mesa.
60.50	Pack trail, bears S. 52° E. and N. 52° W.
63.97	Triangulation point "B", continue chaining to
64.02	Rim of Sycamore Mesa and top of cliff 15 ft. high, bearing E. and W. facing N. Discontinue chaining. Measurement to 79.90 ch. station by triangulation hereinbefore described. Leave mesa and enter mountainous land. Desc. about 572 ft. over precipitous, broken N. slope, thru scattering timber and dense undergrowth.
79.90	Foot of steep broken N. slope, bears E. and W. Resume chaining and continue line and measurement. Desc. slightly over N. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 25 and 36, with brass cap marked
	T15N R6W S25 S36
	1937 from which
	A juniper, 9 ins. diam., bears S. 48 $\frac{1}{2}$ ° W., 71 lks. dist., marked T15N R6W S36 BT.
	A juniper, 22 ins. diam., bears N. 5 $\frac{1}{4}$ ° W., 63 lks. dist., marked T15N R6W S25 BT.
	Land, nearly level, gently rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, oakbrush, manzanita, catclaw and cacti.

North, on true line, on E. bdy. of sec. 25.
 Over mountainous land, thru scattering timber and dense undergrowth.

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.
 and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains	
	Descend 18 ft. over N. slope.
2.12	Creek in bottom of ravine, 20 lks. wide, containing a stream of running water, 1 lk. wide, 2 ins. deep, course W. about 2 chs., then NW. Ascend 170 ft. over broken SW. slope.
3.80	Triangulation point "A".
24.70	Asc. 45 ft. over W. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for E. $\frac{1}{4}$ sec. cor. of sec. 25, with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ S25 \end{array} $
	1937
	No bearing trees available.
	Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Asc. 90 ft. over SW. slope.
57.63	Spur, slopes NW. Descend 78 ft. over NE. slope.
65.47	Bottom of ravine, 10 lks. wide, course NW. Ascend 29 ft. over SW. slope.
68.54	Point of spur, slopes W. Descend 196 ft. over steep, rocky N. slope.
75.12	Bottom of ravine, 20 lks. wide, course W. Ascend 20 ft. over S. slope.
79.23	Point of spur, slopes SW. Descend 8 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. 24 and 25, with brass cap marked
	$\begin{array}{c} T15N \\ S24 \\ \hline S25 \\ R6W \end{array} $
	1937
	from which
	A juniper, 5 ins. diam., bears S. 34 $\frac{1}{2}$ ° W., 104 lks. dist., marked T15N R6W S25 BT.
	A pinyon, 6 ins. diam., bears N. 48° W., 176 lks. dist., marked T15N R6W S24 BT.
	Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.
	North, on true line, on E. bdy. of sec. 24.
	Over mountainous land, thru scattering timber and dense undergrowth.

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.

Part of East bdy.: T. 15 N., R. 6 W.

and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

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Chains	Ascend 86 ft. over steep, broken W. slope.								
8.80	Desc. 50 ft. over NW. slope.								
14.27	Bottom of Smith Canyon, 30 lks. wide, with stream of water, 8 lks. wide, course S. 70° W. for about .3 chs. then S. Ascend 15 ft. to								
14.52	Top of bluff, bearing E. and W., facing S. Along steep E. slope.								
17.67	Top of bluff, 12 ft. high, bearing E. and W., facing N. Descend 14 ft. to								
18.12	Bottom of Smith Canyon, 30 lks. wide, with small stream of water, course S. 70° E. Ascend 15 ft. to								
19.06	Top of bluff, bearing E. and W., facing S. Ascend 14 ft. along steep, broken W. slope to								
20.59	Intersect the witness cor. to cor. of secs. 1, 6, 7 and 12, which is a malpais stone, 8x8x8 ins. above ground, firmly set, marked WC on NE. face, 5 notches on S. edge and 1 notch on N. edge, and witnessed by a mound of stone W. The sycamore bearing tree described in the official record as S. 20° W., 110 lks. from the W.C. is now dead and fallen. This witness cor. is of record as being established at a point 3.11 chs. South from the true point for the cor. of secs. 1, 6, 7 and 12. Reconstruct this witness cor. monument with altered reference as follows: remove the old cor. stone, and in same place set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with old stone reset alongside, for witness cor. to cor. of secs. 6 and 7 only, with brass cap marked								
	<table border="1"> <tr> <td></td> <td>WC</td> </tr> <tr> <td>T15N</td> <td>T15N</td> </tr> <tr> <td>R6W</td> <td>R5W</td> </tr> <tr> <td>S24</td> <td>S6</td> </tr> </table>		WC	T15N	T15N	R6W	R5W	S24	S6
	WC								
T15N	T15N								
R6W	R5W								
S24	S6								
	1937								
	No bearing trees available.								
	Remove the mound of stone W. and raise a mound of stone, 3 ft. base, 2½ ft. high, E. of cor.								
	Continue line and measurement.								
	Asc. 45 ft. over steep W. slope to								
23.26	Top of bluff, facing NW.								
23.70	Intersect true point for cor. of secs. 6 and 7, on face of bluff where it is impracticable to monument the cor., therefore the witness cor. was reconstructed at 3.11 chs. S. as described above.								
	Thence								
	N. 0° .02' E., on true line, continuing measurement and survey of E. bdy. of sec. 24, and beginning resurvey of W. bdy. of sec. 6, T. 15 N., R. 5 W. Desc. over NW. face of bluff.								
25.22	Foot of bluff, bears NE. and SW., 25 ft. below top. Asc. 30 ft. over steep broken W. slope to								

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.
 and Survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains 35.52	Enter bottom of Smith Canyon, 50 lks. wide, containing a small stream of water, course SW. from N. Asc. gradually in bottom of canyon to
37.50	Leave bottom of Smith Canyon, course S. from N. 10° E. Asc. 58 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for E. $\frac{1}{4}$ sec. cor. of sec. 24, with brass cap marked
	$\frac{1}{4}$ S24
	1937
	from which
	<ul style="list-style-type: none"> • A pinyon, 12 ins. diam., bears S, 50$\frac{1}{4}$° W., 42 lks. dist., marked $\frac{1}{4}$ S24 BT; • A pinyon, 8 ins. diam., bears N, 51$\frac{1}{4}$° W., 70 lks. dist., marked $\frac{1}{4}$ S24 BT.
	Asc. 104 ft. over SE. slope.
46.80	Point of spur, slopes E.; desc. 25 ft. over NE. slope.
50.00	Asc. 20 ft. over E. slope.
56.90	Desc. 54 ft. over NE. slope to
63.52	(39.82 chs. N. 0° 02' E. from point for cor. of secs. 6 and 7) Intersect the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a malpais stone 10x10x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by: An ash, 8 ins. diam., S. 67° E., 63 lks. dist., marked $\frac{1}{4}$ S6 BT. and stump of a sycamore, N. 31 $\frac{1}{2}$ ° E., 66 lks. dist., unmarked, which bearing and dist. agrees with the official record to one bearing tree, but the tree was recorded as an ash. No trace of the mound of stone W. of cor. can be found. Reconstruct this cor. monument with altered reference as follows: remove the old cor. stone, and in same place set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked
	$\frac{1}{4}$ S6
	1937
	from which
	establish an additional bearing tree:
	<ul style="list-style-type: none"> • A sycamore, 5 ins. diam., bears N. 29$\frac{1}{4}$° E., 42 lks. dist., marked $\frac{1}{4}$ S6 BT.
	Continue line and measurement.
	Desc. 10 ft. over NE. slope.
65.05	Bottom of Smith Canyon, 50 lks. wide, containing a stream of water, 8 lks. wide, course SE. Asc. 78 ft. over steep W. slope to

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.; T. 15 N., R. 6 W.
 and survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

20

Chains													
70.97	Drain, course W.; asc. 37 ft. over steep 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. 13 and 24, with brass cap												
	marked												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">T15N</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> <td style="text-align: center;">T15N</td> </tr> <tr> <td style="text-align: center;">S13</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> <td style="text-align: center;">R5W</td> </tr> <tr> <td style="text-align: center;">S24</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> <td style="text-align: center;">S6</td> </tr> <tr> <td style="text-align: center;">R6W</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> <td></td> </tr> </table>	T15N		T15N	S13		R5W	S24		S6	R6W		
T15N		T15N											
S13		R5W											
S24		S6											
R6W													
	1937												
	from which												
	A pinyon, 6 ins. diam., bears S. 10 $\frac{1}{2}$ ° W., 75 lks. dist., marked T15N R6W S24 BT.												
	A juniper, 4 ins. diam., bears N. 27 $\frac{3}{4}$ ° W., 196 lks. dist.; marked BT only.												
	Land, mountainous.												
	Soil, rocky, 4th rate.												
	Timber, juniper, pinyon, sycamore and ash.												
	Undergrowth, oakbrush, catclaw and cacti.												
	N. 0° 02' E., on true line, on E. bdy. of sec. 13.												
	Over mountainous land, thru timber and undergrowth.												
	Descend 34 ft. over steep W. slope.												
6.80	Bottom of Smith Canyon, 30 lks. wide, water in pools, course SW. Ascend 472 ft. over steep SE. slope.												
31.20	Spur, slopes SW. Ascend 116 ft. over W. slope to												
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the												
	ground for E. $\frac{1}{4}$ sec. cor. of sec. 13 with brass cap												
	marked												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">$\frac{1}{4}$</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> </tr> <tr> <td style="text-align: center;">S13</td> <td style="border-left: 1px solid black; padding-left: 5px;"></td> </tr> </table>	$\frac{1}{4}$		S13									
$\frac{1}{4}$													
S13													
	1937												
	from which												
	A juniper, 6 ins. diam., bears S. 24 $\frac{1}{4}$ ° W., 74 lks. dist., marked $\frac{1}{4}$ S13 BT.												
	A juniper, 8 ins. diam., bears N. 69 $\frac{1}{2}$ ° W., 42 lks. dist., marked $\frac{1}{4}$ S13 BT.												
	Ascend 20 ft. over W. slope.												
56.00	Foot of steep ascent, bears NW. and SE. Leave dense and enter scattering timber; bears NW. and SE. Ascend 241												
	ft. over steep, rocky SW. slope.												
67.70	Same spur, slopes SE. Descend 139 ft. over NE. slope to												
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. 12 and 13, with brass cap marked.												

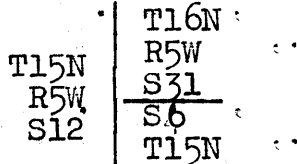
4-678b Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
Part of East bdy.: T: 15 N., R. 6 W.
and survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">T15N</td> <td style="padding: 5px;">T15N</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">S12</td> <td style="padding: 5px;">R5W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">S13</td> <td style="padding: 5px;">S6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">R6W</td> <td></td> </tr> </table>	T15N	T15N	S12	R5W	S13	S6	R6W	
T15N	T15N								
S12	R5W								
S13	S6								
R6W									
	<p>1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., bears S. 46$\frac{3}{4}$° W., 100 lks. dist., marked T15N R6W S13 BT.</p> <p>A juniper, 14 ins. diam., bears N. 83° W., 101 lks. dist., marked T15N R6W S12 BT.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.</p>								
	<p>N. 0° 02' E., on true line, on E. bdy. of sec. 12.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth.</p> <p>Descend 10 ft. over NE. slope.</p>								
4.50	Head of draw, course SE.; asc. 23 ft. over E. slope.								
8.50	Asc. 96 ft. over SW. slope to								
16.35	Indefinite rim of Smith Mesa, bears NW. and SE.								
	Leave mountainous and enter rolling land on said mesa.								
	Asc. 155 ft. over gradual SW. slope to								
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for E. $\frac{1}{4}$ sec. cor. of sec. 12, with brass cap marked								
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">$\frac{1}{4}$</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">S12</td> <td style="padding: 5px;"></td> </tr> </table>	$\frac{1}{4}$		S12					
$\frac{1}{4}$									
S12									
	<p>1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 5 ins. diam., bears S. 11° W., 52 lks. dist., marked $\frac{1}{4}$ S12 BT.</p> <p>A juniper, 5 ins. diam., bears N. 74° W., 65 lks. dist., marked $\frac{1}{4}$ S12 BT.</p> <p>Continue over rolling land on Smith Mesa.</p> <p>Asc. 112 ft. over SW. slope to</p>								
61.34	<p>(157.82 chs. N. 0° 02' E. from W. $\frac{1}{4}$ sec. cor. of sec. 6, T. 15 N., R. 5 W.)</p> <p>Intersect the cor. of Ts. 15 and 16 N., Rs. 5 and 6 W., which is a malpais boulder in place; exposed 4x3x2 ft. above ground, marked with a cross (X) on top, and 6 grooves on each of E., W.; N. and S. faces, and witnessed by a mound of stone W., and by bearing trees as follows:</p> <p>A pinyon, 10 ins. diam., dead and fallen, N. 64$\frac{1}{4}$° E., 77 lks. dist.</p> <p>A cedar, 26 ins. diam., S. 77° E., 157 lks. dist.</p> <p>A cedar, 10 ins. diam., S. 57° W., 227 lks. dist., and</p> <p>A cedar, 10 ins. diam., N. 42$\frac{3}{4}$° W., 189 lks. dist.</p>								

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
Part of East bdy.: T. 15 N., R. 6 W.
and survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains

All of the trees are marked as described in the official record.
Reconstruct this cor. monument with altered reference as follows:
Chisel a hole in the top of the boulder, replacing the cross (+), and set in cement therein a brass cap $3\frac{1}{2}$ ins. diam., with stem 3 ins. long, for cor. of Ts. 15 and 16 N., R. 5 W., marking the cap



1937

from which

establish one new bearing tree:

A juniper, 16 ins. diam., bears N. $7\frac{3}{4}^\circ$ E., 112 lks. dist., marked T16N R5W S31 BT.

Obliterate marking on the old bearing trees NW. and SW. of cor.

Remove the mound of stone W. of cor., and raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.

Thence

N. $0^\circ 03'$ W., on true line, continuing measurement and survey of E. bdy. of sec. 12, T. 15 N., R. 6 W. and beginning resurvey of S. $\frac{1}{2}$ of W. bdy. of sec. 31, T. 16 N., R. 5 W.

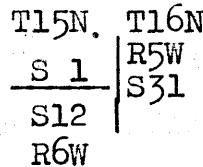
Over gently rolling land on Smith Mesa, thru scattering timber and undergrowth.

Asc. gradually over SW. and W. slopes.

67.70 Barbed wire fence (4 wire) bears N. 84° W. and S. 84° E.

75.60 Pack trail, bears N. $88\frac{3}{4}^\circ$ W. to Willow Springs and S. $88\frac{3}{4}^\circ$ E. to Dumbell Ranch.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for reestablished cor. of secs. 1 and 12, with brass cap marked



1937

from which

A juniper, 4 ins. diam., bears S. $56\frac{1}{4}^\circ$ W., 144 lks. dist., marked T15N R6W S12 BT.

A juniper, 5 ins. diam., bears N. $29\frac{1}{2}^\circ$ W., 163 lks. dist., marked T15N R6W S1 BT.

Land, mountainous and rolling.
Soil, rocky, 3rd and 4th rates.
Timber, juniper, cedar and pinyon.
Undergrowth, oakbrush, catclaw and cacti.

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
 Part of East bdy.: T. 15 N., R. 6 W.
 and survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains	
	<p>N. 0°03' W., on true line, resurveying E. bdy. of sec. 1, T. 15 N., R. 6 W., and continuing resurvey of S. $\frac{1}{2}$ of W. bdy. of sec. 31, T. 16 N., R. 5 W.</p>
	<p>Over gently rolling and nearly level land, on Smith Mesa, thru scattering timber and undergrowth.</p>
21.69	<p>(40.35 chs. N. 0° 03' W. from cor. of Ts. 15 and 16 N., R. 5 W.)</p>
	<p>Intersect the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a malpais stone, 12x10x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone W., and one bearing tree:</p>
	<p>A juniper, 9 ins. diam., N. 85° E., 284 lks. dist., marked $\frac{1}{4}$ S31 BT.</p>
	<p>Reconstruct this cor. monument with altered reference as follows:</p>
	<p>remove the old cor. stone, and in same place set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with old stone, reset alongside for W. $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap marked</p>
	<p style="text-align: center;"> $\frac{1}{4}$ S31</p>
	<p style="text-align: center;">1937</p>
	<p style="text-align: right;">from which</p>
	<p>establish an additional bearing tree:</p>
	<p>A juniper, 8 ins. diam., bears S. 51$\frac{1}{2}$° E., 118 lks. dist., marked $\frac{1}{4}$ S31 BT.</p>
	<p>remove the old mound of stone W. of cor., and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.</p>
	<p>Thence</p>
	<p>N. 0° 05' W., on true line, continuing measurement and resurvey of E. bdy. of sec. 1, T. 15 N., R. 6 W., and beginning resurvey of N. $\frac{1}{2}$ of W. bdy. of sec. 31, T. 16 N., R. 5 W.</p>
	<p>Over nearly level land, on Smith Mesa, thru scattering timber and undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, in a mound of stone to top, for reestablished E. $\frac{1}{4}$ sec. cor. of sec. 1, with brass cap marked</p>
	<p style="text-align: center;">$\frac{1}{4}$ S1</p>
	<p style="text-align: center;">1937</p>
	<p style="text-align: right;">from which</p>
	<p>A juniper, 4 ins. diam., bears S. 47$\frac{3}{4}$° W., 174 lks. dist., marked $\frac{1}{4}$ S1 BT.</p>
	<p>A juniper, 30 ins. diam., bears N. 54$\frac{1}{4}$° W., 137 lks. dist., marked $\frac{1}{4}$ S1 BT.</p>
61.87	<p>(40.18 chs. N. 0° 05' W., from the W. $\frac{1}{4}$ sec. cor. of sec. 31)</p>
	<p>Intersect the cor. of secs. 30 and 31, T. 16 N., R. 5 W., originally cor. of secs. 25, 30, 31 and 36. This cor. monument was reconstructed in its original position and changed to its present designation, under this group, in connection with the resurvey of E. bdy. of T. 16 N., R. 6 W., and part of W. bdy. of T. 16 N.,</p>

156
4-873b
1000

Resurvey: Parts of West bdrs.: Ts. 15 & 16 N., R. 5 W.
Part of East bdy.: T. 15 N., R. 6 W.
and survey: Part (completion) of East bdy. of T. 15 N., R. 6 W.

