

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4290

FIELD NOTES

of the

Resurvey of the Ninth Standard Parallel North,

along a Portion of the South Boundary of

Township 37 North, Range 13 West,

and Survey of the West Boundary

and Subdivisional Lines of

Township 36 North, Range 13 West,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

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General Land Office

Under special instructions dated February 15, 1939, which provided
for the surveys included under Group No. 213, bearing the approval of the
Commissioner of the General Land Office under date of May 29, 1939
and assignment instructions dated April 11, 1939.

Survey commenced August 26, 1939

Survey completed October 7, 1939

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The surveys herein described were executed with Buff and Buff transit No. 16723, Lietz transit No. 6166, and Young and Sons transit No. 8526. 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 field tests.

The azimuths of all of the lines of survey herein described were determined either by Polaris observation or with the solar attachments.

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

The data furnished with the special instructions give the geographic position for the SE. cor. of the Tp. as follows: Latitude $36^{\circ}28'00''$ N. and Longitude $113^{\circ}37'42''$ W.

Observations for verification of the latitude are given in the field notes of T. 35 N., R. 13 W., surveyed under this group.

The mean magnetic declination observed at camp in the SE $\frac{1}{4}$ of sec. 36 is $16^{\circ}00'$ E.

August 13, 1939; at camp in the SE $\frac{1}{4}$ of sec. 36, T. 36 N., R. 13 W., G. and S. R. Meridian, Arizona, latitude $36^{\circ}28\frac{1}{2}'$ N., longitude $113^{\circ}37\frac{3}{4}'$ W., examine the adjustments of Buff and Buff transit No. 16723 and find no errors; then, using meridian established by Polaris observation on August 12, 1939, as described in the field notes of survey of T. 35 N., R. 13 W., under this group, proceed as follows:

At 8h.00m., a.m., app.t. set off $36^{\circ}28\frac{1}{2}'$ N. on the lat. arc; $14^{\circ}50\frac{1}{4}'$ N. 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 $14^{\circ}47'$ N. on the decl. arc, which agrees with the computed declination of the sun.

At 4h.00m., p.m., app.t., with the lat. arc unchanged; set off $14^{\circ}44\frac{1}{4}'$ N. 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.

September 13, 1939; at same station as above and using same true meridian, test the solar apparatus of Young and Sons transit No. 8526 as follows:

At 8h.00m., a.m., app.t., set off $36^{\circ} 28\frac{1}{2}'$ N. on the lat. arc; $4^{\circ} 00\frac{1}{2}'$ N. 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 $3^{\circ} 56'$ N. on the decl. arc, which agrees with the computed declination of the sun.

At 4h.00m., p.m., app.t., with the lat. arc unchanged; set off $3^{\circ} 53'$ N. 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 the instrument is in satisfactory adjustment.

September 16, 1939; at same station as above, and using same true meridian, test the solar apparatus of Lietz transit No. 6166 as follows:

At 8h.00m., a.m., app.t., set off $36^{\circ} 28\frac{1}{2}'$ N. on the lat. arc; $2^{\circ} 51\frac{1}{2}'$ N. 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 $2^{\circ} 47'$ N. on the decl. arc, which agrees with the computed declination of the sun.

At 4h.00m., p.m., app. t., with the lat. arc unchanged; set off $2^{\circ} 44'$ N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1' 30''$ of the true meridian, conclude that the instrument is in satisfactory adjustment.

Independent Resurvey of the 9th. Stan. Par. N., along
a portion of the S. Bdy. of T.37 N.,R.13 W.

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Chains	<p>This independent resurvey supersedes the survey executed by D.R.Averill in 1929, which was found to be out of limit in measurement.</p> <p>-----</p> <p>The standard $\frac{1}{4}$ sec. cor. of sec. 32 is an iron post, 1 in. diam., set, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>West, on a true line along the S. bdy. of sec. 32.</p> <p>Over mountainous land, thru scattering timber and dense undergrowth. Asc. 170 ft. over E. slope.</p> <p>13.25 Spur, slopes N. Desc. 185 ft. over NW. slope.</p> <p>23.00 Draw, course N.15°W. Asc. 155 ft. over broken E. slope.</p> <p>37.20 Spur, slopes NE. Desc. 33 ft. over NW. slope.</p> <p>38.94 The standard cor. of secs. 31 and 32, which is an iron post, 2 ins. diam., 10 ins. above ground, marked and witnessed as described in the official record. I remove the iron post and obliterate the marks on the NW. bearing tree.</p> <p>40.00 Reset the same post which is 3 ft. long, 6 ins. in the ground to bedrock, and in a mound of stone to top, for standard cor. of secs. 31 and 32, with brass cap marked</p> <div style="text-align: center;"> <p>SC</p> <table border="1" style="margin: auto;"> <tr> <td>T37N</td> <td>R13W</td> </tr> <tr> <td>S 31</td> <td>S 32</td> </tr> </table> <p>1939 1929</p> <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears N.88$\frac{1}{2}$°E., 142 lks. dist. marked T37N R13W S32 SC BT (This was the old NE.B.T.)</p> <p>A juniper, 6 ins. diam., bears N.56$\frac{3}{4}$°W., 78 lks. dist. marked T37N R13W S31 SC BT</p> <p>Land, mountainous. Soil, rocky, 4th. rate. Timber, juniper and pinyon. Undergrowth, blackbrush, cliff rose, sagebrush and cacti.</p> </div> <hr/> <p>West, on a true line along the S. bdy. of sec. 31.</p> <p>Over mountainous land, thru scattering timber and undergrowth. Desc. 15 ft. over NW. slope.</p> <p>4.00 Head of draw, course NE. Asc. 60 ft. over E. slope.</p> <p>10.00 Ridge, bears SE. and N. Desc. 125 ft. over NW. slope.</p> <p>24.70 Draw, course NW. Asc. 87 ft. over NE. slope.</p> <p>38.00 Ridge, bears SE. and NW. Desc. slightly over SW. slope.</p> <p>38.30 Rim rock, 40 ft. high, facing SW., bears SE. and NW. Desc. 50 ft. over broken SW. slope.</p> <p>38.97 The standard $\frac{1}{4}$ sec. cor. of sec. 31, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official record. I remove the post and obliterate</p>	T37N	R13W	S 31	S 32
T37N	R13W				
S 31	S 32				

Independent Resurvey of the 9th. Stan. Par. N., along a portion of the S. bdy. of T. 37 N., R. 13 W.

Chains the marks on the NE. bearing tree.

40.00 Reset the same post which is 3 ft. long, on bedrock, supported in a mound of stone to top, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S C \\ \frac{1}{4} S 31 \\ \hline 1939 \\ 1929 \end{array}$$

from which

A juniper, 6 ins. diam., bears N. $88\frac{1}{2}^{\circ}$ E., 109 lks. dist. marked $\frac{1}{4}$ S 31 SC BT

A juniper, 8 ins. diam., bears N. $81\frac{1}{2}^{\circ}$ W., 138 lks. dist. marked $\frac{1}{4}$ S 31 SC BT (This was the old NW. B.T.)

Continue descent 300 ft. over rocky, broken SW. slope.

59.80 Cliff, 190 ft. high, facing SW., the upper rim of Grand Wash, bears SE. and NW. Designate this point "A" and set flag for triangulation. Flag "B" on objective corner bears West, the vertical angle to which is $-30\frac{1}{2}^{\circ}$. From "B", measure a base North, 5.00 chs. dist. to point "C", from which flag "A", bears S. $75^{\circ}20\frac{3}{4}'$ E.

Dist. A to B -- 19.12 chs.
 $\frac{59.80}{78.92}$ "

78.92 The standard cor. of Ts. 37 N., Rs. 13 and 14 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record.

Land, mountainous and broken.
 Soil, rocky, 4th. rate.
 Timber, juniper and pinyon.
 Undergrowth, sagebrush, blackbrush, cliff rose and cacti.

Survey: West Boundary of T. 36 N., R. 13 W.

The cor. of Ts. 35 and 36 N., Rs. 13 and 14 W., is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record.

On account of precipitous cliffs on line ahead, which prevent chaining,

Offset West, 1.72 chs.

Thence

North, on offset to line bet. secs. 31 and 36.

Over mountainous land, thru scattering timber and undergrowth.

Survey: West Boundary of T. 36 N., R.13 W.

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Chains

Asc. 124 ft. along steep W. slope.

15.00 chs. Top of cliff, 200 ft. high, facing west, the upper rim of Grand Wash, bears E. about 1.72 chs. dist. Rim bears N.5°W. and S.5°E.

22.30 " Spur, slopes W., heads approx. 1.00 chs. E. at base of cliff. Desc. 120 ft. over NW. slope.

25.65 " Measure E., 1.72 chs. to point on true line, which is about 1.75 chs. N. of the rim of Grand Wash. Rim bears E. and S.5°W.

25.65 Point on true line.

Thence

North, bet. secs. 31 and 36, continuing measurement.

Desc. 600 ft. over precipitous cliffs and slide rock.

38.20 Gulch, 15 lks. wide, course N.60°W. Desc. slightly over NW. slope.

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

S 36 | S 31

1939

from which

A pinyon, 6 ins. diam., bears N.88 $\frac{1}{2}$ °E., 40 lks. dist. marked $\frac{1}{4}$ S 31 B TA juniper, 6 ins. diam., bears S.11 $\frac{1}{2}$ °W., 39 lks. dist. marked $\frac{1}{4}$ S 36 BT

Desc. 230 ft. over broken NW. slope.

66.90 Draw, course NW. Asc. 45 ft. over SW. slope.

70.40 Spur, slopes N.70°W. Desc. 144 ft. over NW. slope.

76.80 Draw, 10 lks. wide, course W. Asc. 40 ft. over S. slope.

78.80 Spur, slopes W. Desc. 37 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for the cor. of secs. 25, 30, 31 and 36, with brass cap marked

T36N

R14W | R13W

S 25 | S 30

S 36 | S 31

1939

Survey: West Boundary of T.36 N., R.13 W.

Chains

from which

A pinyon, 8 ins. diam., bears N.24 $\frac{1}{2}$ °E., 66 lks. dist.
marked T36N R13W S 30 BT

A pinyon, 6 ins. diam., bears S.31 $\frac{1}{2}$ °E., 62 lks. dist.
marked T36N R13W S 31 BT

A pinyon, 6 ins. diam., bears S.46 $\frac{1}{2}$ °W., 82 lks. dist.
marked T36N R14W S 36 BT

A pinyon, 14 ins. diam., bears N.69 $\frac{1}{2}$ °W., 41 lks. dist.
marked T36N R14 W S25 BT

Land, rough mountainous and mountainous.

Soil, rocky, 3rd. and 4th. rates.

Timber, juniper and pinyon.

Undergrowth, oakbrush, sagebrush, cliff roses and cacti.

Poor grass.

North, bet. secs. 25 and 30.

Over rolling land, thru scattering timber and undergrowth.

Desc. 38 ft. over NW. slope.