Chains

R. 5 W., and is described in the field notes of T. 16 N., R. 6 W.
Continue line and measurement, on resurvey of E. bdy. of sec. 1

Over nearly level land, on Smith Mesa, thru scattering timber and very scattering undergrowth.

80.22

Intersect the cor. of Ts. 15 and 16 N., R. 6 W., reestablished under this group as described in field notes of T. 16 N., R. 6 W.

Land, gently rolling and nearly level.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, oakbrush, cacti, and native weeds.

Survey: Subdivision Lines of T. 15 N., R. 6 W.

25

Chains	
	Begin the subdivision of T. 15 N., R. 6 W. at the cor. of secs. 35 and 36 on S. bdy. of the Tp., hereinbefore described, Thence N. 0° 01' W., bet. secs. 35 and 36. Over nearly level and gently rolling land, on Sycamore Mesa, thru dense timber and scattering undergrowth. Descend 77 ft. over gradual NW: slope.
30.15	Draw, 4 lks. wide, course NW. Ascend 56 ft. over SW. slope.
38.00	Point of low spur, slopes NW. Descend 4 ft. over NW. 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 $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S35 S36 1937 from which A juniper, 7 ins. diam., bears S. 49 $\frac{3}{4}$ ° E., 74 lks. dist., marked $\frac{1}{4}$ S36 BT. A juniper, 6 ins. diam., bears S. 37 $\frac{1}{2}$ ° W., 141 lks. dist., marked $\frac{1}{4}$ S35 BT. Along gentle W. slope.
40.30	Rim of Sycamore Mesa and top of vertical cliff 100 ft. high, bearing NE. and SW., facing NW. Leave mesa and enter mountainous land; scattering timber and dense undergrowth. Descend 330 ft. over broken, rocky NW. slope to
48.20	Foot of steep descent, bears NE. and SW. Thence over nearly level bench.
56.70	Rim of bench, bears NE. and SW. Leave bench. Descend 41 ft. over NW. slope.
60.30	Foot of descent, bears NE. and SW. Thence over nearly level bench.
71.00	Rim of bench, bears NE. and SW. Leave bench. Enter rolling land. Descend 67 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. 25, 26, 35 and 36, with brass cap marked T15N R6W S26 S25 S35 S36 1937 from which A juniper, 4 ins. diam., bears N. 28 $\frac{1}{2}$ ° E., 49 lks. dist., marked BT. only.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

26

Chains	
	<p>A juniper, 10 ins. diam., bears S. $50\frac{1}{2}^{\circ}$ E., 163 lks. dist., marked T15N R6W S36 BT.</p> <p>A juniper, 6 ins. diam., bears S. 4° W., 147 lks. dist., marked T15N R6W S35 BT.</p> <p>A juniper, 3 ins. diam., bears N. 35° W., 181 lks. dist., marked BT. only.</p> <p>Land, nearly level, gently rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush, catclaw, laurel and cacti.</p>
	<p>East, on random line, bet. secs. 25 and 36.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of the Tp. 2 lks. S. of the cor. of secs. 25 and 36, hereinbefore described.
	Thence
	S. $89^{\circ} 59'$ W., on true line, bet. secs. 25 and 36.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Along N. slope.
1.90	Foot of steep ascent, bears E. and NW. Ascend 116 ft. over steep rocky NE. slope.
7.10	Short spur, slopes N. about 8 chs. to point. Descend 82 ft. over steep W. slope.
11.20	Bottom of ravine, 5 lks. wide, course N. Ascend 98 ft. over steep E. slope.
14.40	Thence along broken N. slope. Asc. 67 ft.
28.56	Desc. 20 ft. over NW. slope.
30.36	Pack trail, bears NW. and SE.
32.00	Desc. gradually over broken N. slope to
40.03	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
	$\frac{1}{4} \frac{S 25}{S 36}$
	1937
	from which
	<p>A juniper, 4 ins. diam., bears N. 66° E., 54 lks. dist., marked $\frac{1}{4}$ S25 BT.</p> <p>A juniper, 6 ins. diam., bears S. 58° W., 30 lks. dist., marked $\frac{1}{4}$ S36 BT.</p>
	Desc. gradually along broken N. slope.
53.60	Desc. 11 ft. over W. slope.
55.90	Bottom of ravine, 3 lks. wide, course N. Ascend 22 ft. over E. slope to

Survey: Subdivision Lines: T. 15 N., R. 6 W.

27

Chains	
58.60	Thence over rolling land at NE. end of bench.
65.30	Pack trail, bears N. $64\frac{3}{4}^{\circ}$ W. and S. $46\frac{3}{4}^{\circ}$ E. Tonto Ranger Station to Willow Springs.
69.26	SW. cor. of wire fence corral bears N., 9.38 chs. dist. Corral is 100 ft. NE. and SW. by 60 ft. NW. and SE.
70.00	Leave bench, bears NE. and SW. Descend 58 ft. over NW. slope to
80.06	The cor. of secs. 25, 26, 35 and 36. Land, mountainous and rolling. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush, catclaw, laurel and cacti.
	N. $0^{\circ} 01' W.$, bet. secs. 25 and 26.
	Over rolling land, thru scattering timber and dense undergrowth. Desc. slightly over NW. slope.
1.00	Swale, drains W. from N. 80° E., heads about 6 chs. NE. Ascend 26 ft. over SE. slope.
7.14	U. S. Forest Service triangulation station on Sheridan Mountain, bears N. $23\frac{1}{2}^{\circ}$ W.
7.40	Top of ascent, bears E. and SW. Enter mountainous land. Descend 177 ft. over broken N. and NW. slopes.
12.95	Pack trail, bears E. and SW.
22.30	Bottom of ravine, 4 lks. wide, course NE. Ascend 3 ft. over SE. slope.
25.35	Desc. gradually over E. slope.
30.33	Asc. 12 ft. over SE. slope.
33.90	Pack trail, Tonto Ranger Station to Willow Springs, bears N. 10° W. and S. 10° E.
35.00	Low spur, slopes NE. Descend 45 ft. over NW. 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
	$\frac{1}{4}$ S26 S25
	1937 from which
	A pinyon, 5 ins. diam., bears N. 46° E., 32 lks. dist., marked $\frac{1}{4}$ S25 BT.
	A juniper, 4 ins. diam., bears S. 52° W., 18 lks. dist., marked $\frac{1}{4}$ S26 BT.
	Descend 292 ft. over broken N. slope.
41.00	Same pack trail, bears NE. and SW.
56.30	Bottom of Smith Canyon, 40 lks. wide, with stream of water, 2 lks. wide, 3 ins. deep, course N. 77° W., from S. $82\frac{1}{2}^{\circ}$ E. Same pack trail bears N. $79^{\circ} 24'$ W. and S. $82\frac{1}{2}^{\circ}$ E. Ascend 491 ft. over rocky S. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

28

Chains

76.30 Spur, slopes SE.; asc. 10 ft. over E. slope.

77.40 Desc. 30 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T15N	R6W
S23	S24
S26	S25

1937

from which

A juniper, 5 ins. diam., bears N. $26\frac{1}{2}^\circ$ E., 141 lks. dist., marked T15N R6W S24 BT.A juniper, 14 ins. diam., bears S. $19\frac{1}{4}^\circ$ E., 119 lks. dist., marked T15N R6W S25 BT.A juniper, 8 ins. diam., bears S. $3\frac{1}{2}^\circ$ W., 204 lks. dist., marked T15N R6W S26 BT.A juniper, 8 ins. diam., bears N. $26\frac{1}{2}^\circ$ W., 60 lks. dist., marked T15N R6W S23 BT.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, juniper and pinyon.

Undergrowth, oakbrush, catclaw, laurel and cacti.

N. $89^\circ 59'$ E. on random line, bet. secs. 24 and 25.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect E. bdy. of the Tp. 2 lks. S. of the cor. of secs. 24 and 25, hereinbefore described.

Thence

S. $89^\circ 58'$ W., on true line, bet. secs. 24 and 25.

Over mountainous land, thru scattering timber and dense undergrowth.

Descend 39 ft. over W. slope.

2.54 Bottom of Smith Canyon 50 lks. wide, with stream of water 5 lks. wide, 3 ins. deep, course SW. from N. Asc. 161 ft. on top of spur, sloping E.

13.20 Leave top of spur, sloping E. from N. 80° W. Ascend 174 ft. over S. and SE. slopes.

26.96 Spur, slopes S. Descend 367 ft. over SW. slope 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

$\frac{1}{4}$	S 24
	S 25

1937

from which

Survey: Subdivision Lines; T. 15 N., R. 6 W.

29

Chains	<p>A pinyon, 5 ins. diam., bears S. $11\frac{1}{2}^{\circ}$ W., 197 lks. dist., marked $\frac{1}{4}$ S25 BT.</p> <p>A juniper, 6 ins. diam., bears N. $18\frac{3}{4}^{\circ}$ W., 160 lks. dist., marked $\frac{1}{4}$ S24 BT.</p> <p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Desc. 70 ft. over SW. slope.</p>
44.60	Bottom of ravine, 5 lks. wide, course S. Ascend 70 ft. over SE. slope.
46.50	Spur, slopes S., from N. 30° E. Descend 118 ft. over NW. slope.
52.70	Wash, 15 lks. wide, course SW. Ascend 164 ft. over SE. slope.
64.10	Spur, slopes SW. Descend 66 ft. over W. slope.
70.85	Bottom of canyon, 20 lks. wide, containing a stream of water, 2 lks. wide, 1 in. deep, course S. 5° W. Small spring in bottom of canyon about 10 chs. NE. Ascend 7 ft. to
71.80	Bottom of rocky ravine, 3 lks. wide, course SE. Ascend 112 ft. over NE. slope to
80.10	The c or. of secs. 23, 24, 25 and 26.
	<p>Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw, laurel and cacti.</p>
	<p>N. 0° $01'$ W., bet. secs. 23 and 24.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth.</p> <p>Descend 10 ft. over NE. slope.</p>
1.60	Bottom of rocky ravine, 2 lks. wide, course S. 75° E. Ascend 45 ft. over S. slope.
3.40	Short spur, slopes E. Descend 36 ft. over NE. slope.
5.70	Bottom of ravine, course E. Ascend 81 ft. over S. slope.
9.00	Rocky spur, slopes S. 70° E. Descend 70 ft. over NE. slope.
13.90	Bottom of gulch, 4 lks. wide, course S. 60° E. Ascend 74 ft. over SW. slope.
18.00	Spur, slopes SE. Ascend 29 ft. over E. slope.
23.50	Descend 30 ft. over NE. slope.
25.50	Gully, course S. 60° E. Ascend 210 ft. over SW. slope.
36.00	Spur, slopes SE. Descend 12 ft. over NE. slope.
38.60	Bottom of ravine, course SE. Ascend 41 ft. over S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in

Chains

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

S23		S24
-----	--	-----

1937

from which

A juniper, 4 ins. diam., bears N. $27\frac{1}{2}^{\circ}$ E., 80 lks. dist., marked BT. only.A juniper fork, 10 ins. diam., bears N. $14\frac{3}{4}^{\circ}$ W., 332 lks. dist., marked $\frac{1}{4}$ S23 BT.

Asc. 274 ft. over S. slope.

52.50 Spur, slopes S. 60° E. Descend 18 ft. over NE. slope.59.50 Bottom of ravine, course S. 70° E., near head. Ascend 450 ft. over steep SE. slope.

78.00 Top of mountain in ridge bearing NW. and E., with spur ridge extending SW. Asc. 14 ft. over top of mountain to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T15N.	R6W	
S14		S13
S23		S24

1937

from which

A juniper, 12 ins. diam., bears N. $14\frac{3}{4}^{\circ}$ E., 239 lks. dist., marked T15N R6W S13 BT.A juniper, 4 ins. diam., bears S. $26\frac{1}{4}^{\circ}$ E., 45 lks. dist., marked BT only.A juniper, 8 ins. diam., bears S. $80\frac{1}{4}^{\circ}$ W., 147 lks. dist., marked T15N R6W S23 BT.A juniper, 10 ins. diam., bears N. 21° W., 338 lks. dist., marked T15N R6W S14 BT.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, juniper and pinyon.

Undergrowth, oakbrush, mountain laurel, catclaw and cacti.

N. $89^{\circ} 58'$ E. on random line, bet. secs. 13 and 24.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect the cor. of secs. 13 and 24 on the E. bdy. of the Tp., hereinbefore described.

Thence

S. $89^{\circ} 58'$ W., on true line, bet. secs. 13 and 24.

Over mountainous land, thru scattering timber and undergrowth.

Descend 74 ft. over W. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

31

Chains	
4.57	Bottom of Smith Canyon, 40 lks. wide, course S., with stream of water, 5 lks. wide, 2 ins. deep. Ascend 554 ft. over steep E. slope.
19.30	Point of spur, slopes E. Asc. 102 ft. along top of spur.
30.00	Leave top of spur, slopes E. from SW. This spur heads in ridge, the top of which bears SW. about 5 chs. dist. in bend from N. 70° W. to S. Desc. 154 ft. over NW. slope to
40.08	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
	$\frac{1}{4} \frac{S \ 13}{S \ 24}$
	1937
	from which
	A juniper, 5 ins. diam., bears S. 43° E., 34 lks. dist., marked $\frac{1}{4}$ S24 BT.
	No other bearing tree available.
	Descend 27 ft. over NW. slope to
42.20	Ridge bears W. and S. 70° E. Desc. 29 ft. over W. slope along top of ridge.
44.80	Saddle, draining N. and S. Asc. 238 ft. over steep E. slope along top of ridge.
56.40	Top of steep ascent. Continue along top of ridge ascending 20 ft. to
66.48	Leave top of ridge and ascend 60 ft. over E. slope of mountain.
71.40	Top of mountain. Thence across same to sec. cor. Desc. 31 ft. over W. slope.
75.78	Asc. 25 ft. over E. slope.
80.16	The cor. of secs. 13, 14, 23 and 24. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon; sycamore and ash along Smith Canyon. Undergrowth, mountain laurel and cacti.
	N. 0° 01' W., bet. secs. 13 and 14.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Across top of mountain in ridge bearing NW. and E.
4.60	Leave top of mountain. Descend 468 ft. over steep rocky NE. slope.
28.56	Bottom of canyon, 20 lks. wide, course SE. Ascend 290 ft. over steep, rocky SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in

Chains	
	the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
 $\frac{1}{4}$ S14 S13
	1937
	from which
	A juniper, 6 ins. diam., bears S. $17\frac{3}{4}^{\circ}$ E., 75 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A juniper, 6 ins. diam., bears N. $33\frac{1}{4}^{\circ}$ W., 65 lks. dist., marked $\frac{1}{4}$ S14 BT.
	Asc. 357 ft. over steep rocky S. slope.
50.50	Top of cliff, 20 ft. high bearing E. and W., facing S. and forming rim of spur. Thence over nearly level top of spur, bearing NW. and SE.
56.70	Rim of spur, bears NW. and SE. Leave top of spur. Descend 493 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. 11, 12, 13 and 14, with brass cap marked
	T15N R6W S11 S12 S14 S13 1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw, mountain laurel and cacti.
	N. $89^{\circ} 58'$ E. on random line, bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect E. bdy. of the Tp. 2 lks. S. of the cor. of secs. 12 and 13, hereinbefore described.
	Thence
	S. $89^{\circ} 57'$ W., on true line, bet. secs. 12 and 13.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 145 ft. over NE. slope.
5.45	Spur, slopes S. Descend 592 ft. over SW. slope.
37.90	Bottom of Canyon, 30 lks. wide, containing water in pools, course SE. Ascend 48 ft. over E. slope to
40.08	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

Survey: Subdivision Lines: T. 15 N., R. 6 W.

33

Chains	
	$\frac{1}{4} \frac{S 12}{S 13}$ <p>1937</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.</p> <p>Ascend 178 ft. over steep, rocky E. slope.</p>
46.50	Spur, slopes S.. Thence across top of same.
50.50	Leave top of spur. Descend 195 ft. over SW. slope.
69.80	Bottom of canyon, 20 lks. wide, containing a stream of water, 3 lks. wide, 3 ins. deep, course SE. Ascend 173 ft. over NE. slope to
80.16	The cor. of secs. 11, 12, 13 and 14.
	<p>Land, mountainous.</p> <p>Soil, rocky, 4th rate.</p> <p>Timber, juniper, pinyon and sycamore.</p> <p>Undergrowth, oakbrush, catclaw and cacti.</p>
	N. 0° 01' W., bet. secs. 11 and 12.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Desc. 120 ft. over steep NE. slope.
4.00	<p>Bottom of canyon, 20 lks. wide, containing a stream of water, 4 lks. wide, 3 ins. deep, course S. 60° E. Asc. 620 ft. over precipitous, broken SW. slope to N. rim of canyon. Chaining is impracticable, therefore triangulate the measurement as follows:</p> <p>Set flag "A" on the cor. of secs. 11, 12, 13 and 14, and flag "B" on sec. line, N. 0° 01' W. therefrom, at 12 lks. beyond the N. rim of canyon. Vertical angle from "A" to "B" is + 15°.</p> <p>From "B" double chain a base N. 66° 35' W. to point "C", the mean of the two sets of chaining being 7.753 chs.</p> <p>From point "C" the flag "A" on sec. cor. bears S. 12° 51½' E.</p> <p>Included angles of triangle "A-B-C" are, 12° 50½', 113° 25½' and 53° 44', the sum of which is 180° 00'.</p> <p>Triangulated dist. "A" to "B" = 28.12 chs. N. 0° 01' W.</p>
28.00	N. rim of canyon, bears N. 70° W., and S. 70° E. Leave canyon and enter nearly level land, on mesa bearing NW. and SE.
	Resume chaining and continue line and measurement.
28.12	Triang. point "B".
36.72	Rim of mesa, bears N. 20° W. and S. 20° E. Leave mesa

BOOK 225

Survey: Subdivision Lines: T. 15 N., R. 6 W.

Chains	and enter mountainous land. Desc. 79 ft. over steep NE. 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						
	$\frac{1}{4}$						
	S11 S12.						
	1937						
	No bearing trees available..						
	Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.						
	Desc. 445 ft. over steep NE. slope.						
65.00	Foot of steep descent, bears SE. and NW. Thence along E. slope. Asc. 11 ft.						
68.72	Desc. 5 ft. over NE. slope.						
69.85	Bottom of ravine, 2 lks. wide, course SE. Ascend 90 ft. over SE. slope.						
76.20	Point of short spur, slopes E. Descend 66 ft. over steep NE. slope.						
79.70	Bottom of gulch, 25 lks. wide, course SE. Ascend 2 ft. over SW. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 23 ins. in the ground to bedrock, and in a small mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S2</td> <td>S1</td> </tr> <tr> <td style="border-top: 1px solid black;">S11</td> <td style="border-top: 1px solid black;">S12</td> </tr> </table>	T15N	R6W	S2	S1	S11	S12
T15N	R6W						
S2	S1						
S11	S12						
	1937						
	from which						
	A sycamore, 6 ins. diam., bears N. 72 $\frac{3}{4}$ ° E., 25 lks. dist., marked T15N R6W S1 BT.						
	A juniper, 12 ins. diam., bears S. 75 $\frac{1}{4}$ ° E., 37 lks. dist., marked T15N R6W S12 BT.						
	An ash, 6 ins. diam., bears S. 27 $\frac{1}{4}$ ° W., 67 lks. dist., marked T15N R6W S11 BT.						
	A sycamore, 12 ins. diam., bears N. 80 $\frac{3}{4}$ ° W., 69 lks. dist., marked T15N R6W S2 BT.						
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper, and pinyon, sycamore and ash along gulch. Undergrowth, oakbrush, catclaw and cacti.						
	N. 89° 57' E. on random line, bet. secs. 1 and 12.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.28	Intersect E. bdy. of the Tp. 2 lks. S. of the reestablished cor. of secs. 1 and 12, hereinbefore described.						

Survey: Subdivision Lines: T. 15 N., R. 6 W.

35

Chains	
	Thence
	S. 89° 56' W., on true line, bet. secs. 1 and 12.
	Over gently rolling land on Smith Mesa thru scattering timber and dense undergrowth. Desc. 41 ft. over W. slope to
11.40	Indefinite rim of Smith Mesa, bears NW. and S. Leave mesa and enter mountainous land. Desc. 120 ft. over W. slope.
20.30	Head of ravine, course NW. Descend 25 ft. over N. slope.
27.73	Pack trail, Willow Springs to Dumbell Ranch, bears NW. and SE.
30.01	Barbed wire fence (4 wire) bears N. 53 $\frac{3}{4}$ ° W. and S. 53 $\frac{3}{4}$ ° E.
36.25	Desc. 30 ft. over NW. slope to
40.14	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 1}{S \ 12}$
	1937
	from which
	A juniper limb, 12 ins. diam., bears N. 39° E., 71 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A juniper, 4 ins. diam., bears S. 7° E., 81 lks. dist., marked $\frac{1}{4}$ S12 BT.
	Descend 298 ft. over NW. slope.
60.18	Bottom of rocky ravine, 5 lks. wide, course SW. Ascend 48 ft. over SE. slope.
63.28	Point of spur, slopes S. Descend 164 ft. over SW. slope to
80.28	The cor. of secs. 1, 2, 11 and 12.
	Land, gently rolling and mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper and pinyon.
	Undergrowth, oakbrush, catclaw, mountain laurel and cacti.
	N. 0° 01' W., on random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.32	Intersect N. bdy. of the Tp. 16 lks. W. of the cor. of secs. 1, 2, 35 and 36, established under this group, which is an iron post; 2 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed by three bearing trees as described in the field notes of T. 16 N., R. 6 W.
	Thence
	S. 0° 06' W., on true line, bet. secs. 1 and 2.
	Over rolling land, strewn with malpais boulders, thru

Chains	scattering timber and undergrowth. Desc. 52 ft. over SW. slope to
4.90	Enter mountainous land. Desc. 173 ft. over steep SW. slope.
13.32	Head of ravine, course SW. Descend 94 ft. over rolling W. slope to $\frac{1}{4}$ sec. cor.
28.50	Corral bears West, 8.00 chs. dist.
40.32	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
	$\frac{1}{4}$
	S2 S1
	1937
	from which
	A juniper limb, 10 ins. diam., bears S. 59° E., 70 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A juniper, 4 ins. diam., bears N. 38° W., 31 lks. dist., marked $\frac{1}{4}$ S2 BT.
	Descend 26 ft. over SW. slope.
42.10	Wash, 5 lks. wide, course N. 80° W. Ascend 33 ft. over NW. slope.
52.62	Barbed wire fence (4 wire) bears N. 62° W. and S. 62° E. on top of divide between Smith Canyon and Cottonwood Creek, bears N. 55° E. and S. 55° W. Descend 14 ft. over S. slope.
56.65	Pack trail, Willow Springs to Dumbell Ranch, bears NW. and SE.
58.42	Wash, 8 lks. wide, course SW. near head. Asc. 12 ft. over NW. slope.
64.45	Desc. 25 ft. over W. slope.
73.40	Desc. 136 ft. over SW. slope to
80.32	The cor. of secs. 1, 2, 11 and 12, Land, rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.
	From the cor. of secs. 34 and 35, on S. bdy. of the Tp. hereinbefore described.
	N. 0° 01' W., bet. secs. 34 and 35.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 95 ft. over rocky SW. slope.
7.20	Spur, slopes NW. Desc. 17 ft. across top of same.
9.24	Pack trail, bears NE. and SW.
9.82	Barbed wire fence (3 wire) bears N. 69 $\frac{1}{4}$ ° W. and S. 69 $\frac{1}{4}$ ° E.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

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Chains							
12.00	Leave top of spur. Descend 72 ft. over N. slope.						
17.74	Draw, course NW.; desc. 61 ft. over W. slope.						
20.60	Spur, slopes NW. Descend 138 ft. over NE. slope.						
36.10	Bottom of ravine, 5 lks. wide, course NW. Descend 24 ft. over NW. slope to						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock and in a small mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked						
	$\frac{1}{4}$						
	S34 S35						
	1937						
	from which						
	A pinyon, 9 ins. diam., bears N. $64\frac{1}{4}^{\circ}$ E., 46 lks. dist., marked $\frac{1}{4}$ S35 BT.						
	A pinyon, 4 ins. diam., bears N. 51° W., 169 lks. dist., marked $\frac{1}{4}$ S34 BT.						
	Desc. 5 ft. over NW. slope.						
40.20	Gully, drains W. Ascend 100 ft. over SW. slope.						
45.25	Spur, slopes W. Descend 606 ft. over steep, broken NW. slope.						
67.70	Foot of steep descent, bears NE. and SW. Thence over nearly level land in bottom of Smith Canyon.						
71.90	Left bank of wash, 7 ft. high, bearing NE. and SW. Thence across wash; course S. $57\frac{1}{2}^{\circ}$ W. from N. $39\frac{1}{4}^{\circ}$ E., in bottom of Smith Canyon, containing pools of water.						
74.80	Right bank of wash, 6 ft. high, bears NE. and SW. Leave wash. Continue over nearly level bottom of canyon.						
76.00	Leave bottom of Smith Canyon, bears NE. and SW. Ascend 60 ft. over steep, rocky SE. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S27</td> <td>S26</td> </tr> <tr> <td>S34</td> <td>S35</td> </tr> </table>	T15N	R6W	S27	S26	S34	S35
T15N	R6W						
S27	S26						
S34	S35						
	1937						
	from which						
	A juniper, 6 ins. diam., bears N. $69\frac{1}{4}^{\circ}$ E., 307 lks. dist., marked T15N R6W S26 BT.						
	A juniper, 3 ins. diam., bears S. 45° E., 277 lks. dist., marked BT. only.						
	A juniper, 9 ins. diam., bears S. $65\frac{1}{2}^{\circ}$ W., 188 lks. dist., marked T15N R6W S34 BT.						
	A juniper, 6 ins. diam., bears N. 22° W., 65 lks. dist., marked T15N R6W S27 BT.						

Chains	<p>Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon; sycamore and cottonwood in Smith Canyon. Undergrowth, oakbrush, manzanita, mountain laurel and cacti. Fair grazing.</p>
	<p>East, on random line, bet. secs. 26 and 35.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 7 lks. N. of the cor. of secs. 25, 26, 35 and 36.
	Thence
	N. $89^{\circ} 57'$ W., on true line, bet. secs. 26 and 35.
	Over rolling land, thru scattering timber and dense undergrowth.
	Descend 10 ft. over NW. slope.
3.25	Draw, 3 lks. wide, course N. 20° E. Ascend 41 ft. over SE. slope.
7.20	Low, rocky spur, slopes NE. Descend 74 ft. over NW. slope.
15.00	Old pack trail, bears NE. and SW.
15.65	Draw, 4 lks. wide, course NE. Enter mountainous land. Ascend 92 ft. over SE. slope.
24.20	Rocky spur, slopes NE. Descend 182 ft. over broken NW. 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
	$\frac{1}{4} \begin{array}{l} S 26 \\ S 35 \end{array}$
	1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Desc. 530 ft. over steep broken, rocky NW. slope to
66.60	Foot of steep slope, bears NE. and SW. Enter rolling land. Descend 63 ft. over gradual NW. slope to
72.90	Left bank of wash, 6 ft. high, bearing NE. and SW. Thence across wash, course S. $39\frac{1}{2}^{\circ}$ W. from N. 55° E., in bottom of Smith Canyon, containing pools of water.
76.80	Right bank of wash, bears NE. and SW. Leave wash and bottom of Smith Canyon and enter mountainous land. Ascend 45 ft. over rocky SE. slope to
80.00	The cor. of secs. 26, 27, 34 and 35.
	<p>Land, rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon; oak, mesquite and sycamore in Smith Canyon. Undergrowth, oakbrush, mountain laurel, catclaw and cacti.</p>

Survey: Subdivision Lines: T. 15 N., R. 6 W.

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Chains	<p>N. 0° 01' W., bet. secs. 26 and 27.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth.</p> <p>Ascend 122 ft. over steep, rocky SE. slope to</p> <p>3.10 Top of broken cliffs, 70 ft. high, bearing N. 80° E. and S. 80° W. near E. end of same. Ascend 253 ft. over steep S. slope.</p> <p>12.00 Point of spur, slopes SE. Descend 8 ft. over NE. slope.</p> <p>13.30 Bottom of ravine, course SE. Ascend 107 ft. over steep, rocky, broken SE. slope to</p> <p>19.28 Top of steep ascent, bears NE. and SW. Enter rolling land. Asc. 146 ft. over SE. slope to $\frac{1}{4}$ sec. cor.</p> <p>34.00 Old cow trail, bears E. and W.</p> <p>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</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S27 S26</p> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A juniper limb, 7 ins. diam., bears S. 73° E., 277 lks. dist., marked $\frac{1}{4}$ S26 BT.</p> <p>A juniper, 4 ins. diam., bears S. 89$\frac{1}{2}$° W., 74 lks. dist., marked $\frac{1}{4}$ S27 BT.</p> <p>Continue over rolling land.. Asc. 95 ft. over SE. slope.</p> <p>40.90 Barbed wire corral, bears W., 11.70 chs. dist.</p> <p>67.30 Spur, slopes E. Enter mountainous land. Descend 74 ft. over N. slope.</p> <p>72.20 Draw, course E. Ascend 58 ft. over SE. slope to sec. cor. point.</p> <p>72.75 Pack trail, bears NE. and SW.</p> <p>79.80 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for witness cor. to cor. of secs. 22, 23, 26 and 27, with brass cap marked</p> <p style="text-align: center;">WC</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S22</td> <td>S23</td> </tr> <tr> <td>S27</td> <td>S26</td> </tr> </table> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., bears S. 19$\frac{3}{4}$° E., 199 lks. dist., marked WC T15N R6W S26 BT.</p> <p>No other bearing trees available.</p> <p>Raise a mound of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> <p>80.00 True point for cor. of secs. 22, 23, 26 and 27 is on steep</p>	T15N	R6W	S22	S23	S27	S26
T15N	R6W						
S22	S23						
S27	S26						

Chains	
	sloping rock where it is impracticable to monument the cor., therefore establish witness cor. at 0.20 chs. S. 0° 01' E. as described above.
	Land, mountainous, broken and rolling. Soil, rocky, 3rd and 4th rates. Timber, juniper, pinyon and mesquite. Undergrowth, oakbrush, mountain laurel, catclaw and cacti.
	From true point for cor. of secs. 22, 23, 26 and 27. S. 89° 57' E., on random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect the cor. of secs. 23, 24, 25 and 26. Thence N. 89° 57' W., on true line, bet. secs. 23 and 26. Over mountainous land, thru scattering timber and dense undergrowth. Ascend 30 ft. over NE. slope.
3.14	Spur, slopes SE. Asc. gradually over S. slope.
6.14	Bottom of ravine, 3 lks. wide, course SE. Ascend 172 ft. over NE. slope.
19.60	Rocky spur, slopes SE. Descend 49 ft. over SW. slope.
24.44	Head of rocky ravine, course S. Ascend 79 ft. over E. slope, strewn with large granite boulders.
31.10	Rocky spur, slopes S. 5° E. Descend 209 ft. over steep, rocky SW. slope to
39.92	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S\ 23}{S\ 26}$
	1937
	No bearing trees available. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Descend 160 ft. over SW. slope, strewn with large granite boulders.
49.04	Bottom of ravine, 6 lks. wide, course S. Ascend 57 ft. over SE. slope.
52.30	Spur, slopes S. Descend 52 ft. over SW. slope.
60.44	Bottom of rocky gulch, 15 lks. wide, course SE., from N. Ascend 84 ft. over NE. slope.
61.34	Pack trail, Tonto Ranger Station to Willow Springs, bears N. 8° W. and S. 8° E.
65.44	Point of spur, slopes NE. Descend 20 ft. over N. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

BOOK 4205

41

Chains

70.14 Draw, course N. 75° E. Pack trail, bears NE. and SW:
Ascend 101 ft. over broken SE. slope to

79.84 True point for cor. of secs. 22; 23, 26 and 27.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper, pinyon and mesquite.