2.00 Drain, course W. Asc. 56 ft. over SW. slope.

5.60 Red sandstone spur, slopes NW. Desc. 190 ft. over NE.
slope.

19.80 Ravine, 10 lks. wide, course NW. Asc. 86 ft. over SW.
slope.

27.00 Spur, slopes NW. Desc. 120 ft. over N. slope.

37.20 Wash, 8 lks. wide, course N.70°W. Asc. 43 ft. over SW.
slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to solid rock, and in a mound of stone to top,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 25 | S 30
1939

from which

A pinyon, 6 ins. diam., bears S.71 $\frac{1}{2}$ °E., 177 lks. dist.
marked $\frac{1}{4}$ S 30 BT

A pinyon, 6 ins. diam., bears N.42°W., 87 lks. dist.
marked $\frac{1}{4}$ S 25 BT

Cor. stands on top of spur, slopes N.70°W.

Desc. 304 ft. over broken NW. slope.

Survey: West Boundary of T. 36 N., R. 13 W.

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Chains	
42.20	Drain, course N. 70° W. Continue descent.
58.30	Shallow draw, course NW. Continue descent.
76.40	Slope changes to NE. Desc. 94 ft. to
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 the cor. of secs. 19, 24, 25, and 30, with brass cap marked
	T36N R14W R13W S24 S19 S25 S30 1939
	from which
	A juniper, 8 ins. diam., bears N. 40½° E., 90 lks. dist., marked T36N R13W S19 BT.
	A pinyon, 8 ins. diam., bears S. 26° E., 41 lks. dist., marked T36N R13W S30 BT.
	A pinyon, 10 ins. diam., bears S. 18° W., 112 lks. dist., marked T36N R14W S25 BT.
	A juniper, 6 ins. diam., bears N. 33¼° W., 60 lks. dist., marked T36N R14W S24 BT.
	Land, rolling. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Undergrowth, sagebrush, oakbrush, blackbrush, and cacti. Poor grass.
	North, bet. secs. 19 and 24. Over rolling land, thru scattering timber and undergrowth.
	Desc. 24 ft. over NE. slope to
3.80	Wash, 10 lks. wide, course N., from S. 10° E. Desc. slightly down wash.
5.80	Leave wash, course N. 80° W., from S. Asc. 48 ft. over SW. slope to
8.70	Top of short spur, slopes W. Desc. 164 ft. over NW. slope.
30.50	Bend in wash, 20 lks. wide, course NW., from S. 85° W. Asc. 17 ft. over SW. slope to
32.50	Point of spur, slopes W. Desc. 41 ft. over NW. slope to
36.60	Same wash, 20 lks. wide, course NE. Asc. 14 ft. over SE. slope to
39.50	Point of spur, slopes E. Desc. slightly over NE. 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 ¼ sec. cor., with brass cap marked
	¼ S24 S19 1939

Survey: West Boundary of T. 36 N., R. 13 W.

8.

Chains	
	from which
	A juniper, 6 ins. diam., bears N. $85\frac{1}{2}^{\circ}$ E., 128 lks. dist., marked $\frac{1}{4}$ S19 BT.
	A pinyon, 6 ins. diam., bears N. $88\frac{1}{2}^{\circ}$ W., 130 lks. dist., marked $\frac{1}{4}$ S24 BT.
	Desc. 34 ft. over NE. slope to
43.60	Same wash, course N. 10° W., from SE. Along gradual W. slope to
49.90	Same wash, course N. 20° E. Asc. 22 ft. over S. slope to
54.00	Top of red sandstone spur, slopes S. 20° E. Desc. 52 ft. over slightly broken gradual NE. slope to
76.00	Small drain, course NE. Along gradual E. 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 the cor. of secs. 13, 18, 19, and 24, with brass cap marked
	T36N R14W R13W S13 S18 S24 S19 1939
	from which
	A pinyon, 10 ins. diam., bears N. $71\frac{1}{4}^{\circ}$ E., 170 lks. dist., marked T36N R13W S18 BT.
	A juniper, 6 ins. diam., bears S. $18\frac{1}{2}^{\circ}$ E., 186 lks. dist., marked T36N R13W S19 BT.
	A juniper, 8 ins. diam., bears S. $10\frac{3}{4}^{\circ}$ W., 193 lks. dist., marked T36N R14W S24 BT.
	A juniper, 6 ins. diam., bears N. $28\frac{3}{4}^{\circ}$ W., 119 lks. dist., marked T36N R14W S13 BT.
	Land, rolling. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Scattering Joshua trees. Undergrowth, sagebrush, oakbrush, and cacti. Fair grass.
	North, bet. secs. 13 and 18. Over rolling land, thru scattering timber and undergrowth. Along a gradual E. slope to
5.00	Slope changes to NE. Desc. 29 ft. to
10.00	Slope changes to N. Desc. 95 ft. to
19.00	Wash, 20 lks. wide, course N. 60° W., from SE. Asc. 40 ft. over SW. slope to
22.90	Top of spur, slopes NW. Desc. 68 ft. over gradual N. slope to
31.90	Same wash, course N. 20° E., from SW. Asc. 21 ft. over SE. slope to

Survey: West Boundary of T. 36 N., R. 13 W.

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9.

Chains	
36.50	Top of low spur, slopes NE. Desc. slightly over N. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S13 S18
	1939
	from which
	A pinyon, 10 ins. diam., bears N. $11\frac{3}{4}^{\circ}$ E., 125 lks. dist., marked $\frac{1}{4}$ S18 BT.
	A pinyon, 6 ins. diam., bears N. 40° W., 60 lks. dist., marked $\frac{1}{4}$ S13 BT.
	Continue over gradual N. slope. Desc. 12 ft. to
41.50	Drain, course NE. Asc. 36 ft. over SE. slope to
44.00	Top of spur, slopes NE. Desc. 134 ft. over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in the ground, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked
	$\begin{array}{c} T36N \\ R14W \quad R13W \\ \hline S12 \quad S7 \\ \hline S13 \quad S18 \\ 1939 \end{array}$
	from which
	A juniper, 6 ins. diam., bears N. 79° E., 181 lks. dist., marked T36N R13W S7 BT.
	A juniper, 20 ins. diam., bears S. 6° E., 44 lks. dist., marked T36N R13W S18 BT.
	A pinyon, 6 ins. diam., bears S. 1° W., 90 lks. dist., marked T36N R14W S13 BT.
	No NW. bearing tree available.
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Scattering Joshua trees. Undergrowth, sage, oakbrush, and cacti. Poor grass.
	North, bet. secs. 7 and 12.
	Over rolling land, thru scattering timber and undergrowth.
	Desc. slightly over NW. slope to
0.30	Drain, course NE. Desc. 60 ft. over gradual NE. slope to
35.20	Wash, 10 lks. wide, course NW. Along gradual W. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey: West Boundary of T. 36 N., R. 13 W.

10.

Chains

$\frac{1}{4}$
 S12|S7
 1939.

from which

A pinyon, 6 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ E., 113 lks. dist., marked $\frac{1}{4}$ S7 BT.

A juniper, 12 ins. diam., bears S. 6° W., 217 lks. dist., marked $\frac{1}{4}$ S12 BT.

Desc. 24 ft. over gradual NW. slope to

47.20 Hidden Canyon Wash, 40 lks. wide, course N. 63° W. Asc. 44 ft. over SW. slope.

50.90 Dim road, brs. S. 60° E. and N. 60° W.

52.90 Top of spur, slopes W. Desc. 42 ft. over N. slope to

57.80 Drain, course W. Asc. 147 ft. over S. slope over series of low red and white sandstone ledges to

62.00 Top of flat spur, slopes SW. Over flat top of spur.

67.00 Leave top of flat spur, slopes SW. Desc. 59 ft. over NW. slope to

73.40 Head of wash, course SW. Asc. 28 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to solid rock, and in a mound of stone to top, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked

T36N
 R14W R13W
 S1|S6
 S12|S7
 1939

from which

A pinyon, 6 ins. diam., bears S. 70° W., 180 lks. dist., marked T36N R14W S12 BT.

A pinyon, 14 ins. diam., bears N. $42\frac{1}{2}^{\circ}$ W., 573 lks. dist., marked T36N R14W S1 BT.

No other bearing trees available.

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and heavy rolling.
 Soil, rocky; 3rd and 4th rates.
 Timber, pinyon and juniper. Scattering Joshua trees.
 Undergrowth, sagebrush, blackbrush, oakbrush, and cacti.
 Poor grass.

North, bet. secs. 1 and 6.

Over rolling land, thru scattering timber and undergrowth.

Asc. 228 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in

Survey: West Boundary of T. 36 N., R. 13 W.

BOOK 4290

Chains

the ground, and in a small mound of stone to top, for 1/4 sec. cor., with brass cap marked

S1 | S6

1939

No bearing trees available.

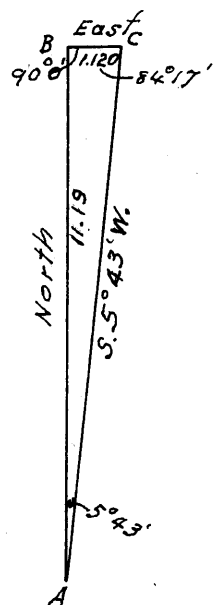
raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.

Enter mountainous land, brs. SE. and NW. Asc. 14 ft. over SW. slope to

42.00 Drain, course S. 20° W. Asc. 506 ft. over SE. slope to

69.30 Top of spur, slopes S. 30° W. Along W. slope to

69.35 Triangulation point "A". Discontinue chaining at this point owing to precipitous broken slopes ahead, and triangulate as follows:



Designate 69.35 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is +37 3/4°.

From "B" chain a base East, 1.120 chs., which is the mean of two measurements, and set point "C", from which "A" bears S. 5° 43' W.

Included angles of the triangle "A-B-C" are 5° 43', 90° 00', and 84° 17', the sum of which is 180° 00'.

Chained dist. on sec.
 line to point "A" = 69.35 chs. North
 Triang. dist.
 "A" to "B" = 11.19 chs. North
 Total dist. to "B" = 80.54 chs. North

From 69.35 ch. station ascend 572 ft. over broken W. and SW. slopes over slide rock and cliff.

76.00 (Approx.) Base of cliff, bears E. and W.

80.50 Top of cliff (Grand Wash upper rim) 200 ft. high, faces S. brs. E. and W. Asc. slightly over SW. slope to

80.54 Triangulation point "B". Continue line and measurement by chaining. Asc. 145 ft. over rocky SW. slope to

84.09 Intersect the Ninth Standard Parallel North.

Set an iron post, 3 ft. long, 3 ins. in diam., over a cross (+) on bedrock, and in a mound of stone to top, for the closing cor. of Ts. 36 N., Rs. 13 and 14 W., with brass cap marked

T37N R13W
 S31
 S1 | S6
 R14W | R13W
 T36N
 CC
 1939

Survey: West Boundary of T. 36 N., R. 13 W.

12.

Chains

from which

A juniper, 6 ins. diam., bears S. 74° E., 270 lks. dist., marked T36N R13W S6 CC BT.

No SW. bearing tree available.

The standard cor. of Ts. 37 N., Rs. 13 and 14 W., which is an iron post, 3 ins. in diam., set, marked, and witnessed as described in the official record, bears West, 26.85 chs. dist.; and the standard 1/4 sec. cor. of sec. 31, which is an iron post, 1 in. in diam., set, marked, and witnessed as hereinbefore described, bears East, 12.07 chs. dist.

Land, rolling to rough mountainous.