Undergrowth, oakbrush, mountain laurel, catclaw and cacti.

From true point for cor. of secs. 22, 23, 26 and 27,

N. 0° 01' W., bet. secs. 22 and 23.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 30 ft. over SE. slope.

12.00 Low spur slopes N. 45° E., from W. Desc. 50 ft. over NW. slope.

5.50 S. edge of sink basin, bears N. 5° E. and N. 40° W., thence across basin near E. edge of same.

15.50 N. edge of basin, bears W. and S. 5° E., at foot of precipitous S. slope.

Discontinue chaining and obtain measurement to point ahead on sec. line at top of precipitous slope, by triangulation as follows:

Set flag "A" at true point for cor. of secs. 22, 23, 26 and 27, and a flag "B" on sec.

line N. 0° 01' W. therefrom, 16

lks. beyond the top of cliffs.

Vertical angle "A" to "B" is

+ 12°.

From "B" double chain a base

S. 75° 20' E. to point "C".

Mean length of base is 10.905

chs.

From "C" the flag "A" bears

S. 25° 12½' W.

Included angles of triangle "A-B-C" are, 25° 13½',

75° 19' and 79° 27½', the sum of which is 180° 00'.

Triangulated dist. "A" to "B" = 25.16 chs. N. 0° 01' W.

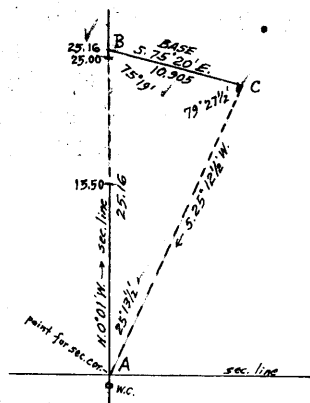
23.00 (Approx.) Foot of cliff, about 75 ft. high, bearing S. 75° E. and S. 60° W., facing S. Asc. over face of cliff to

25.00 Top of cliff, bearing S. 75° E. and S. 60° W., forming S. edge of top of a spur ridge sloping SW. from E. Resume chaining.

Across gently rolling top of spur ridge, Asc. 34 ft. over gradual S. slope.

25.16 Triangulation point "B".

33.00 N. edge of top of spur ridge, bears E. and SW. Leave top of ridge. Continue over gently rolling land. Desc. 15 ft. over N. slope to



Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 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
- $\frac{1}{4}$
S22 | S23
1937
- No bearing trees available.
- Continue over gently rolling land. Desc. 41 ft. over N. slope.
- 43.95 Draw, course W. Ascend 14 ft. over SW. slope.
- 52.46 Spur, slopes SW. Descend 17 ft. over NW. slope.
- 57.05 Head of ravine, course S. 60° W. Enter mountainous land. Ascend 136 ft. over SW. slope.
- 63.70 Point of spur, slopes W. Descend 37 ft. over NW. slope.
- 66.94 Wash, 10 lks. wide, course S. 60° W. Ascend 14 ft. over S. slope.
- 68.70 Point of spur, slopes S. 70° W. Descend 25 ft. over NW. slope.
- 69.71 Wash, 30 lks. wide, course S. 50° W. about 3 chs. then S. Ascend 170 ft. over 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. 14, 15, 22 and 23, with brass cap marked
- T15N R6W.
S15 | S14
S22 | S23
1937
- No bearing trees available.
- Land, mountainous and rolling.
Soil, rocky and gravelly, 3rd and 4th rates.
Timber, juniper.
Undergrowth, oakbrush and mountain mahogany.
-
- S. 89° 57' E.; on random line, bet. secs. 14 and 23.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.84 Intersect N. and S. line 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.
- Thence
- N. 89° 58' W., on true line, bet. secs. 14 and 23.
- Over mountainous land, thru scattering timber and undergrowth. Across rolling top of mountain in ridge bearing NW. and E.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

BOOK 4208

43

Chains	
	Asc. 18 ft. over E. slope.
7.07	Leave top of mountain, bears NE. and SE. Descend 407 ft. over steep W. slope.
8.43	A point from which N. gable of George Peter cabin at Willow Springs, bears S. 50° 32' W. NE. cor. of pasture fence bears S. 75° 12' W. and NW. cor. of same pasture fence bears S. 77° 28' W.
22.43	Saddle, draining N. and S. Asc. 52 ft. over E. slope.
24.90	Top of small granite knoll. Descend 116 ft. over NW. slope.
30.74	Bottom of ravine, course S. 70° W. Enter rolling land. Ascend 11 ft. over SE. slope.
33.10	Point of spur, slopes SW. Descend 18 ft. over NW. slope.
34.68	A point from which N. gable of George Peter cabin at Willow Springs bears S. 13° 05' W. NE. cor. of pasture fence bears S. 79° 30' E. and NW. cor. of same pasture fence bears S. 40° 50' W.
38.30	Wash, 10 lks. wide, course S. Ascend 5 ft. over SE. 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
	$\frac{1}{4} \begin{array}{l} S 14 \\ S 23 \end{array}$
	1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
	Continue over rolling land. Asc. 66 ft. over gradual SE. slope.
40.33	Pack trail, Dumbell Ranch to Willow Springs, bears N. 44 $\frac{3}{4}$ ° W. and S. 5 $\frac{3}{4}$ ° W.
54.62	Leave rolling and enter mountainous land. Asc. 105 ft. over steep SE. slope.
58.80	Granite spur ridge, slopes S. from NE. Descend 152 ft. over NW. slope.
66.20	Wash, 25 lks. wide, course S. 30° W. Ascend 133 ft. over SE. slope to
79.84	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous and rolling.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oakbrush, mountain laurel and cacti.
	N. 0° 01' W., bet. secs. 14 and 15.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 238 ft. over steep SE. slope strewn with large

Chains	granite boulders.
12.12	Desc. 75 ft. over E. slope.
22.29	A point from which U. S. Forest Service triangulation station on W. end of Mt. Sheridan bears N. 22° W.. Descend .175 ft. over NE. slope.
35.20	Wash, 3 lks. wide, course SE. Ascend 26 ft. over S. 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
	$\frac{1}{4}$
	S15 S14
	1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Ascend 115 ft. over rocky S. slope to
50.80	Asc. 320 ft. over SW. slope.
73.45	Rocky spur, slopes SE. Descend 86 ft. over 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. 10, 11, 14 and 15, with brass cap marked
	T15N R6W S10 S11 S15 S14
	1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, mountain laurel and cacti.
	S. 89° 58' E. on random line, bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.76	Intersect N. and S. line 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	S. 89° 59' W., on true line, bet. secs. 11 and 14.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 474 ft. over steep NE. slope.
25.02	Top of steep ascent bears NW. and SE. Enter rolling land. Ascend 74 ft. over gradual SE. slope.

Survey; Subdivision Lines: T. 15 N., R. 6 W.

45

Chains	
34.95	Spur, slopes SE. Thence across nearly level top of same.
39.00	Leave top of spur, and enter mountainous land. Desc. 7 ft. over S. slope to
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{l} S 11 \\ S 14 \end{array}$
	1937
	No bearing trees available.
	Descend 63 ft. over S. slope.
52.00	Head of draw, course SE. Asc. 20 ft. over SE. slope.
55.65	Spur ridge, slopes SE. Descend 239 ft. over SW. slope.
74.03	Pack trail, Dumbell Ranch to Willow Springs, bears NW. and SE.
74.65	Bottom of ravine, course S. Ascend 36 ft. over NE. slope to
79.76	The cor. of secs. 10, 11, 14 and 15.
	Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, catclaw and cacti.
	N. 0° 01' W., bet. secs. 10 and 11.
	Over mountainous land, thru scattering timber and undergrowth.
	Descend 13 ft. over NE. slope.
1.40	Foot of descent bears SE. and NW. Ascend 67 ft. over gradual SE. slope.
11.00	Saddle draining NW. and SE.; in spur ridge from high mountain about 20 chs. NE. Asc. 263 ft. over SW. slope.
20.34	Pack trail, Dumbell Ranch to Willow Springs, bears N. 36 $\frac{3}{4}$ ° W. and S. 37 $\frac{3}{4}$ ° E.
32.50	Spur, slopes W. from mountain. Descend 50 ft. over NW. 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
	$\frac{1}{4}$
	S10 S11
	1937
	from which
	. A juniper, 5 ins. diam., bears N. 14 $\frac{1}{2}$ ° E., 79 lks. dist., marked $\frac{1}{4}$ S11 BT.
	A juniper, 4 ins. diam., bears N. 88° W., 58 lks.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

46

Chains	dist., marked BT only.						
	Descend 15 ft. over NW. slope.						
42:30	Pack trail, Dumbell Ranch to Willow Springs, bears N. $27\frac{1}{2}^{\circ}$ E. and S. $12\frac{1}{4}^{\circ}$ W.						
43:00	Saddle draining NE. and SW. in spur ridge bearing NW. and SE. from Sheridan Mountain about 30 chs. NW. Descend 33 ft. over NE. slope.						
46.59	Pack trail, Dumbell Ranch to Cottonwood Creek, bears S. $87\frac{1}{2}^{\circ}$ E. and S. 41° W.						
54.00	Bottom of ravine, course SE. Ascend 255 ft. over steep SW. slope.						
65.00	High spur, slopes S. 60° E. from Sheridan Mountain. Descend 77 ft. over NE. slope.						
70:10	Bottom of ravine, course S. 50° E. Ascend 134 ft. over SE. slope to						
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. 2, 3, 10 and 11, with brass cap marked						
	<table border="1"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S3</td> <td>S2</td> </tr> <tr> <td>S10</td> <td>S11</td> </tr> </table>	T15N	R6W	S3	S2	S10	S11
T15N	R6W						
S3	S2						
S10	S11						
	1937						
	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. Undergrowth, oakbrush, mountain laurel and cacti.						
	N. $89^{\circ} 59'$ E. on random line, bet. secs. 2 and 11.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.90	Intersect the cor. of secs. 1, 2, 11 and 12.						
	Thence						
	S. $89^{\circ} 59'$ W., on true line, bet. secs. 2 and 11.						
	Over mountainous land, thru scattering timber and dense undergrowth.						
	Descend 2 ft. over SW. slope.						
0.20	Bottom of rocky gulch, 25 lks. wide, course SE. Ascend 175 ft. over steep NE. slope.						
6.90	Top of low butte, at end of spur from SW. Waterfall, 40 ft. high, facing E. in ravine, bears N., about 3 chs. dist. Descend 70 ft. over NW. slope.						
12.00	Bottom of ravine, with stream of water 2 lks. wide, 2 ins. deep, course NE. Ascend 5 ft. over SE. slope.						

Survey: Subdivision Lines: T. 15 N., R. 6 W.

47

Chains	
13.90	Point of spur, slopes SE. Asc. slightly over S. slope.
15.50	Bend in same ravine, course SE., from SW. Spring bears SE. about 2 chs. dist. Ascend 132 ft. over SE. slope.
16.60	Bull trap, bears S., 1.50 chs. dist.
19.70	Pack trail, Dumbell Ranch to Willow Springs, bears N. $52\frac{1}{4}^\circ$ E. and S. $45\frac{1}{4}^\circ$ W.
25.60	Asc. 55 ft. over rolling S. slope to
39.95	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
	$\frac{1}{4} \frac{S 2}{S 11}$
	1937
	from which
	A juniper, 20 ins. diam., bears N. $8\frac{1}{4}^\circ$ E., 64 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A juniper, 4 ins. diam., bears S. $17\frac{1}{2}^\circ$ W., 51 lks. dist., marked $\frac{1}{4}$ S11 BT.
	Desc. 32 ft. over SW. slope.
49.10	Bottom of ravine, 3 lks. wide, course SE. Ascend 24 ft. over E. slope.
53.90	Asc. 482 ft. over rolling SE. slope to
79.90	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush, catclaw and cacti.
	N. $0^\circ 06'$ E., on random line, bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.24	Intersect N. bdy. of the Tp. 19 lks. E. of the cor. of secs. 2, 3, 34 and 35, established under this group, which is an iron post, 2 ins. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed by four bearing trees as described in the field notes of T. 16 N., R. 6 W.
	Thence
	S. $0^\circ 02'$ E., on true line, bet. secs. 2 and 3.
	Over rolling land, thru scattering timber and dense undergrowth.
	Descend 87 ft. over S. slope.
12.24	Pack trail, Dumbell Ranch to Camp Wood, bears N. $72\frac{1}{2}^\circ$ E. and N. $85\frac{1}{2}^\circ$ W.
13.85	Wash, 12 lks. wide, containing a stream of water 2 lks. wide, course W. Ascend 59 ft. over NW. and W. slopes.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

48

Chains	
23.34	Bottom of ravine, 3 lks. wide, course NW. Enter mountainous land. Asc. 262 ft. over N. slope to $\frac{1}{4}$ sec. cor.
28.15	Barbed wire fence (4 wire) bears N. $58^{\circ} 35'$ E., 22.17 chs. to W. side of pole corral, and S. $57^{\circ} 05'$ W., 38.04 chs. to fence post on top of ridge.
40.24	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
	$\frac{1}{4}$ S3 S2
	1937 from which
	A juniper, 8 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ E., 91 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A pinyon, 5 ins. diam., bears S. 81° W., 45 lks. dist., marked $\frac{1}{4}$ S3 BT.
	Asc. 48 ft. over N. slope.
43.39	Spur, slopes NW. Descend 67 ft. over SW. slope.
52.78	Bottom of ravine, 4 lks. wide, course NW. Ascend 482 ft. over steep N. slope.
78.23	High ridge forming divide between Smith Canyon and Cottonwood Creek, bears NE. and SW., sloping NE. from Sheridan Mountain. Descend 14 ft. over SE. slope to
80.24	The cor. of secs. 2, 3, 10 and 11. Land, rolling and mountainous. Soil, rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.
	From the reestablished cor. of secs. 33 and 34 on the S. bdy. of the Tp., hereinbefore described.
	N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.
	Over rolling land, thru scattering timber and dense undergrowth. Desc. gradually over NE. slope.
3.40	Enter mountainous land. Desc. 103 ft. over N. slope.
14.00	Drain, course W. Ascend 26 ft. over S. slope.
16.00	Spur, slopes W. Enter dense timber, bears NE. and SW. Descend 274 ft. over steep NW. slope.
28.00	Bottom of Smith Canyon, 200 lks. wide, course N. $78\frac{1}{2}^{\circ}$ W., from N. $79\frac{1}{2}^{\circ}$ E., containing pools of water. Trail, following bottom of canyon. Leave mountainous and enter gently rolling land. Asc. gradually over SW. slope to
32.00	Wash, 40 lks. wide, 4 ft. deep, course SW. Asc. gradually over SE. slope.
38.00	Same wash, 30 lks. wide, 3 ft. deep, course SE. Leave dense and enter scattering timber, bears NE. and SW. Asc. slightly over SW. slope to

Survey: Subdivision Lines: T. 15 N., R. 6 W.

49

Chains

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

 $\frac{1}{4}$

S33 | S34

1937

from which

A juniper, 24 ins. diam., bears S. $22\frac{3}{4}^{\circ}$ E., 122 lks. dist., marked $\frac{1}{4}$ S34 BT.

No other bearing tree available.

Continue over gently rolling land. Asc. gradually over SW. slope to

43.20 Same wash, 40 lks. wide, 4 ft. deep, course SW. Leave gently rolling and enter mountainous land, Ascend 100 ft. over SE. slope.

50.30 Point of spur slopes SE. Descend 29 ft. over NE. slope.

54.00 Same wash, 40 lks. wide, course SE. Ascend 45 ft. over SW. slope.

57.00 Point of spur, slopes SW. Descend 15 ft. over NW. slope.

59.00 Same wash, course SW. for 2.50 chs. where it turns to SE. Ascend 305 ft. over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T15N	R6W	.	.
S28	S27	.	.
S33	S34	.	.

1937

from which

A juniper, 6 ins. diam., bears S. 14° E., 166 lks. dist., marked T15N R6W S34 BT.

A juniper, 8 ins. diam., bears N. $71\frac{3}{4}^{\circ}$ W., 88 lks. dist., marked T15N R6W S28 BT.

No other bearing trees available.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, juniper, oak, mesquite, cottonwood and sycamore.

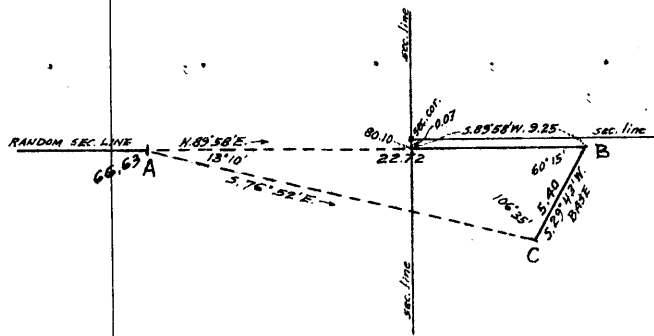
Undergrowth, oakbrush, catclaw, mountain laurel and cacti.

N. $89^{\circ} 58'$ E., on random line, bet. secs. 27 and 34.

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

66.63 Owing to cliffs ahead, discontinue chaining and obtain measurement of remainder of line by triangulation as follows:

Chains



Designate this station on random line as "A".

Set flag "B" ahead on random line beyond the objective sec. cor., from which double chain a base S. 29° 43' W., to point "C".

Mean of the two measurements is 5.40 chs. A flag at point "C" bears S. 76° 52' E. from "A".

Included angles of triangle "A-B-C" are: 13° 10', 60° 15' and 106° 35', the sum of which is 180° 00'.

Triang. dist. on random line "A" to "B" = 22.72 chs. N. 89° 58' E.
 Chained dist. on random line to "A" = 66.63 chs. " 58' E.
 Total dist. on random line to "B" = 89.35 chs. N. 89° 58' E.
 Return chaining on random line 9.25 chs, S. 89° 58' W.

80.10 Intersect N. and S. line 7 lks, S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S. 89° 55' W., on true line, bet. secs. 27 and 34.

Over mountainous land on N. side of Smith Canyon, thru scattering timber and undergrowth. Measurement to 13.47 ch. station by triangulation, hereinbefore described.

Ascend about 180 ft. over broken SE. slope to

13.47 A point 6 lks. N. of triangulation point "A". Top of cliff, bearing NE. and SW., facing SE. Descend 16 ft. along S. slope.

16.91 Desc. 20 ft. over SW. slope.

23.10 Bottom of ravine, course S. Ascend 42 ft. over SE. slope.

25.22 Desc. 16 ft. over SW. slope.

30.10 Bottom of ravine, course S. Ascend 175 ft. over broken SE. slope to

40.05 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 ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 27}{S 34}$$

1937

from which

A juniper, 6 ins. diam., bears N. 31¼° E., 99 lks. dist., marked ¼ S27 BT.

A juniper, 6 ins. diam., bears S. 4¼° E., 120 lks. dist., marked ¼ S34 BT.

Ascend 88 ft. over SE. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

Chains

- 45.35 Spur, slopes S. Descend 448 ft. over SW. slope.
- 52.08 Blazed trail, bears N. 22 1/4° E., and S. 10 1/4° W.
- 57.83 Barbed wire fence (4 wire) bears N. 8 1/4° W. and S. 3 1/4° W.
- 72.30 Wash, 40 lks. wide, 3 ft. deep, course S. 10° W. Ascend 226 ft. over SE. slope to
- 80.10 The cor. of secs. 27, 28, 33. and 34. .

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper, oak, mesquite and sycamore.
 Undergrowth, oakbrush, catclaw, laurel and cacti.

N. 0° 02' W., bet. secs. 27 and 28.

Over mountainous land, thru scattering timber and undergrowth.

Asc. about 685 ft. over steep, rocky, broken SE. slope and cliffs to rim of mesa. Chaining is impracticable, therefore triangulate as follows:

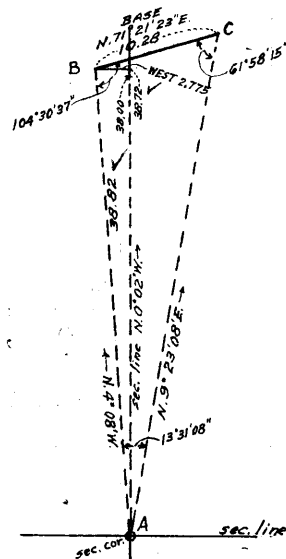
Designate the cor. of secs. 27, 28, 33 and 34 as point "A".

Set a flag "B" on narrow bench below rim of mesa, and bearing N. 4° 08' W. from "A".

Set flag "C" on same bench, and bearing N. 9° 23' 08" E. from "A".

The mean of two sets of measurement of the base "B-C" is 10.28 chs. and the bearing is N. 71° 21' 23" E.

Included angles of the triangle "A-B-C" are, 13° 31' 08", 104° 30' 37" and 61° 58' 15", the sum of which is 180° 00'.



Triangulated dist. "A" to "B" = 38.82 chs. N. 4° 08' W., from which compute the position of flag "B" to be 2.775 chs. W. of 38.72 ch. station on sec. line, therefore, from "B" chain measurement East that distance to point on sec. line, N. 72 lks. from the rim of bench and top of cliffs.

(Approx.) 33.00 Foot of cliffs, bearing N. 60° E. and S. 60° W., facing SE.

38.00 Top of cliffs and rim of bench, bears N. 71 1/2° E. and S. 71 1/2° W. Begin chaining and continue line and measurement. Asc. slightly over narrow bench 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 1/2 sec. cor., with brass cap marked

1/4
S28 | S27

1937

No bearing trees available.

BOOK

Survey: Subdivision Lines: T. 15 N., R. 6 W.

52

Chains	<p>Leave bench.</p> <p>Ascend 26 ft. over SE. slope to</p> <p>40.70 Rim of mesa, bears NE. and SW. The S. end of a barbed wire fence (4 wire) extending N. 3° E. from rim of mesa, bears S. 65° W., 6.35 chs. dist. Leave mountainous and enter nearly level land, dense timber and scattering undergrowth on mesa.</p> <p>70.80 Fence cor. bears W. 4 chs. dist. from which barbed wire fences (4 wire) extend S. 3° W. and NW.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 21, 22, 27 and 28, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S21</td> <td>S22</td> </tr> <tr> <td>S28</td> <td>S27</td> </tr> </table> <p>1937</p> <p>from which</p> <p>A juniper, 6 ins. diam., bears N. 42½° E., 19 lks. dist., marked T15N R6W S22 BT.</p> <p>A juniper, 10 ins. diam., bears S. 60° E., 64 lks. dist., marked T15N R6W S27 BT.</p> <p>A juniper, 6 ins. diam., bears S. 45½° W., 77 lks. dist., marked T15N R6W S28 BT.</p> <p>A juniper, 12 ins. diam., bears N. 85° W., 225 lks. dist., marked T15N R6W S21 BT.</p> <p>Land, mountainous and nearly level. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush and cacti.</p> </div> <hr/> <p>N. 89° 55' E., on random line, bet. secs. 22 and 27.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>79.98 Intersect N. and S. line 2 lks. S. of the true point for cor. of secs. 22, 23, 26 and 27.</p> <p>Thence</p> <p>S. 89° 54' W., on true line, bet. secs. 22 and 27.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth.</p> <p>Ascend 16 ft. over SE. slope.</p> <p>1.80 Low, short spur, slopes S. Descend 34 ft. over W. slope.</p> <p>5.00 Bottom of draw, 100 lks. wide, course S. Ascend 175 ft. over SE. slope.</p> <p>12.00 Low spur, slopes SE. Descend 74 ft. over W. slope.</p> <p>16.40 Bottom of rocky draw, course S. Ascend 180 ft. over broken E. slope.</p> <p>24.83 Sharp, narrow, spur ridge, slopes S. from NE. Descend</p>	T15N	R6W	S21	S22	S28	S27
T15N	R6W						
S21	S22						
S28	S27						

Survey; Subdivision Lines: T. 15 N., R. 6 W.

53

Chains	253 ft. over steep W. slope.
30.10	Wash, 30 lks. wide, course S. 20° W. in bottom of canyon. Ascend 281 ft. over steep SE. slope to
39.99	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
	$\frac{1}{4}$ $\frac{S\ 22}{S\ 27}$
	1937
	from which
	A juniper, 8 ins. diam., bears S. 69° E., 90 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A juniper, 6 ins. diam., bears N. 12° W., 101 lks. dist., marked $\frac{1}{4}$ S22 BT.
	Asc. 23 ft. over steep SE. slope to
40.80	Rim of mesa, bears N. and SW. Leave mountainous and enter nearly level land, dense timber and scattering undergrowth, on mesa.
79.98	The cor. of secs. 21, 22, 27 and 28.
	Land, mountainous and nearly level. Soil, rocky and rocky clay, 4th rate. Timber, juniper, oak and pinyon. Undergrowth, oakbrush, laurel, scrub mesquite and manzanita.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over nearly level land on mesa, thru dense timber and scattering undergrowth.
5.00	Leave nearly level and enter gently rolling land, continuing over mesa. Asc. 201 ft. over gradual S. slope to
40.00	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
	$\frac{1}{4}$
	S21 S22
	1937
	from which
	A juniper, 6 ins. diam., bears S. 80 $\frac{1}{2}$ ° E., 72 lks. dist., marked $\frac{1}{4}$ S22 BT.
	A juniper, 6 ins. diam., bears S. 32 $\frac{1}{4}$ ° W., 89 lks. dist., marked $\frac{1}{4}$ S21 BT.
	Thence over nearly level land on mesa, continuing thru dense timber and scattering undergrowth.
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. 15, 16, 21 and 22, with brass cap marked

Chains

T15N. R6W	
S16	S15
S21	S22

1937

from which

A juniper, 8 ins. diam., bears N. 55° E., 133 lks. dist., marked T15N R6W S15 BT.

A juniper, 20 ins. diam., bears S. $35\frac{1}{4}^{\circ}$ E., 85 lks. dist., marked T15N R6W S22 BT.

A juniper, 20 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ W., 29 lks. dist., marked T15N R6W S21 BT.

A juniper, 14 ins. diam., bears N. $60\frac{1}{2}^{\circ}$ W., 61 lks. dist., marked T15N R6W S16 BT.

Land, nearly level and gently rolling.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oakbrush and cacti.

N. $89^{\circ} 54'$ E., on random line, bet. secs. 15 and 22.

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

79.94 Intersect N. and S. line 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence

S. $89^{\circ} 55'$ W., on true line, bet. secs. 15 and 22.

Over mountainous land, thru scattering timber and dense undergrowth.

Ascend 80 ft. over broken SE. slope.

3.70 Rocky spur ridge, bearing NE. and SW., sloping SW. Thence across top of same.

4.10 Leave top of spur ridge. Descend 271 ft. over W. slope.

15.90 Foot of descent, bears N. and S. Leave mountainous and enter nearly level land.

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

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

1937

No bearing trees available.

Dig pits 18x18x12 ins. one each, E. and W. of post, 3 ft. dist.

Continue over nearly level land.

47.37 Barbed wire fence (.4 wire) bears N. 21° W. and S. 16° E.

53.90 Leave nearly level and enter rolling and mountainous land, bears N. and SE. Descend 11 ft. over W. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

55

Chains	
55.30	Wash, 25 lks. wide, containing pools of water, course S. 20° E. Ascend 200 ft. over E. slope.
67.70	Rim of mesa, bears NW. and SE. Thence over gently rolling land on mesa, thru scattering timber and undergrowth.
69.90	Desc. 18 ft. over SW. slope.
73.20	Drain, course SE. Continue over mesa. Timber becomes dense. Asc. 35 ft. over SE. slope to
79.94	The cor. of secs. 15, 16, 21 and 22. Land, mountainous, nearly level and rolling. Soil, sandy and rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, oakbrush, manzanita, laurel and cacti.
	N. 0° 02' W., bet. secs. 15 and 16. Over gently rolling and nearly level land, on mesa, thru dense timber and scattering undergrowth. Asc. over very gradual SE. slope..
23.00	Rim of mesa, bears NW. and SE. Leave mesa and enter mountainous land, scattering timber and dense undergrowth. Desc. 77 ft. over NE. slope to
30.00	Descend 20 ft. over E. 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 $\frac{1}{4}$ S16 S15 1937 from which A juniper, 6 ins. diam., bears S. 42° E., 57 lks. dist., marked $\frac{1}{4}$ S15 BT. A juniper, 6 ins. diam., bears S. 52½° W., 87 lks. dist., marked $\frac{1}{4}$ S16 BT. Desc. gradually over E. slope.
42.06	Draw, course NW. Pack trail, Dumbell Ranch to Cottonwood, bears N. 71¼° E. and N. 55½° W. Asc. 221 ft. over SW. slope to
50.70	S. end of spur ridge from Sheridan Mountain, bears N. 10° E. and S. 10° W. Asc. 50 ft. over broken W. slope to
65.00	Desc. 63 ft. over NW. slope.
70.00	Drain, course SW. near head. Enter very dense undergrowth. Asc. 80 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

Survey: Subdivision Lines: T. 15 N., R. 6 W.

56

Chains

T15N	R6W
S9	S10
S16	S15

1937

No bearing trees available.

Land, gently rolling, nearly level and mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pinyon.
Undergrowth, oakbrush, laurel and manzanita.

N. 89° 55' E., on random line, bet. secs. 10 and 15.

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

80.02 Intersect the cor. of secs. 10, 11, 14 and 15.

Thence

S. 89° 55' W., on true line, bet. secs. 10 and 15.

Over mountainous land, thru scattering timber and dense undergrowth.

Ascend 88 ft. over NE. slope.

9.20 Spur ridge, slopes S. 5° W. Descend 315 ft. over NW. slope.

39.00 Wash, 15 lks. wide, course SW. Leave mountainous and enter gently rolling land. Asc. 5 ft. over SE. slope to

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 10}{S 15}$$

1937

from which

A juniper, 6 ins. diam., bears S. 29° W., 106 lks. dist., marked $\frac{1}{4}$ S15 BT.A juniper, 6 ins. diam., bears N. 9° W., 104 lks. dist., marked $\frac{1}{4}$ S10 BT.

Continue over gently rolling land. Asc. 25 ft. over gradual SE. slope.

43.26 Pack trail, Dumbell Ranch to Cottonwood, bears N. 39 $\frac{1}{2}$ ° E. and S. 1 $\frac{1}{4}$ ° E.46.59 Barbed wire fence (4 wire) bears N. 22 $\frac{3}{4}$ ° E. and S. 21 $\frac{1}{2}$ ° W.

51.50 Enter mountainous land. Asc. 85 ft. over SE. slope.

56.39 Desc. 29 ft. over SW. slope.

58.64 Draw, course SE.; asc. 230 ft. over boulder strewn SE. slope.

73.00 Spur ridge from Sheridan Mountain, bears N. 10° E. and S. 10° W. Enter very dense undergrowth. Descend 167 ft. over SW. slope to

Survey: Subdivision Lines: T. 15 N., R. 6 W.

4205

57

Chains

80.02

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

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

N. 0° 02' W., bet. secs. 9 and 10.

Over mountainous land, thru scattering timber and dense undergrowth. Ascend gradually over W. slope.

12.30

Ascend 57 ft. over SW. slope.

16.26

Spur, slopes W. Descend 152 ft. over NW. slope.

26.89

Drain, course W. Ascend 166 ft. over SW. slope.

36.70

Spur, slopes NW. Descend 96 ft. over NW. 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

 $\frac{1}{4}$

S9 | S10

1937

No bearing trees available.

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

Descend 40 ft. over NW. slope.

43.00

Wash, 15 lks. wide, course SW. Ascend 75 ft. over SW. slope.

49.53

Point of spur, slopes W. Descend 46 ft. over NW. slope.

54.48

Drain, course SW. Ascend 87 ft. over SW. slope.

60.16

Spur, slopes W. Descend 62 ft. over NW. slope.

70.28

Draw, course W. Ascend 33 ft. over S. slope.

78.00

Spur, slopes W. Descend 10 ft. over NW. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T15N R6W

S4 | S3

S9 | S10

1937

No bearing trees available.