Soil, rocky; 4th rate.

Timber, juniper and pinyon. Scattering Joshua trees.

Undergrowth, sagebrush, blackbrush, and cacti. Poor grass.

Survey: Subdivision Lines; T. 36 N., R. 13 W.

BOOK 4290

13

Chains

Commence the survey of the subdivision lines of T. 36 N., R. 13 W. at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked; and witnessed as described in the official record.

Thence,

N. 0° 01' W., bet. secs. 35 and 36.

Over mountainous land, thru scattering timber and undergrowth.

Desc. 89 ft. over NW. slope to

- 9.00 Top of spur, slopes N. 20° W. Desc. 470 ft. over NE. slope.
- 17.80 Spring bears E., 58.90 chs. dist.
- 24.50 Concrete tank, 28x24x7ft. deep, bears E., 78.50 chs. dist. Tank is fed by running water piped from Hidden Spring which bears S. 16 $\frac{1}{2}$ ° E., 23.70 chs. dist. from tank. A wooden stock trough bears S., 2.00 chs. dist. from tank.
- 27.40 Head of draw, course NW. approx. 10 chs. to Dry Canyon wash, course NE. Asc. 81 ft. over SW. slope to
- 32.80 Top of spur, slopes NW., approx. 10 chs. Desc. 102 ft. over N. slope to
- 38.40 Slope changes to W. Along W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S35|S36

1939

from which

A juniper, 12 ins. diam., bears N. 47 $\frac{1}{2}$ ° E., 72 lks. dist., marked $\frac{1}{4}$ S36 BT.

A juniper, 8 ins. diam., bears S. 24 $\frac{3}{4}$ ° W., 49 lks. dist., marked $\frac{1}{4}$ S35 BT.

Desc. 253 ft. over NW. slope.

52.30 Ungraded road, brs. S. 50° E. and N. 43° W.

55.80 Hidden Canyon wash, 50 lks. wide, course NW. Asc. 374 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked

T36N R13W

S26|S25

S35|S36

1939

from which

A pinyon, 12 ins. diam., bears N. 70° E., 75 lks. dist., marked T36N R13W S25 BT.

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

14.

Chains	
	<p>A juniper, 5 ins. diam., bears S. 23° E., 19 lks. dist., marked T36N R13W S36 BT.</p> <p>A pinyon, 10 ins. diam., bears S. 57° W., 69 lks. dist., marked T36N R13W S35 BT.</p> <p>A juniper limb, 5 ins. diam., bears N. 6° W., 53 lks. dist., marked T36N R13W S26 BT.</p> <p>Land, mountainous. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, blackbrush, cliff rose, and cacti. Fair to poor grass.</p>
	<p>East, on a random line, bet. secs. 25 and 36.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect the E. bdy. of Tp. 34 lks. N. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record.
	Thence,
	N. 89° 45' W., on true line, bet. secs. 25 and 36.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 186 ft. over SW. slope to
11.50	Bottom of draw, 5 lks. wide, heads approx. 5 chs. N., course S. Asc. 301 ft. over E. slope to
31.60	Top of spur, slopes SE. Desc. 87 ft. over SW. slope to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) on bedrock, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S25 \\ \frac{1}{4} \\ \hline S36 \\ 1939 \end{array}$
	from which
	A pinyon, 10 ins. diam., bears N. 18 $\frac{1}{2}$ ° E., 25 lks. dist., marked $\frac{1}{4}$ S25 BT.
	A pinyon, 6 ins. diam., bears S. 15° E., 25 lks. dist., marked $\frac{1}{4}$ S36 BT.
	Continue over SW. slope. Desc. 138 ft. to
49.60	Head of draw, course S. Asc. 152 ft. over SE. slope to
56.70	Top of spur, slopes S. Desc. 747 ft. over steep rocky SW. slope to
80.06	The cor. of secs. 25, 26, 35, and 36.
	<p>Land, mountainous. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, blackbrush, cliff rose, and cacti. Poor grass.</p>

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 15.

Chains

N. 0° 01' W., bet. secs. 25 and 26.

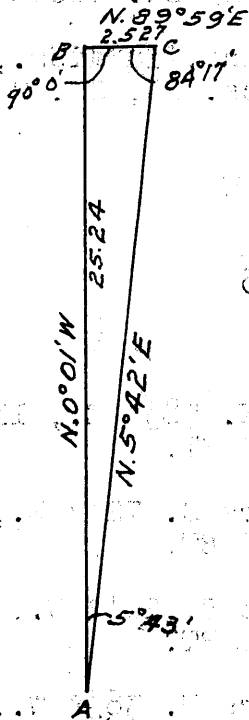
Over broken mountainous land, thru scattering timber and undergrowth.

Asc. 232 ft. over broken SW. slope over slide rock to

8.00 Top of broken rim (Grand Wash upper rim), 100 ft. high, faces SW., brs. NW. and S. 60° E., approx. 10 chs. Asc. 381 ft. over SW. slope to

16.60 Top of spur, slopes NW. Desc. slightly over N. slope to

17.08 Triangulation point "A". Top of same broken rim, brs. E. and NW. Discontinue chaining at this point owing to precipitous broken slopes ahead, and triangulate across canyon as follows:



Designate 17.08 ch. station as point "A" and set flag "B" ahead on line, the vert. angle to which is $7\frac{1}{2}^\circ$. The vert. angle to bottom of canyon is -36° .

From "B" double chain a base N. 89° 59' E., the mean of which is 2.527 chs. and set point "C", which bears N. 5° 42' E. from "A". The vert. angle to bottom of canyon from "B" is -27° .

Included angles of the triangle "A-B-C" are $5^\circ 43'$, $90^\circ 00'$, and $84^\circ 17'$, the sum of which is $180^\circ 00'$.

Chained dist. on sec. line to point "A" = 17.08 chs. N. 0° 01' W.
 Triang. dist "A" to "B" = 25.24 chs. N. 0° 01' W.
 Total dist. to "B" = 42.32 chs. N. 0° 01' W.

From 17.08 ch. station descend 634 ft. over precipitous rocky N. slope to

30.30 Canyon wash, course W. Asc. 387 ft. over rocky broken SW. slope.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on face of broken rim. Impracticable to set cor. at this point.

41.30 Top of broken rim (Grand Wash upper rim) brs. SE. and NW. Continue line and measurement by chaining. Asc. 28 ft. over rocky SW. slope to

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

S26 | S25

WC

1939

from which

A juniper limb, 6 ins. diam., bears N. 51° E., 91 lks. dist., marked WC $\frac{1}{4}$ S25 BT.

A juniper, 8 ins. diam., bears N. 67° W., 75 lks. dist., marked WC $\frac{1}{4}$ S26 BT.

16. Survey: Subdivision Lines: T. 36 N., R. 13 W.

Chains	
	Asc. 50 ft. over SW. slope.
42.32	Triangulation point "B".
53.40	Top of spur, slopes W. Desc. 110 ft. over NW. slope to
58.80	Top of same rim, brs. NE. and SW. Desc. 115 ft. over broken rocky NW. slope to
61.60	Bottom of gulch, 5 lks. wide, course W: Asc. 340 ft. over steep S. slope over rock ledges to
71.80	Top of same broken rim, brs. E. and W. and top of spur, slopes W. Desc. 181 ft. over steep rocky NW. slope to
77.50	Bottom of gulch, 5 lks. wide, heads approx. 10 chs. E., course W. Asc. 78 ft. over rocky SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked
	T36N R13W S23 S24 S26 S25 1939
	from which
	A pinyon, 5 ins. diam., brs. N. $58\frac{1}{2}^{\circ}$ E., 117 lks. dist., marked T36N R13W S24 BT.
	A juniper, 8 ins. diam., bears S. $72\frac{1}{4}^{\circ}$ E., 30 lks. dist., marked T36N R13W S25 BT.
	A pinyon, 4 ins. diam., bears S. $20\frac{1}{2}^{\circ}$ W., 24 lks. dist., marked T36N R13W S26 BT.
	A juniper, 8 ins. diam., bears N. $36\frac{3}{4}^{\circ}$ W., 19 lks. dist., marked T36N R13W S23 BT.
	Land, mountainous and broken. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, blackbrush, cliff rose, and cacti. Poor grass.
	S. $89^{\circ} 45'$ E., on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect the E. bdy. of Tp. 4 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record.
	Thence,
	N. $89^{\circ} 47'$ W., on true line, bet. secs. 24 and 25.
	Over rolling land, thru moderate timber and undergrowth.
	Asc. 18 ft. over a gradual NE. slope to
2.90	Top of low spur, slopes N. Desc. 33 ft. over NW. slope to
9.20	Drain, 8 lks. wide, course N. Asc. 83 ft. over SE. slope.
29.00	Slope changes to E. Asc. 25 ft. to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 of 17.

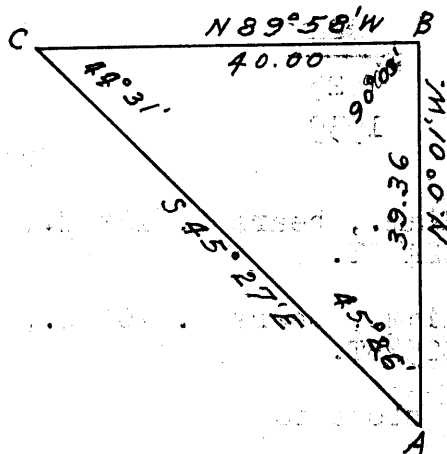
Chains	
40.02	Low saddle in spur, slopes N. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S24 $\frac{1}{4}$ S25 1939
	from which
	A juniper, 4 ins. diam., bears N. 12° E., 56 lks. dist., marked $\frac{1}{4}$ S24 BT.
	A juniper, 4 ins. diam., bears S. 70° W., 19 lks. dist., marked $\frac{1}{4}$ S25 BT.
	Desc. slightly over NW. slope to
42.00	Slope changes to gradual NE. slope. Asc. 17 ft. to
44.90	Top of ridge, brs. NW. & SE. Desc. 102 ft. over W. slope to
55.20	Bottom of draw, 8 lks. wide, course NW.. Asc. 87 ft. over NE. slope to
65.80	Top of spur, slopes NW. Desc. 117 ft. over W. slope. Enter mountainous land, brs. N. and S.
70.50	Slope changes to SW. Desc. 198 ft. to
80.04	The cor. of secs. 23, 24, 25, and 26. Land, rolling and mountainous. Soil, rocky clay and rocky; 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush, blackbrush, cliff rose, and cacti. Fair to poor grass.
	N. 0° 01' W., bet. secs. 23 and 24. Over mountainous land, thru scattering timber and undergrowth. Asc. 249 ft. over SW. slope to
17.00	Top of ascent, brs. SE. and N. 30° W. Desc. 36 ft. over top of rolling table land.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, and in a small mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S23 S24 1939
	from which
	A pinyon, 5 ins. diam., bears N. 88 $\frac{1}{2}$ ° E., 26 lks. dist., marked $\frac{1}{4}$ S24 BT.
	A juniper, 10 ins. diam., bears S. 22 $\frac{1}{4}$ ° W., 36 lks. dist., marked $\frac{1}{4}$ S23 BT.
	Continue over rolling table land to
40.64	Triangulation point "A". Top of broken rim (Grand Wash upper rim) bears E. and SW. Discontinue chaining at

Survey: Subdivision Lines: T. 36 N., R. 13 W.

18.

Chains

this point owing to precipitous broken slopes ahead, and triangulate across canyon as follows:



Designate 40.64 ch. station as point "A" and set flag "B" ahead on line at intersection with random line bet. secs. 14 and 23, surveyed S. 89° 58' E.

Designate temp. $\frac{1}{4}$ sec. cor. of secs. 14 and 23, which is N. 89° 58' W., 40.00 chs. dist. from "B", as point "C", from which point "A" bears S. 45° 27' E.

Included angles of the triangle "A-B-C" are 45° 26', 90° 03', and 44° 31', the sum of which is 180° 00'.

Chained dist. on sec. line to point "A" = 40.64 chs. N. 0° 01' W.
 Triang. dist. "A" to "B" = 39.36 chs. N. 0° 01' W.
 Total dist. to "B" = 80.00 chs. N. 0° 01' W.

From 40.64 ch. station descend about 935 ft. over a rocky precipitous NW. slope to

- 60.00 (Approx.) Bottom of canyon, course W. Asc. about 655 over a precipitous SW. slope to
- 76.00 (Approx.) Top of same rim, 100 ft. sheer, faces SW., brs. SE. and NW. Along steep W. slope to
- 80.00 Triangulation point "B". 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 the cor. of secs. 13, 14, 23, and 24, with brass cap marked

T36N R13W

S14	S13
S23	S24

1939

from which

A pinyon, 4 ins. diam., bears N. 68° E., 79 lks. dist., marked BT only.

A pinyon, 12 ins. diam., bears S. 74½° E., 112 lks. dist., marked T36N R13W S24 BT.

A pinyon, 8 ins. diam., bears S. 40½° W., 176 lks. dist., marked T36N R13W S23 BT.

A pinyon, 22 ins. diam., bears N. 32° W., 173 lks. dist., marked T36N R13W S14 BT.

Land, mountainous, rolling, and rough mountainous.

Soil, rocky; 4th rate.

Timber, pinyon and juniper.

Undergrowth, sage, cliff rose, oakbrush, manzanita, and thorny locust. Poor grass.

S. 89° 47' E., on a random line, bet. secs. 13 and 24.

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

80.14 Intersect the E. bdy. of Tp: 3 lks. S. of the cor. of secs.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

1919.

Chains	
	13, 18, 19, and 24, which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record.
	Thence,
	N. 89° 48' W., on true line, bet. secs. 13 and 24.
	Over rolling land, thru scattering timber and undergrowth.
	Asc. slightly up draw to
1.00	Leave draw, course E., from SW. Asc. 74 ft. over SE. slope to
10.30	Top of short spur, slopes S. Desc. 73 ft. over SW. slope to
19.80	Drain, course S. 10° E. Asc. slightly along a gradual S. slope to
32.60	Top of ridge, brs. S. and NW. Enter mountainous land, brs. S. and NW. Desc. 74 ft. over broken SW. slope to
40.07	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S13}{S24}$ 1939
	from which
	A pinyon, 5 ins. diam., brs. N. 32° E., 107 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A juniper, 12 ins. diam., bears S. 72 $\frac{1}{2}$ ° W., 127 lks. dist., marked $\frac{1}{4}$ S24 BT.
	Continue over broken SW. slope. Desc. 112 ft. to
51.40	Gulch, course S. 20° W. Asc. 194 ft. over SE. slope to
67.50	Top of short spur, slopes S. Desc. 56 ft. over gradual W. slope to
74.90	Base of gradual descent, brs. N. and S. Desc. 216 ft. over steep W. slope to
80.14	The cor. of secs. 13, 14, 23, and 24.
	Land, rolling and mountainous.
	Soil, rocky; 4th rate.
	Timber, pinyon and juniper.
	Undergrowth, sage, cliff rose, manzanita, and oakbrush.
	Fair to poor grass.
	N. 0° 01' W., bet. secs. 13 and 14.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 62 ft. along steep W. slope to
7.60	Rocky gulch, course SW. Asc. 351 ft. over S. slope to
20.00	Top of spurs, sloping W. and NW. Desc. 189 ft. over NE. slope to

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

20.

Chains	
38.30	Gulch, course N. 25° W. Asc. 30 ft. along broken W. slope.
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
	$\frac{1}{4}$
	S14 S13
	1939
	from which
	A juniper, 5 ins. diam., bears S. 35 $\frac{1}{4}$ ° E., 43 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A juniper, 10 ins. diam., bears S. 85 $\frac{3}{4}$ ° W., 112 lks. dist., marked $\frac{1}{4}$ S14 BT.
	Continue along broken W. slope to
50.50	Top of spur, slopes N. 70° W. Desc. 213 ft. over NW. slope to
56.40	Short canyon, course NE. Asc. 121 ft. over SE. slope to
69.20	Top of short spur, slopes N. 60° E. Desc. 170 ft. over broken NE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked
	T36N R13W
	S11 S12
	S14 S13
	1939
	from which
	A pinyon, 8 ins. diam., bears N. 12 $\frac{1}{2}$ ° E., 72 lks. dist., marked T36N R13W S12 BT.
	A pinyon, 10 ins. diam., bears S. 74 $\frac{1}{2}$ ° E., 138 lks. dist., marked T36N R13W S13 BT.
	A pinyon, 8 ins. diam., bears S. 22 $\frac{1}{4}$ ° W., 57 lks. dist., marked T36N R13W S14 BT.
	A pinyon, 24 ins. diam., bears N. 64 $\frac{1}{4}$ ° W., 85 lks. dist., marked T36N R13W S11 BT.
	land, mountainous.
	Soil, rocky; 4th rate.
	Timber, juniper and pinyon.
	Undergrowth, sage, cliff rose, oakbrush, and manzanita.
	Poor grass.
	S. 89° 48' E., on a random line, bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record.
	Thence,

Survey: Subdivision Lines: T. 36 N., R. 13 W.

21.

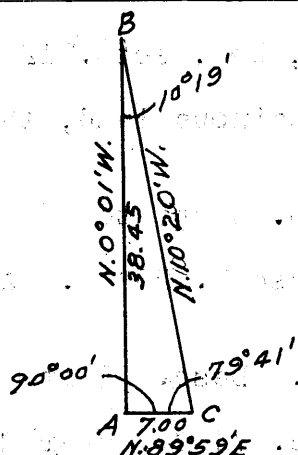
BOOK 4290

Chains	
	N. 89° 48' W., on true line, bet. secs. 12 and 13. Over heavy rolling and mountainous land, thru scattering timber and undergrowth. Desc: 201 ft. over broken NW. slope to
17.45	Bottom of small canyon, course N. 20° W. Asc. 106 ft. over E. slope to
21.20	Top of short spur, slopes N. Desc. 55 ft. over W. slope to
23.90	Gulch, course N. 20° E. Asc. 74 ft. over E. slope to
28.50	Top of short spur, slopes NE. Desc. 74 ft. over NW. slope.
33.80	Gulch, course N. 30° E. Asc. 105 ft. over E. slope to
40.10	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S12 \\ \hline S13 \\ 1939 \end{array}$
	from which
	A juniper, 12 ins. diam., bears S. 18° E., 31 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A juniper, 6 ins. diam., bears N. 49° W., 55 lks. dist., marked $\frac{1}{4}$ S12 BT.
	Continue over E. slope. Asc. 34 ft. to
44.20	Top of short spur, slopes N. 15° E. Desc. 85 ft. over NW. slope to
53.40	Gulch, course N. Asc. 95 ft. over NE. slope to
59.60	Top of short spur, slopes N. Desc. 473 ft. over steep W. slope to
74.95	Canyon, course N. 30° E. Asc. 208 ft. over broken NE. slope to
80.20	The cor. of secs. 11, 12, 13, and 14. Land, heavy rolling and mountainous. Soil, rocky clay; 4th rate. Timber, juniper and pinyon. Undergrowth, sage, cliff rose, manzanita, oakbrush, and cacti. Poor grass.
	N. 0° 01' W., bet. secs. 11 and 12. Over rough mountainous land, thru scattering timber and undergrowth. Desc. 10 ft. over NE. slope to
1.65	Triangulation point "A". Discontinue chaining at this point, owing to precipitous broken slopes ahead, and triangulate across canyon as follows:
	Designate 1.65 ch. station as point "A" and set flag "B" ahead on line.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

22.

Chains



From "A" chain a base N. 89° 59' E., 7.00 chs. dist., and set point "C", from which "B" bears N. 10° 20' W. Included angles of the triangle "A-B-C" are 90° 00', 10° 19', and 79° 41', the sum of which is 180° 00'.

Chained dist. on sec. line to point "A" = 1.65 chs.
Triang. dist. "A" to "B" = 38.45 chs.
Total dist. to "B" = 40.10 chs.

From 1.65 ch. station descend about 70 ft. over steep NE. slope to

4.50 (Approx.) Top of cliff (Grand Wash upper rim) 200 ft. high, faces NE., brs. SE. and NW. Desc. about 500 ft. over rocky precipitous NE. slope to

19.00 (Approx.) Bottom of canyon, course S. 70° W. Forks of canyons from SE. and NE. bears N. 70° E., approx. 3 chs. dist. Asc. about 500 ft. over a precipitous SW. slope to

33.00 (Approx.) Top of same cliff, brs. E. and W. Asc. about 200 ft. over SW. slope.

From triang. point "B" chain return measurement S. 0° 01' E., 0.10 chs. to

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

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

1939

from which

A juniper, 4 ins. diam., bears S. 78 $\frac{1}{4}$ ° E., 136 lks. dist., marked $\frac{1}{4}$ S12 BT.

A juniper, 7 ins. diam., bears S. 4° W., 59 lks. dist., marked $\frac{1}{4}$ S11 BT.

Continue over SW. slope. Asc. 140 ft. to

48.60 Top of high spur, slopes E., from NW. Desc. 81 ft. over NE. slope. Enter dense timber and undergrowth, brs. E. and W.

63.20 Gulch, course NE. Along a broken E. slope. Asc. 16 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked

T36N R13W

S2|S1

S11|S12

1939

from which

A juniper, 5 ins. diam., bears N. 81 $\frac{1}{2}$ ° E., 27 lks. dist., marked T36N R13W S1 BT.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 5280 23.

Chains

A juniper, 12 ins. diam., bears S. $55\frac{3}{4}^{\circ}$ E., 90 lks. dist., marked T36N R13W S12 BT.

A juniper, 12 ins. diam., bears S. 129° W., 79 lks. dist., marked T36N R13W S11 BT.

A juniper, 16 ins. diam., bears N. 87° W., 57 lks. dist., marked T36N R13W S2 BT.

Land, rough mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pinyon.
Undergrowth, sage, cliff rose, oakbrush, and manzanita.
Poor grass.