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

Chains	N. 89° 55' E., on random line, bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence
	S. 89° 50' W., on true line, bet. secs. 3 and 10.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 136 ft. over steep SE. slope.
4.20	High ridge, forming divide bet. Smith Canyon and Cottonwood Creek, bears NE. and SW., sloping NE. from Sheridan Mountain. Descend 69 ft. over NW. slope.
16.80	Wash, course N. Ascend 154 ft. over NE. slope.
22.40	Spur, slopes N. from Sheridan Mountain. Descend 126 ft. over NW. slope.
30.00	Drain, course N. near head. Ascend 69 ft. over NE. slope.
35.00	N. edge of top of Sheridan Mountain, bears SE. and SW. Descend 187 ft. over steep NW. slope.
40.01	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
	$\frac{1}{4} \frac{S \ 3}{S \ 10}$
	1937
	No bearing trees available.
	Desc. 556 ft. over steep NW. slope to sec. cor.
66.57	Barbed wire fence (4 wire) bears S. $1\frac{1}{4}^\circ$ E. and N. $1\frac{1}{4}^\circ$ W.
80.02	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, locust, manzanita and cacti.
	N. 0° 03' W., on random line, bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.32	Intersect the N. bdy. of the Tp. 5 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, 2 ins. in diam., projecting 22 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed by four bearing trees as described in the field notes of T. 16 N., R. 6 W.
	Thence
	S. 0° 05' E., on true line, bet. secs. 3 and 4.
	Over nearly level and gently rolling land, thru scattering timber and dense undergrowth.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

59

Chains	Asc. 15 ft. over gradual NE. slope to
7.60	Wash, 15 lks. wide, course NE. Ascend 26 ft. over NW. slope.
14.30	Wash, 20 lks. wide, course NW. Enter mountainous land. Ascend 270 ft. over broken NE. slope to
40.32	Set an iron post, 3 ft. long, 1 in. in diam., 11 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
	1937
	No bearing trees available.
	Asc. 168 ft. over NE. slope.
52.60	Spur ridge, bears NW. and SE. Descend 261 ft. over S. slope.
67.80	Wash, 20 lks. wide, course SW. Ascend 26 ft. over NW. slope to
80.32	The cor. of secs. 3, 4, 9 and 10.
	Land, nearly level, gently rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper, oak and pinyon. Undergrowth, oakbrush, manzanita and laurel.
	From the reestablished cor. of secs. 32 and 33, on S. bdy. of the Tp., hereinbefore described.
	N. 0° 02' W., bet. secs. 32 and 33.
	Over mountainous land, thru scattering timber and undergrowth.
	Ascend 18 ft. over SE. slope to
3.80	Wash, 15 lks. wide, course SE. Ascend 397 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S32 S33
	1937
	from which
	A juniper, 6 ins. diam., bears N. 53 $\frac{3}{4}$ ° W., 47 lks. dist., marked $\frac{1}{4}$ S32 BT.
	No other bearing tree available.
	Asc. 720 ft. over steep SW. slope.
67.60	Rim of mesa, bears S. 30° E. and N. 5° W. Thence over nearly level land on mesa, thru dense timber and scattering undergrowth.

BOOK #205

Survey: Subdivision Lines: T. 15 N., R. 6 W.

60

Chains

80.00 Set an iron post, 3 ft. long. 2 ins. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T15N R6W
S29 | S28
S32 | S33

1937

from which

A juniper, 6 ins. diam., bears N. 58 $\frac{1}{2}$ ° E., 140 lks. dist., marked T15N R6W S28 BT.

A juniper, 10 ins. diam., bears S. 69 $\frac{1}{4}$ ° E., 112 lks. dist., marked T15N R6W S33 BT.

No other bearing trees available.

Land, mountainous and nearly level.

Soil, rocky, 4th rate.

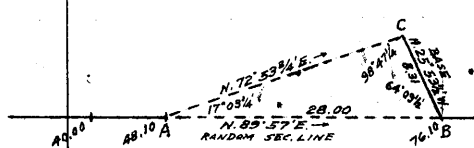
Timber, juniper, mesquite and oak.

Undergrowth, oakbrush, catclaw, laurel and cacti.

40.00 N. 89° 57' E., on random line, bet. secs. 28 and 33.

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

Discontinue chaining at this point owing to cliffs and precipitous descent from mesa. Triangulate as follows:



Designate this point as "A".

Set flag "B" ahead on random line.

Set flag "C" N. 72° 53 $\frac{3}{4}$ ' E.

Bearing "B" to "C" is N. 25° 53 $\frac{1}{2}$ ' W.

Mean of two sets of chaining of the base "B-C" is 8.31 chains.

Included angles of triangle

"A-B-C" are; 17° 03 $\frac{1}{4}$ ' , 64° 09 $\frac{1}{2}$ '

and 98° 47 $\frac{1}{4}$ ' , the sum of which is 180° 00'.

Chained dist. on random line to "A" = 48.10 chs. N. 89° 57' E.

Triang. dist. from "A" to "B" = 28.00 "

Total dist. on random line to "B" = 76.10 chs. "

76.10 Triang. point "B".

Resume chaining and continue line and measurement.

79.94 Intersect N. and S. line 14 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

S. 89° 51' W., on true line, bet. secs. 28 and 33.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 90 ft. over SE. slope to

3.84 Foot of precipitous SE. slope bears NE. and SW. Discontinue chaining. Measurement to 31.84 ch. station by triangulation, hereinbefore described.

Asc. about 580 ft. to rim of mesa.

28.00 (Approx.) Foot of cliffs, bearing NE. and SW., facing SE.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

61

Chains

31.84 Top of cliffs, and rim of mesa, bearing NE. and SW.
Resume chaining and continue line and measurement.

Over nearly level land; on mesa, thru dense timber and scattering undergrowth.

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

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

1937

from which

A juniper, 8 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ E., 31 lks. dist., marked $\frac{1}{4}$ S28 BT.

A juniper, 12 ins. diam., bears S. 35° W., 46 lks. dist., marked $\frac{1}{4}$ S33 BT.

Continue over nearly level land on mesa, thru dense timber and scattering undergrowth.

79.94 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous and nearly level.

Soil, rocky, 4th rate:

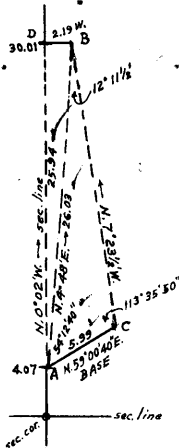
Timber, juniper.

Undergrowth, oakbrush, catclaw and cacti.

N. $0^{\circ} 02' W.$, on true line, bet. secs. 28 and 29.

Over nearly level land on mesa, thru dense timber and scattering undergrowth.

4.07 Rim of mesa, bears NE. and SW. As the sec. line beyond this point crosses a canyon, about 700 ft. deep, with precipitous walls, discontinue chaining and triangulate measurement of the sec. line to opposite rim of canyon as follows:



Designate 4.07 ch. station on sec. line as "A".

Set flag "B" on N. rim of canyon bearing N. $4^{\circ} 48' E.$ from "A".

From "A" double chain a base N. $59^{\circ} 00' 40'' E.$ to point "C", the mean of measurements being 5.99 chs.

From "C" the flag "B" bears N. $7^{\circ} 23\frac{1}{2}' W.$, with a vertical angle of 0° .

Included angles of triangle "A-B-C" are: $54^{\circ} 12' 40''$, $12^{\circ} 11\frac{1}{2}'$, and $113^{\circ} 35' 50''$, the sum of which is $180^{\circ} 00'$.

Triang. dist. "A" to "B" = 26.03 chs. N. $4^{\circ} 48' E.$, therefore the computed location of point "B" is 2.19 chs. E. from a point "D" on sec. line 25.94 chs. N. $0^{\circ} 02' W.$ from "A".

Chained dist. on sec. line to "A" = 4.07 chs. N. $0^{\circ} 02' W.$

Computed dist. on sec. line to point "D" 2.19 chs. West from "B"

= 25.94 chs. N. $0^{\circ} 02' W.$

Dist. on sec. line, sec. cor. to "D"

= 30.01 chs. N. $0^{\circ} 02' W.$

LOOK 4205

Survey: Subdivision Lines: T. 15 N., R. 6 W.

Chains	
	From triang. flag "B" chain measurement West, along rim of canyon, 2.19 chs. to 30.01 ch. station on sec. line.
16.00	(Approx.) Bottom of canyon, 10 lks. wide, course W., heading about 20 chs. E. Asc. about 700 ft. over precipitous S. slope to
30.01	N. rim of canyon, and rim of mesa, bears E. and W. Resume chaining and continue line and measurement. Over nearly level land on mesa, thru dense timber and undergrowth. Asc. 25 ft. over W. 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 $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4}$ S29 S28 1937 from which A juniper, 12 ins. diam., bears S. $88\frac{1}{2}^\circ$ E., 38 lks. dist., marked $\frac{1}{4}$ S28 BT. A juniper fork, 4 ins. diam., bears S. $69\frac{3}{4}^\circ$ W., 49 lks. dist., marked $\frac{1}{4}$ S29 BT. Continue over nearly level land, on mesa, thru dense timber and scattering undergrowth.
45.00	Enter gently rolling land, on mesa, Desc. 34 ft. over NW. slope to
63.43	Rim of mesa, bears N. 60° E. and S. 60° W. Leave mesa. Enter mountainous land, scattering timber and undergrowth. Desc. 328 ft. over steep NW. slope.
76.75	Swale, course W. from NE. Ascend 34 ft. over S. slope.
79.36	Top of low knoll. Descend 9 ft. over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a stone 12x8x3 ins. 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 $\frac{1}{4}$ T15N R6W S20 S21 ----- S29 S28 1937 No bearing trees available. Land, nearly level, gently rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, catclaw, laurel, oakbrush and cacti.
40.00	N. $89^\circ 51'$ E., on random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

2205

63

Chains

79.96 Intersect N. and S. line 7 lks. N. of the cor. of secs.
21, 22, 27 and 28.

Thence

S. 89° 54' W., on true line, bet. secs. 21 and 28.

Over nearly level land on mesa, thru dense timber and
scattering undergrowth.

39.98 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

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

1937

from which

A juniper, 8 ins. diam., bears S. 1 $\frac{1}{2}$ ° E., 77 lks.
dist., marked $\frac{1}{4}$ S28 BT.

A juniper, 12 ins. diam., bears N. 45 $\frac{1}{2}$ ° W., 54 lks.
dist., marked $\frac{1}{4}$ S21 BT.

Continue over nearly level land on mesa, thru dense timber
and scattering undergrowth.

51.70 Rim of mesa, bears NE. and SW. Leave mesa and enter
mountainous land, scattering timber and dense under-
growth. Descend 375 ft. over steep NW. slope.

69.77 Foot of steep descent. Ascend 26 ft. over N. slope.

79.00 Top of ascent. Descend 11 ft. over NW. slope to

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

Land, nearly level, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oakbrush and manzanita.

N. 0° 02' W., bet. secs. 20 and 21:

Over mountainous land, thru scattering timber and dense
undergrowth.

Descend 285 ft. over NW. slope.

13.66 Bottom of ravine, 10 lks. wide, course N. 80° W. Ascend
52 ft. over SW. slope.

16.24 Spur, slopes W.; descend 260 ft. over NW. slope.

33.43 Draw, course NW.; asc. 24 ft. over SW. slope.

37.61 Desc. 22 ft. over NW. slope to

40.00 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

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

S20 | S21

1937

Chains

from which

A juniper, 20 ins. diam., bears N. 32° W., 30 lks. dist., marked $\frac{1}{4}$ S20 BT.

No other bearing tree available.

Descend slightly to

40.20 Rocky wash, 30 lks. wide, course W. Ascend 651 ft. over broken, rocky, S. slope.

66.05 Spur, slopes W.; desc. 198 ft. over NW. slope.

78.60 Bottom of rocky draw, 10 lks. wide, course SW. from E. Ascend 5 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a stone 8x6x4 ins. 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

T15N	R6W
S17	S16
S20	S21

1937

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oakbrush, and laurel.

N. 89° 54' E., on random line, bet. secs. 16 and 21.

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

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

Thence

S. 89° 53' W., on true line, bet. secs. 16 and 21.

Over nearly level land on mesa, thru dense timber and scattering undergrowth.

22.10 Leave nearly level and enter gently rolling land, continuing over mesa. Desc. 103 ft. over SW. slope to

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

$\frac{1}{4}$	$\frac{S. 16}{S. 21}$
---------------	-----------------------

1937

from which

A juniper, 8 ins. diam., bears S. 58 $\frac{1}{2}$ ° W., 19 lks. dist., marked $\frac{1}{4}$ S21 BT.

A juniper, 8 ins. diam., bears N. 46 $\frac{1}{2}$ ° W., 85 lks. dist., marked $\frac{1}{4}$ S16 BT.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

LOOK 4205

65

Chains	Desc. 25 ft. over SW. slope.
42.50	Thence over nearly level land, continuing over mesa.
57.00	Rim of mesa, bears N. and SE. Leave mesa. Enter mountainous land. Desc. 647 ft. over steep SW. slope, thru scattering timber and dense undergrowth.
79.80	The cor. of secs. 16, 17, 20 and 21. Land, nearly level, gently rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper; oak and pinyon. Undergrowth, oakbrush, manzanita, and catclaw.
	N. 0° 02' W., bet. secs. 16 and 17. Over mountainous land, thru scattering timber and dense undergrowth. Ascend 193 ft. over broken SW. slope.
10.00	Narrow spur, slopes SW. Descend 64 ft. over NW. slope.
23.30	Asc. 68 ft. over steep W. slope.
31.73	Desc. 88 ft. over NW. slope.
35.25	Bottom of gulch, course SW. Ascend 81 ft. over SW. slope to
40.00	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
	$\frac{1}{4}$ S17 S16 1937 from which
	A juniper, 12 ins. diam., bears N. $33\frac{1}{2}^{\circ}$ E., 38 lks. dist., marked $\frac{1}{4}$ S16 BT.
	A juniper, 6 ins. diam., bears S. 26° W., 63 lks. dist., marked $\frac{1}{4}$ S17 BT.
	Ascend 124 ft. over SW. slope.
52.12	Point of spur, slopes W. Thence across same.
54.80	Leave point of spur, Descend 110 ft. over NW. slope.
62.00	Bottom of ravine, course W. Ascend 203 ft. over SW. slope.
76.65	Point of spur, slopes W. Thence across same.
77.37	Leave point of spur. Descend 64 ft. over NW. slope to
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. 8, 9, 16 and 17, with brass cap marked

T15N R6W
S8 | S9
S17 | S16

1937

Chains	
	No bearing trees available.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush and laurel.
	N. 89° 53' E., on random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect the cor. of secs. 9, 10, 15 and 16. Thence S. 89° 53' W.; on true line, bet. secs. 9 and 16. Over mountainous land, thru scattering timber and dense undergrowth. Descend 391 ft. over steep broken, boulder strewn SW. slope.
19.42	Foot of steep slope, bears NW. and SE. Thence over gently rolling land. Desc. 18 ft. over gradual SW. slope.
22.62	Pack trail, Dumbell Ranch to Cottonwood, bears N. 36 $\frac{3}{4}$ ° W. and S. 26 $\frac{1}{2}$ ° E.
27.35	Wash, 20 lks. wide, course NW. Enter mountainous land. Asc. 214 ft. over NE. slope to
39.92	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 $\frac{1}{4} \frac{S \ 9}{S \ 16}$ 1937 from which A juniper, 6 ins. diam., bears N. 82° E., 60 lks. dist., marked $\frac{1}{4}$ S9 BT. A juniper, 6 ins. diam., bears S. 6° E., 32 lks. dist., marked $\frac{1}{4}$ S16 BT. Asc. 50 ft. over NE. slope to
42.87	Rim of mesa, bears NW. and SE. Thence over nearly level land, on mesa, thru dense timber.
53.45	Enter gently rolling land, continuing over mesa. Desc. 34 ft. over W. slope to
58.36	Rim of mesa, bears N. and S. Leave mesa and dense timber. Thence over mountainous land. Desc. 432 ft. over steep NW. slope thru scattering timber and dense undergrowth.
79.84	The cor. of secs. 8, 9, 16 and 17. Land, mountainous, nearly level and gently rolling. Soil, rocky, 4th rate. Timber, juniper, oak and pinyon. Undergrowth, oakbrush and manzanita.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

67

Chains	N. 0° 02' W., bet. secs. 8 and 9. Over mountainous land, thru scattering timber and dense undergrowth. Descend 308 ft. over steep NW. slope.
19.75	Bend in Cottonwood Creek, 100 lks. wide, course SW. from NW., joined at this point by a wash from E. Asc. 383 ft. over SW. slope.
23.70	Trail to Cottonwood, bears N. 74° W. and S. 74° E.
38.00	Spur, slopes W. Descend 61 ft. over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \text{S8} \mid \text{S9} \\ 1937 \end{array}$ No bearing trees available. Descend 157 ft. over steep NW. slope.
47.60	Wash, course SW. Ascend 62 ft. over broken SW. slope to
60.00	Wash, course SW. Ascend 281 ft. over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap marked $\begin{array}{cc} \text{T15N} & \text{R6W} \\ \text{S5} & \mid \text{S4} \\ \text{S8} & \mid \text{S9} \end{array}$ 1937 No bearing trees available. From this cor. U.S. Forest Service triangulation station on Sheridan Mountain bears S. 79° 18' E. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, manzanita and laurel.
40.00	N. 89° 53' E., on random line, bet. secs. 4 and 9. Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line 7 lks. N. of the cor. of secs. 3, 4, 9 and 10. Thence S. 89° 56' W., on true line, bet. secs. 4 and 9. Over mountainous land, thru scattering timber and dense undergrowth. Descend 260 ft. over broken NW. slope.