S. $89^{\circ} 48'$ E., on a random line, bet. secs. 1 and 12.

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

80.24 Intersect the E. bdy. of Tp. 9 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record.

Thence,

N. $89^{\circ} 44'$ W., on true line, bet. secs. 1 and 12.

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

Asc. 36 ft. over SE. slope to

4.40 Top of spur, slopes NE. Desc. 30 ft. over NW. slope to

12.20 Head of draw, course N. 20° E. Asc. 25 ft. over NE. slope.

20.70 Top of ridge, brs. N. and S. Desc. 235 ft. over W. slope.

36.40 Small draw, course S. 20° W. Asc. 88 ft. over SE. slope.

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

S1
 $\frac{1}{4}$ S12
1939

from which

A juniper, 8 ins. diam., bears S. $47\frac{1}{4}^{\circ}$ W., 153 lks. dist., marked $\frac{1}{4}$ S12 BT.

A juniper, 10 ins. diam., bears N. $48\frac{1}{4}^{\circ}$ W., 73 lks. dist., marked $\frac{1}{4}$ S1 BT.

Continue over SE. slope. Asc. 86 ft. to

48.20 Top of short spur, slopes S. Desc. 117 ft. over W. slope.

57.50 Gulch, course S. Asc. 112 ft. over broken E. slope to

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

Land, rolling and mountainous.
Soil, rocky clay; 4th rate.
Timber, juniper and pinyon.
Undergrowth, sage, cliff rose, oakbrush, and cacti. Poor grass.

24.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

Chains	
	N. 0° 01' W., bet. secs. 1 and 2.
	Over rolling and mountainous land, thru scattering timber and dense undergrowth.
	Along broken E. slope to
11.50	Draw, course E. Asc. 68 ft. over gradual S. slope to
24.00	Top of divide, brs. E. and W. Desc. 80 ft. over N. slope.
32.50	Drain, course N. 60° E. Desc. gradually over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S2 S1
	1939
	from which
	A juniper, 6 ins. diam., brs. N. 50° E., 39 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A juniper, 4 ins. diam., bears S. 6 $\frac{1}{4}$ ° W., 58 lks. dist., marked $\frac{1}{4}$ S2 BT.
	Continue over gradual NE. slope. Desc. 30 ft. to
53.80	Drain, course E. Asc. 25 ft. over S. slope to
58.00	Top of long spur, slopes N. 20° E. Desc. 55 ft. over NW. slope to
70.00	Slope changes to SW. Asc. 26 ft. to
77.00	Top of short spur, slopes W. Desc. 96 ft. over NW. slope.
84.78	Intersect the Ninth Standard Parallel North.
	Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for the closing cor. of secs. 1 and 2, with brass cap marked
	T37N R13W S36 S2 S1 T36N R13W CC 1939
	No bearing trees available.
	The standard cor. of secs. 35 and 36, T. 37 N., R. 13 W., bears West, 24.70 chs. dist., and the standard $\frac{1}{4}$ sec. cor. of sec. 36 bears East, 15.30 chs. dist., iron posts marked, and witnessed as described in the official record.
	Land, rolling and mountainous. Soil, rocky clay; 4th rate. Timber, juniper and pinyon. Undergrowth, sage, cliff rose, oakbrush, black brush, and cacti. Fair to poor grass.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

25.

BOOK 480

Chains	
	From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record,
	N. 0° 01' W., bet. secs. 34 and 35.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 106 ft. over SE. slope to
8.00	Head of draw, course SE. Asc. gradually over SE. slope to
13.00	Top of ridge, brs. N. 30° E. and S. 30° W. Desc. 139 ft. over NW. slope to
21.00	Head of drain, course W. Asc. 39 ft. over gradual SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S34 S35
	1939
	from which
	A pinyon, 6 ins. diam., bears N. 88 $\frac{1}{2}$ ° E., 48 lks. dist., marked $\frac{1}{4}$ S35 BT.
	A juniper, 14 ins. diam., bears West, 1 lk. dist., marked $\frac{1}{4}$ S34 BT.
	Continue over gradual SW. slope. Asc. 18 ft. to
42.90	Top of same ridge, brs. S. 30° E. and N. 20° W. Desc. 20 ft. over NE. slope.
44.70	Spring bears E., 29.45 chs. dist.
47.00	Head of ravine, course S. 80° E. Asc. 83 ft. over SE. slope to
53.50	Top of same ridge, brs. NE. and SW. Desc. 60 ft. over gradual NW. slope.
57.00	Spring bears E., 24.00 chs. dist.
61.00	Top of same ridge, brs. S. 20° E. and N. 20° W. Desc. 402 ft. over NE. slope to
77.00	Head of draw, course NE. Asc. gradually over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (+) on granite bedrock, and in a mound of stone to top, for the cor. of secs. 26, 27, 34, and 35, with brass cap marked
	T36N R13W
	S27 S26
	S34 S35
	1939
	from which

Survey: Subdivision Lines: T. 36 N., R. 13 W.

26.

Chains	
	<p>A pinyon, 6 ins. diam., bears N. 63° E., 109 lks. dist., marked T36N R13W S26 BT.</p> <p>A juniper, 6 ins. diam., bears S. $73\frac{1}{2}^{\circ}$ E., 104 lks. dist., marked T36N R13W S35 BT.</p> <p>A pinyon, 6 ins. diam., bears S. $64\frac{1}{2}^{\circ}$ W., 50 lks. dist., marked T36N R13W S34 BT..</p> <p>A juniper, 6 ins. diam., bears N. $84\frac{1}{2}^{\circ}$ W., 22 lks. dist., marked T36N R13W S27 BT.</p> <p>Land, mountainous. Soil, rocky; 4th rate. Timber, juniper, pinyon, and oak. Undergrowth, sagebrush, cliff rose, oakbrush, and cacti. Poor grass.</p>
	<p>East, on a random line, bet. secs. 26 and 35.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line 3 lks. S. of the cor. of secs. 25, 26, 35, and 36.
	Thence,
	S. $89^{\circ} 59'$ W., on true line, bet. secs. 26 and 35.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 460 ft. over SW. slope to
29.50	Hidden Canyon Wash, 50 lks. wide, course N. 15° W., from SE. Asc. 45 ft. over gradual NE. slope.
31.60	Dim road, brs. S. 50° E. and N. 16° W.
38.00	Draw, course NE. Asc. 12 ft. over gradual NE. slope to
39.97	Set an iron post, 3 ft. long, $\frac{1}{2}$ in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S26 \\ \frac{1}{4} \\ \hline S35 \\ 1939 \end{array}$
	from which
	<p>A juniper, 6 ins. diam., bears N. $13\frac{1}{2}^{\circ}$ E., 23 lks. dist., marked $\frac{1}{4}$ S26 BT.</p> <p>A juniper, 6 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ E., 69 lks. dist., marked $\frac{1}{4}$ S35 BT.</p>
	Asc. 145 ft. over E. slope to
46.90	Top of spur, slopes N. 15° E. Desc. 83 ft. over W. slope.
50.20	Bottom of draw, 5 lks. wide, course N., approx. 2 chs., thence NE. Asc. 37 ft. over E. slope to
51.30	Point of spur, slopes NE. Desc. 17 ft. over NW. slope to
53.70	Draw, 8 lks. wide, course N. 80° E., heads approx. 10 chs. S. 80° W. Asc. 182 ft. over SE. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 27.

Chains
 62.70 Saddle in short spur, slopes N. 60° E. Asc. 155 ft. over NE. slope.
 64.65 Garden Spring bears S., 0.30 chs. dist. Another spring bears S. 30° E., approx. 4.00 chs. dist.
 70.30 Slope changes to steep N. slope. Desc. 25 ft. to
 73.10 Draw, 5 lks. wide, course NE. Asc. 225 ft. over SE. slope to
 79.94 The cor. of secs. 26, 27, 34, and 35.
 Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, juniper and pinyon.
 Undergrowth, sagebrush, cliff rose, oakbrush, and cacti.
 Poor grass.

N. 0° 01' W., bet. secs. 26 and 27.

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

Asc. 16 ft. over gradual SE. slope to

3.00 Top of ridge, brs. NE. and SW. Over flat top of ridge.

4.60 Leave top of ridge, brs. NE. and SW. Desc. 164 ft. over NW. slope to

17.20 Top of abrupt descent, brs. NE. and SW. Desc. 503 ft. over steep NW. slope to

32.40 Rattlesnake Canyon Wash, 20 lks. wide, course E. Asc. 49 ft. over SE. slope.

35.50 Dim wagon road, brs. NE. and SW.

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

$\frac{1}{4}$

S27|S26

1939

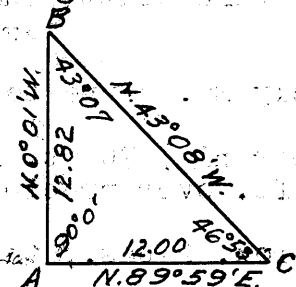
from which

A juniper, 8 ins. diam., bears S. 51 $\frac{1}{2}$ ° E., 14 lks. dist., marked $\frac{1}{4}$ S26 BT.

A juniper, 6 ins. diam., bears N. 48° W., 14 lks. dist., marked $\frac{1}{4}$ S27 BT.

Asc. slightly over SE. slope to

40.50 Triangulation point "A". Discontinue chaining at this point, owing to precipitous broken slopes ahead, and triangulate as follows:



Designate 40.50 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is +25 $\frac{1}{2}$ °.

From "A" chain a base N. 89° 59' E., 12.00 chs. dist., and set point "C", from which "B" bears N. 43° 08' W.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

28.

Chains

Included angles of the triangle "A-B-C" are $90^{\circ} 00'$,
 $43^{\circ} 07'$, and $46^{\circ} 53'$, the sum of which is $180^{\circ} 00'$.

Chained dist. on sec. line to point "A" = 40.50 chs.
 Triang. dist. "A" to "B" = 12.82 chs.
 Total dist. to "B" = 53.32 chs.

From 40.50 ch. station ascend 404 ft. over rocky broken
 SE. slope to

- 53.32 Triangulation point "B". Top of cliff (Grand Wash upper rim) 60 ft. high, faces SE., brs. NE. and SW. Continue line and measurement by chaining. Asc. 175 ft. over steep rocky SE. slope to
- 61.60 Top of spur, slopes E. Desc. 151 ft. over N. slope to
- 67.80 Ravine, 5 lks. wide, course NE. Asc. 20 ft. over SE. slope to
- 70.50 Top of spur, slopes E. Desc. 75 ft. over broken NE. slope.
- 77.20 Gully, 3 lks. wide, course E. Along E. slope. Asc. 17 ft.
- 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 the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T36N R13W

S22 | S23

S27 | S26

1939.

from which

A pinyon, 6 ins. diam., bears S. $71\frac{1}{2}^{\circ}$ E., 308 lks. dist., marked T36N R13W S26 BT.

A pinyon, 12 ins. diam., bears S. 37° W., 204 lks. dist., marked T36N R13W S27 BT.

A pinyon, 10 ins. diam., bears N. $54\frac{1}{2}^{\circ}$ W., 74 lks. dist., marked T36N R13W S22 BT.

No NE. bearing tree available.

Land, mountainous and broken.

Soil, rocky; 3rd and 4th rates.

Timber, juniper, pinyon, and few oak.

Undergrowth, sagebrush, oakbrush, cliff rose, and cacti.

Poor grass.

N. $89^{\circ} 59'$ E., on a random line, bet. secs. 23 and 26.

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

79.98 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25, and 26. Thence N. $89^{\circ} 58'$ W., bet. secs. 23 and 26. Over rough mountainous land, thru scattering timber and undergrowth.

Desc. 120 ft. over steep rocky SW. slope to

4.50 Top of cliff (Grand Wash upper rim) 70 ft. high, faces W., brs. N. and S. Desc. 364 ft. over precipitous W. slope.

11.50 Rocky gully, course SW., approx. 2 chs., thence S. 70° W.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

29.

BOOK

Chains	
	Continue over SW. slope. Desc. 363 ft. to
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with sandstone, 3x4x4 ins., marked with cross (+) deposited at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S23 \\ \frac{1}{4} \\ \hline S26 \\ 1939 \end{array}$
	from which
	A juniper, 6 ins. diam., bears N. $59\frac{3}{4}^{\circ}$ E., 291 lks. dist., marked $\frac{1}{4}$ S23 BT.
	No S. bearing tree available.
	Continue over SW. slope. Desc. 38 ft. to
42.00	Slope changes to W. Desc. 186 ft.
51.80	Dim road, brs. S. 2° E. and N. 2° W.
52.80	Hidden Canyon Wash, 50 lks. wide, 3 ft. deep, course N. 15° W. Asc. 677 ft. over rocky precipitous E. slope to
71.50	Top of Grand Wash upper rim, brs. N. and S. 15° W. Asc. slightly over E. slope to
71.80	Top of short spur, slopes N. Desc. 109 ft. over NW. slope to
77.20	Ravine, 10 lks. wide, course N. 10° E., approx. 3 chs., thence NE. Asc. 73 ft. over E. slope to
79.98	The cor. of secs. 22, 23, 26, and 27.
	Land, rough mountainous. Soil, rocky and rocky clay; 4th rate. Timber, pinyon and juniper. Undergrowth, sagebrush, cliff rose, oakbrush, manzanita, and thorny locust. Poor grass:
	N. $0^{\circ} 01'$ W., bet. secs. 22 and 23.
	Over mountainous and broken land, thru scattering timber and undergrowth.
	Desc. 59 ft. over broken NE. slope to
2.60	Gulch, 5 lks. wide, course E. Bend in rim from NE. to N. bears E., approx. 4 chs. dist. Asc. 52 ft. over SE. slope to
15.00	Top of spur, slopes E. Desc. 139 ft. over N. slope to
22.80	Top of Grand Wash upper rim, 20 ft. high, faces NW., brs. NE. and SW. Desc. 305 ft. over steep rocky NW. slope to
28.30	Ravine, 10 lks. wide, course N. 80° E. Asc. 98 ft. over SE. slope.
31.00	Bend in rim, 70 ft. high, bearing N. and W., bears W., approx. 2 chs. dist.
37.30	Top of same rim, 40 ft. high, faces SE., brs. NE. and SW. Along E. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

30.

Chains	
39.40	Top of same rim, broken, brs. SE. and NW. Desc. 20 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S22 S23
	1939
	from which
	A juniper, 10 ins. diam., bears N. $44\frac{1}{2}^{\circ}$ E., 60 lks. dist., marked $\frac{1}{4}$ S23 BT.
	No W. bearing tree available.
	A point on bluff, facing NE., bears N. $77\frac{1}{2}^{\circ}$ W., 32 lks. dist., marked +B0.
	Desc. 402 ft. over broken NE. slope.
47.70	Spring bears S. $39\frac{1}{2}^{\circ}$ E., 147 lks. dist. Spring bears S. $37\frac{1}{2}^{\circ}$ E., 110 lks. dist. Spring bears S. 66° W., 56 lks. dist. This group of three springs known as Lynx Springs.
54.00	Dry earth tank, approx. 35x20x6 ft., bears W., 1.00 ch. dist. Center of wooden trough, approx. 50 ft. long, bearing N. and S., bears E., 60 lks. dist. Earth tank, approx. 35x20x6 ft., bears S. 70° E., 430 lks. dist. Water is piped from Lynx Springs to trough, which overflows into E. earth tank.
55.60	Canyon wash, 20 lks. wide, 10 ft. deep, course E., approx. 4 chs. to Hidden Canyon Wash. Over gradual NE. slope in Hidden Canyon. Desc. 86 ft.
65.67	Barb wire fence (2 wires) bears S. 60° E. and N. 60° W., approx. 5 chs.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked
	T36N R13W
	S15 S14
	S22 S23
	1939
	from which
	A juniper, 5 ins. diam., bears N. 39° E., 372 lks. dist., marked T36N R13W S14 BT.
	A juniper, 8 ins. diam., bears S. $60\frac{1}{4}^{\circ}$ E., 378 lks. dist., marked T36N R13W S23 BT.
	A juniper, 6 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ W., 141 lks. dist., marked T36N R13W S22 BT.
	A juniper, 6 ins. diam., bears N. $61\frac{1}{4}^{\circ}$ W., 120 lks. dist., marked T36N R13W S15 BT.
	Land, rough mountainous to rolling, Soil, rocky and rocky clay; 4th and 3rd rates. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, and cacti. Poor to fair grass.

Survey: Subdivision Lines: T: 36 N., R: 13 W.

BOOK 4290 31.

Chains	
	S. 89° 58' E., on a random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor. <small>NOV 1895 FOUND BY ...</small>
80.00	Intersect the cor. of secs. 13, 14, 23, and 24.
	Thence,
	N. 89° 58' W., on true line bet. secs. 14 and 23.
	Over rough mountainous land, thru scattering timber and undergrowth.
	Desc. 221 ft. over steep W. slope to
5.70	Top of bluff (Grand Wash upper rim) 100 ft. high, faces W., brs. SE. and N., approx. 3 chs., thence N. 80° W. Desc. 225 ft. over rocky precipitous W. slope to
8.50	Gulch, course SW. Asc. 50 ft. over SE. slope to
14.00	Top of short spur, slopes S. Desc. 302 ft. over broken SW. slope to
38.70	Gully, course S. Asc. 40 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, and in a small mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S14 \\ \frac{1}{4} \cdot \\ \hline S23 \\ 1939 \end{array}$
	from which
	A juniper, 10 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 61 lks. dist., marked $\frac{1}{4}$ S14 BT.
	A juniper, 7 ins. diam., bears S. 30 $\frac{3}{4}$ ° E., 38 lks. dist., marked $\frac{1}{4}$ S23 BT.
	Continue over SE. slope. Asc. 132 ft. to
45.70	Top of spur, slopes S. 60° W. Desc. 72 ft. over NW. slope.
53.40	Slope changes to W. Desc. 646 ft. to
74.00	Base of steep descent, brs. N. and S. Over bottom of Hidden Canyon.
74.92	Dim road, brs. N. and S.
78.00	Right bank of Hidden Canyon Wash, 3 ft. high, course N. 15° W.
79.92	Left bank of wash, 5 ft. high. Asc. slightly over NE. slope to
80.00	The cor. of secs. 14, 15, 22, and 23.
	Land, rough mountainous.
	Soil, rocky; 4th rate.
	Timber, juniper and pinyon.
	Undergrowth, sagebrush, cliff rose, oakbrush, manzanita, and cacti. Poor grass.
	N. 0° 01' W., bet. secs. 14 and 15.
	Over mountainous land, thru scattering timber and undergrowth.

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

32.

Chains	
	Desc. slightly over NE. slope to
0.30	Left bank of Hidden Canyon Wash, 5 ft. high, course N. 15° W. Desc. 23 ft. over bottom of Hidden Canyon.
5.30	Right bank of wash.
12.40	Dim road, brs. S. 32° E. and N. 32° W.
13.00	Leave bottom of canyon, brs. SE. and NW. Asc. 436 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., over cross (+) on bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked S15 S14 1939 from which A point, 3 $\frac{1}{2}$ ft. above base, on limestone ledge, 15 ft. high and 40 ft. long, facing W., bears N. 61 $\frac{1}{4}$ ° E., 29 lks. dist., marked B+0. No bearing trees available. Continue over SW. slope. Asc. 39 ft. to
41.50	Top of spur, slopes S. 70° W. Top of limestone ledge, 20 ft. high, faces NW., brs. NE. and SW., approx. 2 chs. Desc. 364 ft. over NW. slope to
53.00	Canyon wash, 10 lks. wide, course W., approx. 5 chs. to St. George Canyon Wash. Along gradual W. slope. Desc. 6 ft. to
61.90	Dim road, brs. N. 15° E. and S. 15° W.
64.00	Left bank of St. George Canyon Wash, 3 ft. high, course S. 25° W. Asc. 63 ft. up St. George Canyon.
73.30	Center of main channel, 100 lks. wide, course S. 25° W.
74.20	Right bank of wash. Asc. 92 ft. over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in rock crevice, and in a small mound of stone to top, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked T36N R13W S10 S11 S15 S14 1939 from which A juniper, 6 ins. diam., bears N. 1 $\frac{1}{4}$ ° E., 312 lks. dist., marked T36N R13W S11 BT. A point, 2 ft. above base, on limestone ledge, 3 ft. high, 15 ft. long, facing E., bears S. 32° W., 51 lks. dist., marked B+0. A juniper, 12 ins. diam., bears N. 18 $\frac{1}{4}$ ° W., 331 lks. dist., marked T36N R13W S10 BT. No other bearing tree available.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

33.

Chains	
	<p>Land, mountainous. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Undergrowth, sagebrush, oakbrush, and cacti. Poor grass.</p>
	<p>S. 89° 58' E., on a random line, bet. secs. 11 and 14.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 25 lks. N. of the cor. of secs. 11, 12, 13, and 14.
	Thence,
	N. 89° 47' W., on true line, bet. secs. 11 and 14.
	Over rough mountainous land, thru scattering timber and undergrowth.
	Asc. 173 ft. over broken NE. slope to
5.70	Top of short spur, slopes N. Desc. 251 ft. over NW. slope.
15.90	Top of cliff (Grand Wash upper rim) 100 ft. high, faces NW., brs. NE. and SW. Desc. 538 ft. over rocky broken NW. slope to
39.98	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
	$\begin{array}{r} \frac{1}{4} \text{ S11} \\ \hline \text{S14} \\ 1939 \end{array}$
	from which
	A juniper, 10 ins. diam., bears N. 78° E., 59 lks. dist., marked $\frac{1}{4}$ S11 BT.
	A pinyon, 10 ins. diam., bears S. 25 $\frac{1}{2}$ ° E., 98 lks. dist., marked $\frac{1}{4}$ S14 BT.
	Continue over NW. slope. Desc. 35 ft. to
41.80	Canyon wash, course SW. Asc. 48 ft. over SE. slope to
45.20	Point of spur, slopes S. Desc. 124 ft. over SW. slope to
57.00	Same wash, course NW. Asc. 30 ft. over NE. slope to
59.00	Point of spur, slopes N. Desc. 93 ft. over NW. slope to
66.70	Same wash, course W., from NE. Desc. 25 ft. down wash.
75.50	Dim road, brs. N. 30° E. and S. 30° W.
76.50	St. George Canyon wash, 100 lks. wide, course S. 30° W. Asc. 50 ft. over SE. slope to
79.96	The cor. of secs. 10, 11, 14, and 15.
	<p>Land, rough mountainous. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, manzanita, and cacti. Poor grass.</p>
	N. 0° 01' W., bet. secs. 10 and 11.
	Over mountainous land, thru scattering timber and undergrowth.