4205
 Survey: Subdivision Lines: T. 15 N., R. 6 W.

68

Chains	
12.75	Wash, 20 lks. wide, course SW. Ascend 36 ft. over SE. slope.
18.40	Point of spur, slopes SW.; descend 116 ft. over SW. slope to
29.08	Trail to Cottonwood, bears N. 42° E. and S. 25° W. at foot of slope from spur. Thence over gently rolling land. Desc. gradually over SW. slope to
39.92	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S\ 4}{S\ 9}$ 1937
	No bearing trees available.
	Desc. 70 ft. over gradual SW. slope.
51.24	Asc. 20 ft. over SE. slope.
57.53	Spur, slopes SW. Enter mountainous land. Desc. 247 ft. over W. slope.
75.60	Wash, 20 lks. wide, course SE.; from NE. Ascend 50 ft. over SE. slope to
79.84	The cor. of secs. 4, 5, 8 and 9. Land, mountainous and gently rolling. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush and manzanita.
	N. 0° 05' W., on random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.38	Intersect N. bdy. of the Tp. 12 lks. E. of the cor. of secs. 4, 5, 32 and 33, established under this group, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set in ground and mound of stone to top, marked on brass cap, and witnessed by four bearing trees, as described in the field notes of T. 16 N., R. 6 W. Thence
	S. 0° 10' E., on true line, bet. secs. 4 and 5. Over rolling and mountainous land, thru scattering timber and dense undergrowth. Descend 221 ft. over S. slope.
18.38	Cottonwood Creek (dry) 100 lks. wide, course S. 80½° W., from N. 84° E. Ascend 235 ft. over NW. slope.
28.83	Spur, slopes SW. Descend 82 ft. over SW. slope.
33.47	Drain, course SW. Ascend 52 ft. over NW. slope.
38.41	Spur, slopes SW. Descend 23 ft. over SW. slope to

Survey: Subdivision Lines: T. 15 N., R. 6 W.

Chains	
40.38.	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
	$\frac{1}{4}$ S5 S4 1937
	No bearing trees available.
	Desc. 50 ft. over SW. slope.
45.40	Wash, course SW. Ascend 232 ft. over broken NW. slope.
57.32	Spur ridge, bears NE. and SW., sloping SW. Descend 186 ft. over broken SE. slope to
80.38	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, manzanita and oakbrush.
<hr/> From the reestablished cor. of secs. 31 and 32, on S. bdy. of the Tp., hereinbefore described.	
	N. 0° 03' W., on true line, bet. secs. 31 and 32.
	Over mountainous land, thru scattering undergrowth and very scattering timber.
	Ascend 298 ft. over rocky, broken S. slope.
16.97	Spur slopes W. Descend 83 ft. over NW. slope.
21.66	Bottom of ravine, 10 lks. wide, course W. Ascend 104 ft. over S. slope.
24.55	Rocky spur, slopes W. Descend 80 ft. over NW. slope.
28.66	Bottom of ravine, course SW. Ascend 184 ft. over S. slope to
40.00	Ridge, bears N. 30° W. and S. 60° E. Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S31 S32 1937
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Thence across top of ridge. A spur slopes SW. from ridge at this point.
44.00	Leave top of ridge, bearing NW. and SE. Descend 208 ft. over NE. slope.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

70

Chains							
56.24	Head of drain, course NE. Ascend 52 ft. over SE. slope.						
62.69	Spur, slopes E. Descend 303 ft. over N. slope.						
73.88	Drain, course E. Thence over steep E. slope. Desc. 12 ft. to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, with a stone 16x8x2 ins., marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 29, 30, 31 and 32, with brass cap marked						
	<table border="1"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S30</td> <td>S29</td> </tr> <tr> <td>S31</td> <td>S32</td> </tr> </table>	T15N	R6W	S30	S29	S31	S32
T15N	R6W						
S30	S29						
S31	S32						
	1937						
	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. Undergrowth, oakbrush, scrub mesquite, laurel and cacti.						
	N. 89° 56' E., on random line, bet. secs. 29 and 32.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.12	Intersect the cor. of secs. 28, 29, 32 and 33.						
	Thence						
	S. 89° 56' W., on true line, bet. secs. 29 and 32.						
	Over nearly level land, on mesa, thru dense timber and scattering undergrowth.						
0.37	Rim of mesa, bears N. and S. Leave mesa and enter mountainous land, scattering timber and undergrowth. Desc. 910 ft. over steep W. slope.						
28.50	Bottom of canyon, 40 lks. wide, course S. 20° W. Ascend 100 ft. over SE. slope.						
32.90	Rocky, irregular spur, slopes SW. Descend 123 ft. over W. slope to						
40.06	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						
	<table border="1"> <tr> <td>$\frac{1}{4}$</td> <td>S 29</td> </tr> <tr> <td></td> <td>S 32</td> </tr> </table>	$\frac{1}{4}$	S 29		S 32		
$\frac{1}{4}$	S 29						
	S 32						
	1937						
	from which						
	A juniper, 6 ins. diam., bears S. 4° W., 19 lks. dist., marked $\frac{1}{4}$ S32 BT.						
	A juniper, 10 ins. diam., bears N. 8° W., 101 lks. dist., marked $\frac{1}{4}$ S29 BT.						

Survey: Subdivision Lines: T. 15 N., R. 6 W.

71

Chains	Descend 122 ft. over broken SW. slope.
48.00	Wash, 10 lks. wide, course N. 80° W. near head. Descend 100 ft. over NW. slope.
54.10	Same wash, course S. 30° W. Descend 30 ft. over SW. slope.
60.98	Cottonwood Creek, 50 lks. wide, course S. 28½° E., containing pools of water. Asc. 200 ft. over broken E. slope to
80.12	The cor. of secs. 29, 30, 31 and 32. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper; sycamore along canyons. Undergrowth, oakbrush, laurel, scrub mesquite and cacti.
	S. 89° 56' W., on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
53.56	Intersect W. bdy. of the Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. Thence S. 89° 56' E., on true line, bet. secs. 30 and 31. Over mountainous land, thru scattering timber and dense undergrowth. Descend 156 ft. over E. slope.
11.56	Loco Creek, 250 lks. wide, course S. 15½° E., containing pools of water. Asc. 23 ft. over W. slope to
13.56	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 14x6x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked $\frac{1}{4} \frac{S \ 30}{S \ 31}$ 1937 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 162 ft. over W. slope to
22.55	Rim of bench, bears N. and S. Ascend 40 ft. over gradual W. slope on bench.
32.33	Leave bench, bears N. and S. Ascend 208 ft. over broken W. slope.
43.60	Ridge, bears N. 20° W. and S. 20° E. Descend 250 ft. over broken E. slope to
53.56	The cor. of secs. 29, 30, 31 and 32.

Chains

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, oakbrush, scrub mesquite, laurel and cacti.

N. 0° 03' W., bet. secs. 29 and 30.

Over mountainous land, thru scattering timber and undergrowth.

Ascend 70 ft. over rocky SE. slope.

3.96 Short spur, slopes E. Descend 6 ft. over NE. slope. End of fence at mesa, bears N. 67° 25' E.

8.36 Barbed wire fence (4 wire) bears S. 75° E. and N. 61° W. End of fence at mesa, bears N. 71° 40' E.

8.90 Thence over rolling E. slope. Asc. 8 ft.

11.15 Desc. 11 ft. to

15.85 Descend 177 ft. over NE. slope.

26.49 Bottom of deep, rocky gulch, 10 lks. wide, course N. 80° E. Ascend 214 ft. over rocky 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

$\frac{1}{4}$

S30 | S29

1937

No bearing trees available.

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

Ascend 145 ft. over rocky, broken SE. slope.

51.90 Spur, slopes N. 80° E. Descend 116 ft. over N. slope.

62.50 Bottom of rocky ravine, 10 lks. wide, course S. 65° E., from W. Ascend 60 ft. over S. slope.

64.93 Asc. 65 ft. over SE. slope.

70.00 Thence along E. slope. Ascend 12 ft.

77.80 Head of draw, course S. 45° E. Ascend 58 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. 19, 20, 29 and 30, with brass cap marked

T15N. R6W

S19 | S20

S30 | S29

1937

No bearing trees available.

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

Survey: Subdivision Lines: T. 15 N., R. 6 W.

73

Chains	
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, laurel, scrub mesquite and cacti.
	N. 89° 56' E., on random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect the cor. of secs. 20, 21, 28 and 29.
	Thence
	S. 89° 56' W., on true line, bet. secs. 20 and 29.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Descend 337 ft. over NW. slope.
19.05	Bottom of deep draw, 10 lks. wide, course N. 30° W. Ascend 49 ft. over NE. slope.
21.80	Point of spur, slopes N. Thence across same.
25.80	Leave point of spur, slopes N. Descend 110 ft. over NW. slope.
30.60	Thence over broken W. slope. Descend 193 ft. to $\frac{1}{4}$ sec. cor.
35.12	Barbed wire fence (4 wire) bears S. 64° E. to mesa and N. 83 $\frac{1}{2}$ ° W. Leave dense and enter scattering undergrowth, bears NE. and SW.
40.09	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, with a stone 10x8x4 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
	$\frac{1}{4}$ $\frac{S\ 20}{S\ 29}$
	1937
	No bearing trees available.
	Descend 131 ft. over W. slope.
45.36	Cottonwood Creek, 150 lks. wide, containing pools of water, course S. 20° W. Ascend 277 ft. over broken SE. slope.
65.48	Point of spur, slopes SE. Descend 10 ft. over SW. slope.
69.66	Bottom of rocky draw, course SE. Ascend 179 ft. over NE. slope.
77.18	Spur, slopes SE. Ascend 7 ft. over SE. slope to
80.18	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush, catclaw, laurel and cacti.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

74

Chains	N. 89° 56' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
53.54	Intersect W. bdy. of the Tp. 22 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed by mound of stone W. and two bearing trees as described in the official record.
	Thence
	S. 89° 42' E., on true line, bet. secs. 19 and 30.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 418 ft. over steep, broken E. slope to
12.94	Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, with a stone, 18x12x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 19}{S\ 30}$ WC
	1937
	No bearing trees available.
	Desc. 41 ft. over precipitous E. slope.
13.54	True point for $\frac{1}{4}$ sec. cor. falls on precipitous E. slope where it is impracticable to monument the cor., therefore establish witness cor. 0.60 chs. N. 89° 42' W. as described above.
15.24	Loco Creek, 200 lks. wide, with pools of water, course SW. Ascend 387 ft. over broken NW. slope.
45.44	Barbed wire fence (4 wire), bears N. 38 $\frac{1}{2}$ ° E. and S. 38 $\frac{1}{2}$ ° W.
45.80	Ridge, bears N. 20° E. and S. 40° W. Descend 163 ft. over rocky SE. slope to
53.54	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oakbrush, laurel and cacti.
	N. 0° 03' W., bet. secs. 19 and 20.
	Over mountainous land, thru scattering timber and undergrowth.
	Ascend 36 ft. over rocky SE. slope.
1.20	Barbed wire fence (4 wire) bears E. and W.
1.90	Spur, slopes E. Descend 16 ft. over NE. slope.
5.62	Head of draw, course S. 80° E. Ascend 109 ft. over SE. slope.
10.20	Ridge, bears N. and SW. Ascend 71 ft. along top of ridge.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

75

Chains	
26.20	Leave top of ridge, bears NE. and S. Descend 20 ft. over NW. slope.
36.46	Draw, course SW. Ascend 45 ft. over S. 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
	$\frac{1}{4}$
	S19 S20
	1937
	from which
	A juniper fork, 8 ins. diam., bears N. 18° W., 65 lks. dist., marked $\frac{1}{4}$ S19 BT.
	No other bearing tree available.
	Ascend 413 ft. over rocky S. slope.
55.00	Rocky spur, slopes SW. Descend 80 ft. over broken NW. slope to
73.90	Rim of canyon, bears E. and W. Descend 249 ft. over slide rock on steep NW. slope to
80.00	True point for cor. of secs. 17, 18, 19 and 20 falls on loose slide rock, where it is impracticable to monument the cor.; therefore establish witness cor. 2.40 chs. N. 0° 03' W. as hereinafter described.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oakbrush and scrub mesquite.
	From true point for cor. of secs. 17, 18, 19 and 20, N. 89° 56' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line 5 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence
	S. 89° 54' W., on true line, bet. secs. 17 and 20.
	Over mountainous land, thru scattering timber and undergrowth.
	Descend 287 ft. over SW. slope.
15.58	Cottonwood Creek, 200 lks. wide, course S. 45 $\frac{3}{4}$ ° E., from N. 25° E., containing pools of water. Ascend 587 ft. over steep E. slope.
30.20	Asc. 16 ft. over SE. slope.
33.94	Rocky draw, 10 lks. wide, course SE. Ascend 47 ft. over NE. slope.
35.80	Asc. 20 ft. over E. slope to

Chains

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 8x6x4 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

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

1937

No bearing trees available.

Ascend 15 ft. over E. slope.

42.73 Barbed wire fence (4 wire), bears N. and S.

45.90 Ridge; bears N. and S. Descend 164 ft. over rocky W. slope;

72.33 Rocky draw, course NW. Descend 78 ft. over rocky NW. slope.

80.10 The true point for cor. of secs. 17, 18, 19 and 20.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oakbrush, laurel and scrub mesquite.

From true point for cor. of secs. 17, 18, 19 and 20.

N. 89° 42' W., on random line, bet. secs. 18 and 19.

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

53.54 Intersect W. bdy. of the Tp. 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W.

Thence

S. 89° 45' E., on true line, bet. secs. 18 and 19.

Over mountainous land, thru scattering timber and undergrowth.

Descend 100 ft. over SE. slope.

3.49 Barbed wire fence (4 wire), bears N. 44° 50' W. and S. 44° 50' E.

8.08 Rocky draw, 10 lks. wide, course SE. Ascend 59 ft. over SW. slope to

13.54 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 8x6x3 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

$$\frac{1}{4} \frac{S 18}{S 19}$$

1937

No bearing trees available.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

77

Chains	Ascend 55 ft. over SW. slope.								
22.20	Spur, slopes S. 30° E., from N. 60° W. Descend 108 ft. over NE. slope.								
34.94	Draw, 10 lks. wide, course NE. Descend 99 ft. over NE. slope.								
42.68	Same draw, course S. 60° E. Descend 31 ft. over SE. slope.								
46.14	Loco Creek, 200 lks. wide, course S. 49½° W., from E., containing pools of water. Ascend 100 ft. up Loco Creek.								
51.61	Leave Loco Creek, course W. from N. 65½° E. Ascend 34 ft. over NW. slope across slide rock to								
53.54	The true point for cor. of secs. 17, 18, 19 and 20. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush and laurel.								
	From true point for cor. of secs. 17, 18, 19 and 20. N. 0° 03' W., bet. secs. 17 and 18. Over broken mountainous land, thru scattering timber and undergrowth. Descend 24 ft. over NW. slope.								
0.89	Loco Creek, 200 lks. wide, course S. 65½° W., from N. 84° E., containing pools of water. Asc. 35 ft. over rocky S. slope to								
2.40	Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with a stone 16x12x8 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to cor. of secs. 17, 18, 19 and 20, with brass cap marked								
	<table border="1"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> <tr> <td colspan="2" style="text-align: center;">WC</td> </tr> </table>	T15N	R6W	S18	S17	S19	S20	WC	
T15N	R6W								
S18	S17								
S19	S20								
WC									
	1937								
	No bearing trees available.								
	Ascend 57 ft. over rocky S. slope to								
4.20	Base of butte, bears NE. and SW. Ascend 212 ft. over precipitous SE. slope.								
10.10	E. edge of top of butte, bears SW. and NW. Descend 108 ft. over precipitous NE. slope.								
16.50	Base of butte, bears NW. and SE. Ascend 151 ft. over S. slope.								
29.56	Spur, slopes E. near point of same. Desc. 54 ft. over NE. slope.								
33.86	Draw, 10 lks. wide, course S. 80° E. Ascend 96 ft. over rocky S. slope to								

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 10x6x4 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

 $\frac{1}{4}$

S18 | S17

1937

No bearing trees available.

Ascend 68 ft. over S. slope.

43.66 Spur, slopes S. 60° E. Descend 115 ft. over N. slope.

52.33 Wash, course S. 40° E. Ascend 304 ft. over S. slope to

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. 7, 8, 17 and 18, with brass cap marked

T15N	R6W
S7	S8
S18	S17

1937

from which

A juniper fork, 8 ins. diam., bears N. 53° E., 12 lks. dist., marked T15N R6W S8 BT.

A juniper fork, 10 ins. diam., bears S. 32° E., 334 lks. dist., marked T15N R6W S17 BT.

A juniper fork, 20 ins. diam., bears S. 40 $\frac{1}{2}$ ° W., 120 lks. dist., marked T15N R6W S18 BT.

A juniper fork, 6 ins. diam., bears N. 71° W., 93 lks. dist., marked T15N R6W S7 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oakbrush, laurel and cacti.

N. 89° 54' E., on random line, bet. secs. 8 and 17.

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

80.08 Intersect N. and S. line 19 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence

N. 89° 58' W., on true line, bet. secs. 8 and 17.

Over mountainous land, thru scattering timber and dense undergrowth.

Descend 375 ft. over NW. slope.

14.22 Cottonwood Creek, 100 lks. wide, with pools of water, course S. 20° E. Ascend 789 ft. over broken E. slope.

32.20 Ridge, bears N. and S. Descend 176 ft. over W. slope to

Chains	
40.04	<p>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</p> $\frac{1}{4} \begin{array}{l} S 8 \\ S 17 \end{array}$ <p>1937</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Descend 238 ft. over W. slope.</p>
48.50	<p>Loco Creek, 100 lks. wide, containing pools of water, course S. 24° E. Leave dense and enter scattering undergrowth, bears N. and S. Ascend 191 ft. over NE. slope.</p>
55.40	<p>Spur, slopes S. 20° E. Ascend 180 ft. over SE. slope.</p>
74.00	<p>Descend 20 ft. over S. slope to</p>
80.08	<p>The cor. of secs. 7, 8, 17 and 18.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush and laurel.</p>
40.00	<p>N. $89^{\circ} 45'$ W., on random line, bet. secs. 7 and 18.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
53.58	<p>Intersect W. bdy. of the Tp. 6 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone to top, marked on brass cap as described in the official record, and witnessed by a mound of stone W. Thence.</p> <p>S. $89^{\circ} 41'$ E., on true line, bet. secs. 7 and 18.</p> <p>Over mountainous and rolling land, thru scattering timber and dense undergrowth.</p> <p>Descend 183 ft. over SE. slope to.</p>
13.58	<p>Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, with a stone 8x8x6 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</p> $\frac{1}{4} \begin{array}{l} S 7 \\ S 18 \end{array}$ <p>1937</p> <p>No bearing trees available.</p> <p>Leave dense and enter scattering undergrowth. Descend 17 ft. over SE. slope.</p>
14.42	<p>Draw, course NE. Desc. gradually over N. slope.</p>
24.58	<p>Same draw, course SE. Ascend 173 ft. over rocky SW. and S. slopes to</p>

Chains	
53.58	The cor. of secs. 7, 8, 17 and 18. Land, mountainous and rolling. Soil, rocky and gravelly, 4th rate. Timber, juniper. Undergrowth, oakbrush, laurel and cacti.
	N. 0° 03' W., bet. secs. 7 and 8. Over mountainous land, thru scattering timber and undergrowth. Ascend 159 ft. over rocky S. slope.
5.66	Rim of small mesa, bears S. 80° E., for about 10 chs., and N. 70° W., for about 8 chs. Thence over mesa. Ascend 10 ft.
13.16	Rim of mesa, bears E. and W. Leave mesa. Descend 374 ft. over N. slope to
25.86	Loco Creek, 80 lks. wide, containing pools of water, course S. 72 $\frac{3}{4}$ ° E., from N. 78 $\frac{1}{4}$ ° W. Ascend 318 ft. over rocky S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 10x8x6 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 $\frac{1}{4}$ S7 S8 1937 from which: A juniper, 10 ins. diam., bears N. 23 $\frac{1}{2}$ ° E., 73 lks. dist., marked $\frac{1}{4}$ S8 BT. A juniper fork, 8 ins. diam., bears S. 15 $\frac{1}{2}$ ° W., 77 lks. dist., marked $\frac{1}{4}$ S7 BT. Ascend 145 ft. over S. slope.
43.86	Rim of mesa, bears N. 60° W. and S. 60° E. Thence over gently rolling and nearly level land, on mesa, thru dense timber. Asc. gradually.
68.86	Top of ascent, bears NW. and SE. Descend 40 ft. over gradual NE. slope to
76.86	Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a stone 20x10x8 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to cor. of secs. 5, 6, 7 and 8, with brass cap marked WC T15N R6W $\frac{S6}{S7}$ $\frac{S5}{S8}$ 1937 No bearing trees available.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

81

Chains	
76.96	Rim of mesa, bears NW. and SE. Leave mesa and enter mountainous land, scattering timber and dense undergrowth. Desc. 106 ft. over precipitous rocky NE. slope to
80.00	True point for cor. of secs. 5, 6, 7 and 8 falls on a precipitous slope where it is impracticable to monument the cor., therefore establish witness cor. 3.14 chs. S. 0° 03' E. as described above.
	Land, mountainous, gently rolling and nearly level. Soil, rocky and clay loam, 4th rate. Timber, juniper. Undergrowth, oakbrush and cacti.
	From true point for cor. of secs. 5, 6, 7 and 8. S. 89° 58' E., on random line, bet, secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	N. 89° 56' W., on true line, bet. secs. 5 and 8.
	Over mountainous land, thru scattering timber and dense undergrowth.
	Ascend 169 ft. over broken SE. slope.
7.14	Spur ridge, bears NE. and SW., sloping SW. Descend 463 ft. over W. slope.
26.46	Cottonwood Creek, 100 lks. wide, course S. 5 $\frac{3}{4}$ ° E., from N. 32 $\frac{1}{2}$ ° W., containing pools of water. Asc. 211 ft. over NE. slope to
40.00	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
	$\frac{1}{4} \frac{S 5}{S 8}$
	1937
	from which
	A juniper, 6 ins. diam., bears N. 50 $\frac{1}{2}$ ° E., 16 lks. dist., marked $\frac{1}{4}$ S5 BT.
	A juniper, 8 ins. diam., bears S. 17° E., 83 lks. dist., marked $\frac{1}{4}$ S8 BT.
	Ascend 461 ft. over NE. slope to
80.00	The true point for cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush and laurel.

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Survey: Subdivision Lines: T. 15 N., R. 6 W.

82

Chains	From true point for cor. of secs. 5, 6, 7 and 8, N. 89° 41' W., on random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
53.71	Intersect W. bdy. of the Tp. 3 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed by four bearing trees as described in the official record.
	Thence
	S. 89° 43' E., on true line, bet. secs. 6 and 7.
	Over nearly level and gently rolling land, on mesa, thru dense timber and scattering undergrowth.
	Descend 24 ft. to
13.71	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
	$\frac{1}{4} \frac{S 6}{S 7}$
	1937
	from which
	A juniper, 12 ins. diam., bears S. 87° E., 15 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A juniper, 16 ins. diam., bears N. 56 $\frac{1}{2}$ ° W., 186 lks. dist., marked $\frac{1}{4}$ S6 BT.
	Continue over mesa. Descend 8 ft. to
42.00	Rim of mesa, bears NW. and SE. Leave mesa and enter mountainous land, scattering timber and dense undergrowth. Descend 147 ft. over precipitous NE. slope to
53.71	The true point for cor. of secs. 5, 6, 7 and 8.
	Land, nearly level, gently rolling and mountainous. Soil, clay loam and rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush.
	From true point for cor. of secs. 5, 6, 7 and 8.
	N. 0° 10' W., on random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.45	Intersect the N. bdy. of the Tp. 33 lks. W. of the cor. of secs. 5, 6, 31 and 32, established under this group, which is an iron post, 2 ins. in diam., projecting 9 ins. above ground firmly set, marked on brass cap and witnessed by four bearing trees as described in the field notes of T. 16 N., R. 6 W.
	Thence
	S. 0° 04' W., on true line, bet. secs. 5 and 6.
	Over mountainous land, thru scattering timber and dense undergrowth.

Survey: Subdivision Lines: T. 15 N., R. 6 W.

83

Chains	Descend 27 ft. over SE. slope.
2.93	Wash, course E., near head. Ascend 400 ft. over NE. slope.
28.85	Spur ridge, bears NW. and SE. Descend 359 ft. over SW. slope to
40.45	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, with a stone 10x6x6 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
	$\frac{1}{4}$
	S5 S6
	1937
	No bearing trees available.
	Descend 150 ft. over SW. slope.
48.49	West Fork of Cottonwood Creek, 100 lks. wide, course S. $23\frac{3}{4}^{\circ}$ E.; from N. $60\frac{1}{2}^{\circ}$ W., containing pools of water. Asc. 370 ft. over NE. slope to
80.45	The true point for cor. of secs. 5, 6, 7 and 8.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, sycamore and juniper.
	Undergrowth, oakbrush and laurel.

GENERAL DESCRIPTION.

Township No. 15 North, Range No. 6 West is situated in the Santa Maria Mountains, near to and southwest of the southeasterly end of said range, which bears northwest and southeast, extending thru several townships. The elevation in this township ranges from about 4200 to 5900 feet above sea level. The highest elevation in the township is Sheridan Mountain in the northeast quarter of section 10, from which radiate several spur ridges. There are a number of mesas in the township, on which the surface is gently rolling and nearly level. These mesas are: Smith Mesa in secs. 1 and 12; Sycamore Mesa in secs. 35 and 36; a mesa about $3\frac{1}{2}$ miles long and 1 mile wide, bearing N. and S., extending southerly from sec. 9 into sec. 33; a mesa in secs. 6, 7 and 8; and several small mesas in various parts of the township. Aside from the surface of the mesas, the township has mountainous, broken and heavily rolling areas, cut by a number of gulches, ravines and canyons. The drainage in general is southerly. Practically all of the east half of the township is drained by Smith Canyon and its tributary watercourses. This canyon heads in the adjoining township to the east, and crosses the southeast quarter of the township in a southwesterly direction. The west half of the township is drained by Cottonwood Creek and Loco Creek, and their tributary watercourses.

Cottonwood Creek, course southerly, in bottom of canyon, crosses the entire township, entering on the N. bdy. of sec. 4 and leaving on the S. bdy. of sec. 32. Loco Creek, parallel to and about $\frac{3}{4}$ mile west from Cottonwood Creek, heads in sec. 7, leaves the township on S. bdy. of

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sec. 31, and is also in bottom of a canyon. There are no watercourses in the township carrying a permanently flowing stream of water, but at the time of this survey, small streams and shallow pools of water were observed in parts of Smith Canyon, Loco and Cottonwood Creeks and several of their tributary washes, gulches and canyons. Several springs were observed during the survey, as follows: one in NE $\frac{1}{4}$ NE $\frac{1}{4}$ of sec. 11 near the N. bdy. of the sec.; Willow Springs, near center of sec. 23; and one on the E. $\frac{1}{2}$ of S. bdy. of sec. 34.

The soil over the entire township is rocky clay and rocky, 3rd and 4th rates. The mesas are formed by strata of malpais rock of igneous origin, being from 50 to 300 feet in thickness. This results in cliffs of about the same heights at the rims of the mesas. Sheridan Mountain shows also the same formation but overlaying that of the mesas. The sides and bottoms of the canyons below the malpais strata are composed of a soft quartzite which decomposes more readily upon exposure to the weather, and most of the ridges and spurs are composed of this same material.

The timber, in scattering growth over most of the area, consists of juniper, pinyon and cedar. Along the principal watercourses the timber consists of oak, sycamore, ash, cottonwood, catclaw and mesquite. On the mesas in the south central and southeastern parts of the township the timber is dense.

The undergrowth consists of oakbrush, catclaw, laurel, manzanita, mountain mahogany, scrub mesquite, locust, native weeds, grasses and cacti, and is mainly dense over the township, though there are a number of large areas in various parts of the township where the undergrowth is scattering.

The entire township, with the exception of secs. 28 to 33 inclusive, is within the Prescott National Forest.

There is no indication of valuable mineral deposits in any part.

There are no settlers or cultivated land, the township now being used for stock grazing only. The only resident is George Peter, who has a cabin and fenced pasture near center of sec. 23, at Willow Springs. A number of stock ranges are formed in the township by long lines of barbed wire fences, some of which extend between the steep sides of the mesas only, utilizing these natural barriers in lieu of fencing. There are a few corrals in various parts of the township, which, with the Peter improvement at Willow Springs, and the range fencing, constitute the only improvements in the township.

There are no roads in this township, the only lines of travel being several pack trails. Willow Springs is connected by such trails with Dumbell Ranch in the northern part of sec. 5, T. 15 N., R. 5 W., and with a road in the central part of same township which extends easterly to the Tonto Springs Ranger Station in sec. 33, T. 15 N., R. 4 W. Pack trail connection is also made northerly with the village and postoffice Camp Wood, in N. $\frac{1}{2}$ of sec. 3, T. 16 N., R. 6 W., where a graded gravel road extends southeasterly to Prescott, Arizona, about 36 miles distant.

FINAL FIELD TESTS OF INSTRUMENTS.

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

December 26, 1937;

at camp in NW $\frac{1}{4}$ of sec. 23, T. 15 N., R. 6 W., G. & S.R. Meridian, Arizona, latitude $34^{\circ}40\frac{1}{2}'$ N., longitude $112^{\circ}52'$ 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 reference point to a true meridian established at this station on November 26, 1937, by Armand F. Allard, Public Land Surveyor, by Polaris observation, as hereinbefore described, proceed as follows:

at 9h. 00m., a.m., app.t., set off $34^{\circ}40\frac{1}{2}'$ N. on the latitude arc; $23^{\circ}20'S$. 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 $23^{\circ}20\frac{1}{2}'$ S. 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 $23^{\circ}19\frac{1}{2}'$ S. 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 this instrument is in satisfactory adjustment on this date, and has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

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

December 26, 1937;

at same station, and using same reference point to true meridian, test the solar apparatus of Buff and Buff transit No. 10125 as follows:

at 9h. 00m., a.m., app.t., set off $34^{\circ}40\frac{1}{2}'$ N. on the latitude arc; $23^{\circ}20'S$. 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 $23^{\circ}20\frac{1}{2}'$ S. 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 $23^{\circ}19\frac{1}{2}'$ S. 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 this instrument is in satisfactory adjustment on this date, and has remained in such condition

throughout the surveys executed with same which are described in the foregoing field notes.

Young and Sons transit No. 8544.
Armand F. Allard, Public Land Surveyor.

December 26; 1937;

at same station, and using same reference point to true meridian, test the solar apparatus of Young and Sons transit No. 8544 as follows:

at 9h. 00m., a.m., app.t., set off $34^{\circ}40\frac{1}{2}'N$. on the latitude arc; $23^{\circ}20'S$. 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 $23^{\circ}20\frac{1}{2}'S$. 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 $23^{\circ}19\frac{1}{2}'S$. 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 this instrument is in satisfactory adjustment on this date, and has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

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BOOK 4205

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Norville E. Shearer, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of July 1937, received from the district cadastral engineer for Arizona, with assignment instructions dated October 14, 1937, I have resurveyed Part of the North bdy. of Frac. T. 14 1/2 N., R. 6 W., and Part of the South bdy. of T. 15 N., R. 6 W. and surveyed Part of the Subdivision lines of
Township 15 North, Range 6 West
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 resurveys and survey have 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 in _____~~
~~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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BOOK 4205

CERTIFICATE OF SURVEYOR

I, Armand F. Allard, Public Land Surveyor, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 19th day of July 1937,
received from the district cadastral engineer for Arizona, with assignment
instructions dated November 8 1937, I have resurveyed Part of the North bdy. of
Frac. T. 14 1/2 N., R. 6 W., and Part of the South bdy. of T. 15 N., R. 6 W.,
and surveyed Part of the Subdivision lines of
Township 15 North, Range 6 West
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
resurveys and
survey have 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.

Chesapeake, Wyo.
April 1, 1940

Armand F. Allard
Public Land Surveyor.

~~CERTIFICATE OF APPROVAL~~

~~Office of 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.~~

~~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.~~

~~Supervisor of Surveys~~

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS
to

Ty White, Public Land Surveyor

NAMES	CAPACITY
Bert E. Wakeman	Principal Assistant
Ellis W. Murphy	Chainman
Frank M. Stivers	Cornerman
Hale Gammill	Axman
Bruce Hitchcock	Flagman

224
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CERTIFICATE OF SURVEYOR

I, Ty White, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of July 1937, received from the district cadastral engineer for Arizona, with assignment instructions dated October 28, 1937, I have resurveyed Part of the West bdy. of T.15 N., R.5 W.; Part of the West bdy. of T.16 N., R.5 W.; and Part of the East bdy. of T.15 N., R.6 W.; and surveyed Part (completion) of South bdy.; Part(completion) of East bdy.; and Part of Subdivision lines of Township 15 North, Range 6 West 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 resurveys and surveys have 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 SUPERVISOR OF SURVEYS,
Denver, Colo., APR 30 1940, 1940

The foregoing field notes of the resurvey of Part of North bdy. of Frac. T.14 1/2 N., R.6 W.; Part of West bdy. of T.15 N., R.5 W.; Part of West bdy. of T.16 N., R.5 W.; and Parts of South and East bdrs. of T.15 N., R.6 W.; and of the survey of Parts (completion) of the South and East bdrs., and all of the subdivision lines of

Township 15 North, Range 6 West
of the Gila and Salt River Meridian, in the State of Arizona.
executed by Ty White; Armand F. Allard; and Norville E. Shearer,
Public Land Surveyors.

under special instructions dated July 19, 1937, for Group 220, Arizona, and assignment instructions dated Oct. 14 & 28, and Nov. 8, 1937, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the resurveys and surveys therein described, are hereby approved.

Armand F. Allard
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.~~

~~Supervisor of Surveys.~~