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

34.

Chains	
	Asc. 148 ft. over rocky SE. slope to
9.00	Top of short spur, slopes E. Desc. 80 ft. over NE. slope to
16.80	Ravine, 5 lks. wide, course S. 70° E. Asc. 150 ft. over SE. slope to
20.60	Top of spur, slopes S. 80° E. Desc. 146 ft. over NE. slope.
26.90	Ravine, 10 lks. wide, course S. 60° E. Asc. 151 ft. over SE. slope to
36.00	Top of spur, slopes E. Desc. 15 ft. over 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
	$\frac{1}{4}$
	S10 S11
	1939
	from which
	A juniper, 8 ins. diam., bears N. 32 $\frac{1}{2}$ ° E., 87 lks. dist., marked $\frac{1}{4}$ S11 BT.
	A juniper, 6 ins. diam., bears N. 18 $\frac{3}{4}$ ° W., 123 lks. dist., marked $\frac{1}{4}$ S10 BT.
	Desc. 30 ft. over rolling NE. slope to
44.10	Canyon wash, 15 lks. wide, course S. 60° E., from SW. Asc. 237 ft. over SW. slope to
59.00	Top of spur, slopes S. 30° E. Along E. slope. Asc. 31 ft. to
67.40	Top of short spur, slopes N. 70° E. Desc. 116 ft. over N. slope to
72.40	Ravine, 10 lks. wide, course E., approx. 10 chs. to St. George Canyon. Asc. 143 ft. over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked
	T36N R13W
	S3 S2
	S10 S11
	1939
	from which
	A juniper, 6 ins. diam., bears N. 72 $\frac{1}{2}$ ° E., 43 lks. dist., marked T36N R13W S2 BT.
	A juniper, 9 ins. diam., bears S. 47° E., 41 lks. dist., marked T36N R13W S11 BT.
	A juniper, 5 ins. diam., bears S. 59 $\frac{1}{4}$ ° W., 50 lks. dist., marked T36N R13W S10 BT.
	A juniper, 10 ins. diam., bears N. 29 $\frac{3}{4}$ ° W., 251 lks. dist., marked T36N R13W S3 BT.
	Land, mountainous. Soil, rocky; 3rd and 4th rates.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

35:

Chains	
	Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, and cacti. Fair grass.
	S. 89° 47' E., on a random line, bet. secs. 2 and 11
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line. 7 lks. N. of the cor. of secs. 1, 2, 11, and 12.
	Thence, N. 89° 44' W., on true line, bet. secs. 2 and 11.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 29 ft. over E. slope to
8.00	Top of spur, slopes S. 20° W. Desc. 352 ft. over NW. slope.
24.80	Gulch, course S. 60° W. Asc. slightly along S. slope to
37.00	Top of spur, slopes S. 60° W. Desc. 60 ft. over W. slope.
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a small mound of stone, to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S2
	S11
	1939
	from which
	A pinyon, 12 ins. diam., bears N. 71° E., 170 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A pinyon, 12 ins. diam., bears S. 30° W., 75 lks. dist., marked $\frac{1}{4}$ S11 BT.
	Continue over W. slope. Desc. 270 ft. to
50.90	Gulch, course SW. Asc. 55 ft. over SE. slope to
52.30	Top of spur, slopes SW. Desc. 180 ft. over broken W. slope.
67.60	Dim road, brs. N. and S.
67.80	St. George Canyon Wash, 25 lks. wide, course S. Asc. 196 ft. over broken SE. slope to
79.90	The cor. of secs. 2, 3, 10, and 11.
	Land, mountainous.
	Soil, rocky clay; 4th rate.
	Timber, juniper and pinyon.
	Undergrowth, sage, cliff rose, manzanita, oakbrush, and cacti. Fair grass.
	N. 0° 01' W., bet. secs. 2 and 3.
	Over mountainous and rolling land, thru scattering timber and undergrowth.
	Asc. 7 ft. over SE. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

36:

Chains	
0.80	Top of short spur, slopes S. 80° E. Desc. 68 ft. over NE. slope to
6.60	Short drain, course E. Asc. 60 ft. over SE. slope to
13.70	Top of spur, slopes E., approx. 10 chs. Desc. 130 ft. over NE. slope to
23.10	Ravine, course N. 80° E. Asc. 105 ft. over SE. slope to
40.00	Top of spur, slopes SE. Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S3 S2 1939
	from which
	A juniper, 12 ins. diam., bears N. 37° E., 106 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A juniper, 7 ins. diam., bears S. 62 $\frac{1}{4}$ ° W., 19 lks. dist., marked $\frac{1}{4}$ S3 BT.
	Desc. 25 ft. over gradual NE. slope to
54.80	St. George Canyon Wash, 30 lks. wide, course S. 30° E. Asc. 17 ft. over SW. slope.
55.90	Dim road, brs. S. 30° E. and NW.
60.30	Same wash, course S. 30° W., from N. Asc. 6 ft. up wash.
62.50	Same road, brs. N. 20° E. and S. 20° W.
64.30	Leave wash, course S., from NE. Asc. 71 ft. over a gradual SE. slope to
84.30	Intersect the Ninth Standard Parallel North. Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked
	T37N R13W S35 S3 S2 T36N R13W CC 1939
	from which
	A juniper, 10 ins. diam., bears S. 56 $\frac{1}{2}$ ° E., 60 lks. dist., marked T36N R13W S2 CC BT.
	A juniper, 10 ins. diam., bears S. 60 $\frac{1}{4}$ ° W., 86 lks. dist., marked T36N R13W S3 CC BT.
	The standard cor. of secs. 34 and 35, T. 37 N., R. 13 W., bears West, 24.80 chs. dist., and the standard $\frac{1}{4}$ sec. cor. of sec. 35 bears East, 15.20 chs. dist., iron posts marked, and witnessed as described in the official record.

Survey: , Subdivision Lines: T. 36 N., R. 13 W.

37.

BOOK 4290

Chains

Land, mountainous and rolling.
Soil, rocky clay and limestone, 3rd and 4th rates.
Timber, juniper and pinyon.
Undergrowth, sagebrush, cliff rose, and cacti. Fair grass.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record,

N. 0° 02' W., bet. secs. 33 and 34.

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

Asc. 8 ft. over SE. slope to

-2.50 Top of ridge, brs. S. 10° W. and N. 15° W. Desc. 198 ft. over NE. slope to

9.90 Head of draw, course NE. Asc. 146 ft. over SE. slope to

27.20 Top of same ridge, brs. N. 15° E. and S. 15° W. Desc. 129 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

S33|S34

1939

from which

A pinyon, 22 ins. diam., bears S. 26 $\frac{1}{2}$ ° E., 132 lks. dist., marked $\frac{1}{4}$ S34 BT.

A juniper, 6 ins. diam., bears N. 68 $\frac{1}{2}$ ° W., 23 lks. dist., marked $\frac{1}{4}$ S33 BT.

Desc. 94 ft. along steep W. slope to

47.80 Spring bears West, 34.00 chs. dist. From spring water is piped N. 80° E., 15.95 chs. to concrete tank, 10x3x1 $\frac{1}{2}$ ft.

53.40 Hillside drain, course W. Asc. 30 ft. over SW. slope to

58.90 Top of short spur, slopes W., approx. 10 chs. Desc. 51 ft. over steep NW. slope to

61.60 Top of cliff (Grand Wash upper rim) 120 ft. high, faces NW., brs. NE. and SW. Desc. 694 ft. over rocky broken NW. slope to

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

S28|S27

S33|S34

1939

from which

A juniper, 6 ins. diam., bears N. 16 $\frac{1}{2}$ ° E., 59 lks.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

38.

Chains

dist., marked T36N R13W S27 BT.

A juniper, 6 ins. diam., bears S. 77° E., 45 lks.
dist., marked T36N R13W S34 BT.

A juniper, 6 ins. diam., bears S. 82½° W., 118 lks.
dist., marked T36N R13W S33 BT.

A juniper, 6 ins. diam., bears N. 41½° W., 126 lks.
dist., marked T36N R13W S28 BT.

Land, mountainous and broken.

Soil, rocky; 4th rate.

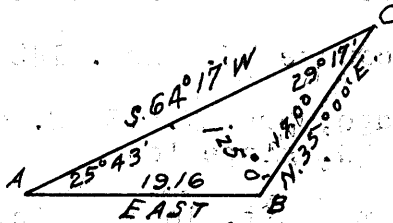
Timber, juniper and pinyon.

Undergrowth, sagebrush, cliff rose, oakbrush, and cacti.

Poor grass.

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

Owing to precipitous ascent over cliff facing NW., triangulate as follows:



Designate the cor. of secs. 27, 28, 33, and 34 as point "A", and set flag "B" ahead on random line, the vertical angle to which is +28½°.

From "B" chain a base N. 35° 00' E., 17.00 chs. to point "C" from which flag "A" bears S. 64° 17' W.

Included angles of triangle "A-B-C" are 25° 43', 125° 00', and 29° 17', the sum of which is 180° 00'.

Triangulated dist. "A" to "B" = 19.16 chs. East.
Total dist. to "B" = 19.16 chs. East.

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

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line 12 lks. N. of the cor. of secs. 26, 27, 34, and 35.

Thence,

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

Over rough mountainous land, thru scattering timber and undergrowth.

Asc. 21 ft. over SE. slope to

2.35 Top of ridge, brs. N. 20° E. and S. 20° W. Desc. 60 ft. over NW. slope to

6.10 Top of rock ledge, 50 ft. high, faces NW., brs NE. and SW. Desc. 470 ft. over rocky broken NW. slope to

24.70 Wash, 10 lks. wide, course N. 10° E. Dim road, brs. NE. and SW. Along bottom of Rattlesnake Canyon. Desc. 8 ft. to

29.30 Rattlesnake Canyon Wash, 30 lks. wide, course N. 70° E.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

59.

Chains	
	Asc. 235 ft. over SE. slope to
40.03	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
	$\begin{array}{r} \frac{1}{4} \text{ S27} \\ \hline \text{S34} \\ 1939 \end{array}$
	from which
	A juniper limb, 6 ins. diam., bears N. 47° E., 100 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A juniper, 12 ins. diam., bears S. 29° W., 105 lks. dist., marked $\frac{1}{4}$ S34 BT.
	Along S. slope. Desc. 8 ft.
42.00	Small water seep bears N., approx. 50 lks. dist.
42.20	Sidhill drain, course SE. Asc. 200 ft. over rocky broken E. slope to
45.10	Top of cliff (Grand Wash upper rim) 50 ft. high, faces E., brs. N., approx. 3 chs., thence E., approx. 7 chs., thence NE., and S., approx. 4 chs., thence SW. Asc. 330 ft. over SE. slope to
55.80	Top of ridge, brs. NE. and SW. Desc. 106 ft. over NW. slope to
60.90	Top of cliff (Grand Wash Upper rim) 150 ft. high, faces NW., brs. S. 51° W. and N. 51° E., approx. 5 chs., thence N. Discontinue chaining. Measurement by triangulation hereinbefore described. Desc. 679 ft. over rocky broken NW. slope to
80.06	The cor. of secs. 27, 28, 33, and 34.
	Land, rough mountainous. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, and cacti. Poor grass.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over mountainous and rolling land, thru moderate timber and dense undergrowth.
	Desc. 109 ft. over NW. slope to
9.85	Last Chance Canyon Wash, 30 lks. wide, course N. 20° E. Asc. 5 ft. over SE. slope.
10.25	Dim road, brs. N. 20° E. and S. 30° W.
16.60	Point of spur, slopes E. Desc. 97 ft. over NE. slope to
33.40	Same wash, course N. 10° W. Asc. 8 ft. over SW. slope.
39.20	Same dim road, brs. S. 24° E. and N. 24° W. Enter scattering timber and undergrowth, brs. S. 20° E. and N. 20° W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey: Subdivision Lines: T. 36 N., R. 13 W.

40.

Chains

	<p style="text-align: center;">.s28 s27</p> <p style="text-align: center;">1939</p> <p style="text-align: right;">from which</p> <p>A juniper, 5 ins. diam., bears N. $38\frac{1}{4}^{\circ}$ E., 81 lks. dist., marked $\frac{1}{4}$ S27 BT.</p> <p>A juniper, 5 ins. diam., bears S. $48\frac{1}{2}^{\circ}$ W., 42 lks. dist., marked $\frac{1}{4}$ S28 BT.</p> <p>Asc. 98 ft. over rolling SW. slope to</p>
65.65	Top of low spur, slopes S. 70° W. Along W. slope over slide rock. Desc. 22 ft. to
77.25	Slope changes to SW. Asc. 26 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 21, 22, 27, and 28, with brass cap marked
	<p style="text-align: center;">T36N R13W</p> <p style="text-align: center;">S21 S22</p> <p style="text-align: center;">S28 S27</p> <p style="text-align: center;">1939</p> <p style="text-align: right;">from which</p> <p>A juniper, 5 ins. diam., bears N. $86\frac{3}{4}^{\circ}$ E., 334 lks. dist., marked T36N R13W S22 BT.</p> <p>A juniper, 7 ins. diam., bears S. 22° W., 91 lks. dist., marked T36N R13W S28 BT.</p> <p>A juniper, 10 ins. diam., bears N. 30° W., 45 lks. dist., marked T36N R13W S21 BT.</p> <p>No SE. bearing tree available.</p> <p>Land, mountainous and rolling. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, oakbrush, cliff rose, and cacti. Fair to poor grass.</p>
	S. $89^{\circ} 55'$ E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 4 lks. N. of the cor. of secs. 22, 23, 26, and 27.
	Thence,
	N. $89^{\circ} 53'$ W., on true line, bet. secs. 22 and 27.
	Over rough mountainous land, thru scattering timber and undergrowth.
	Asc. 159 ft. over rocky NE. slope to
10,10	Ravine, 10 lks. wide, course N. 80° E. Asc. 275 ft. over SE. slope to
20.70	Top of spur, slopes N. 10° E. Desc. 128 ft. over W. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 41:

Chains	
25.60	Ravine, 5 lks. wide, course N., heads S., approx. 5 chs. dist. Asc. 33 ft. over NE. slope to
28.00	Slope changes to N. Asc. 10 ft. to
31.30	Ravine, 5 lks. wide, heads approx. 7 chs. SW., course N. 30° E. Asc. 130 ft. over E. slope to
36.00	Top of spur, slopes N. 10° E. Desc. 104 ft. over W. slope to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S22 $\frac{1}{4}$ S27 1939
	from which
	A pinyon, 10 ins. diam., bears S. 71 $\frac{3}{4}$ ° E., 69 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A pinyon, 5 ins. diam., bears N. 9 $\frac{1}{2}$ ° W., 84 lks. dist., marked $\frac{1}{4}$ S22 BT.
	Continue over W. slope. Desc. 134 ft. to
44.50	Ravines from S. and SW., course N. Asc. 112 ft. over E. slope to
50.00	Top of short spur, slopes NE. approx. 8 chs. Along N. slope. Desc. 8 ft. to
55.90	Ravine, 5 lks. wide, heads approx. 3 chs. SW., course NE. Asc. 62 ft. over SE. slope to
59.00	Top of ridge, brs. N. and S. Desc. 220 ft. over W. slope.
63.80	Top of broken cliff (Grand Wash upper rim) 100 ft. high, faces W., brs. S. 5° E. and N. 5° W. Desc. 593 ft. over rocky broken SW. slope to
80.04	The cor. of secs. 21, 22, 27, and 28. Land, rough mountainous. Soil, rocky; 4th rate. Timber, pinyon and juniper. Undergrowth, sagebrush, oakbrush, cliff rose, and cacti. Fair to poor grass.
	N. 0° 02' W., bet. secs. 21 and 22. Over rough mountainous land, thru scattering timber and undergrowth. Asc. 263 ft. over rolling and broken SW. slope over slide rock to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S21 S22 1939
	from which

Survey: Subdivision Lines: T. 36 N., R. 13 W.

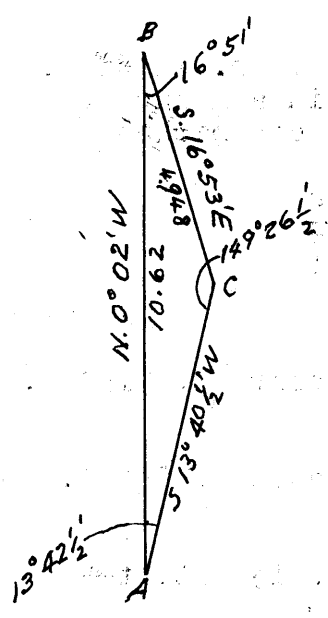
42.

Chains

A juniper, 10 ins. diam., brs. S. 7½° E., 82 lks. dist., marked ¼ S22 BT.

A juniper, 16 ins. diam., brs. S. 44½° W., 144 lks. dist., marked ¼ S21 BT.

Triangulation point "A". Discontinue chaining at this point owing to precipitous slope and cliff ahead, and triangulate as follows:



Designate the ¼ sec. cor. of secs. 21 and 22 as point "A" and set flag "B" ahead on line, the vertical angle to which is +24°.

From "B" chain a base S. 16° 53' E., 4.948 chs. and set flag "C", from which "A" brs. S. 13° 40½' W.

Included angles of the triangle "A-B-C" are 13° 42½', 16° 51', and 149° 26½', the sum of which is 180° 00'.

Chained dist. to point "A"	=	40.00 chs. N. 0° 02' W.
Triang. dist. "A" to "B"	=	10.62 chs. N. 0° 02' W.
Total dist. to "B"	=	50.62 chs. N. 0° 02' W.

From ¼ sec. cor. ascend 312 ft. over rocky broken SW. slope.

- 50.62 Triangulation point "B". Top of cliff (Grand Wash upper rim) 110 ft. high, brs. S. 13° E. and N. 13° W. Resume chaining and continue line and measurement. Asc. 70 ft. over SW. slope to
- 61.50 Top of spur, slopes W. Desc. 60 ft. over N. slope to
- 65.00 Ravine, 5 lks. wide, heads approx. 12 chs. S. 70° E., course W. Asc. 45 ft. over S. slope to
- 69.00 Top of spur, slopes W., approx. 5 chs. to cliff. Desc. 116 ft. over NW. slope to
- 73.50 Ravine, 10 lks. wide, heads approx. 10 chs. S. 80° E., course W. Asc. 10 ft. along gradual W. slope to
- 80.00 Top of ridge, brs. SE. and NW. 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 the cor. of secs. 15, 16, 21, and 22, with brass cap marked

T36N R13W
 S16 | S15
 S21 | S22
 1939

from which

A pinyon, 7 ins. diam., bears N. 59½° E., 75 lks. dist., marked T36N R13W S15 BT.

A pinyon, 7 ins. diam., bears S. 45¾° E., 43 lks. dist., marked T36N R13W S22 BT.

A pinyon, 5 ins. diam., bears S. 31° W., 65 lks. dist., marked T36N R13W S21 BT.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4296

43.

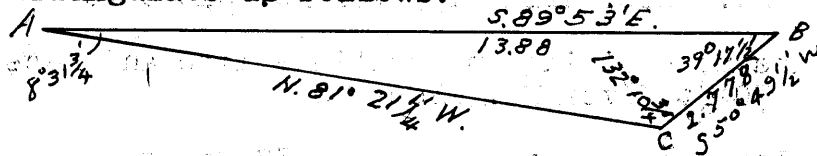
Chains

A pinyon, 5 ins. diam., bears N. 6 1/2° W., 156 lks. dist., marked T36N R13W S16 BT.

Land, rough mountainous.
Soil, rocky; 4th rate.
Timber, pinyon and juniper.
Undergrowth, sagebrush, cliff rose, oakbrush, and cacti.
Poor grass.

S. 89° 53' E., on a random line, bet. secs. 15 and 22.

10.53 Discontinue chaining at this point, owing to cliffs ahead, and triangulate as follows:



Designate 10.53 ch. station as point "A" and set flag "B" ahead on random line, the vertical angle to which is -1°.

From "B" chain a base S. 50° 49 1/2' W., 2.778 chs. to point "C" from which flag "A" bears N. 81° 21 1/4' W.

Included angles of triangle "A-B-C" are 8° 31 3/4', 39° 17 1/2', and 132° 10 3/4', the sum of which is 180° 00'.

Chained dist. on random line to point "A"	= 10.53 chs. S. 89° 53' E.
Triang. Dist. "A" to "B"	= 13.88 chs. S. 89° 53' E.
Total dist. to "B"	= 24.41 chs. S. 89° 53' E.

24.41 Triangulation point "B". Resume chaining and continue line and measurement.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 10 lks. S. of the cor. of secs. 14, 15, 22, and 23.

Thence,

N. 89° 57' W., on true line, bet. secs. 15 and 22.

Over rough mountainous land, thru scattering timber and undergrowth.

Asc. 602 ft. over steep rocky NE. slope.

28.00 Grand Wash Upper Rim, 150 ft. sheer, faces N., bearing W. and S. 70° E., bears S., approx. 3 chs. dist.

29.90 Slope changes to N. Desc. 37 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4	S15

	S22
	1939.

from which

A pinyon, 8 ins. diam., bears N. 1/2° E., 73 lks. dist., marked 1/4 S15 BT.

A pinyon, 10 ins. diam., bears S. 86° W., 43 lks. dist., marked 1/4 S22 BT.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

44.

- Chains Asc. 290 ft. over broken NE. slope over slide rock and cliffs to
- 55.59 Point of top of cliffs (Grand Wash upper rim) 195 ft. sheer, faces N., brs. S. 77° E. and S. 58° W., approx. 5 chs., thence NW. Discontinue chaining. Measurement by triangulation hereinbefore described. Desc. about 230 ft. over rocky broken NW. slope to
- 61.00 (Approx.) Bottom of descent. Asc. about 245 ft. over broken NE. slope over slide rock and cliff to
- 69.30 Top of same cliff, 160 ft. high, faces NE., brs. SE. and NW. Asc. slightly over NE. slope to
- 69.47 Resume chaining and continue line and measurement. Asc. 70 ft. over NE. slope to
- 75.80 Slope changes to N. Desc. 37 ft. to
- 80.00 The cor. of secs. 15, 16, 21, and 22.

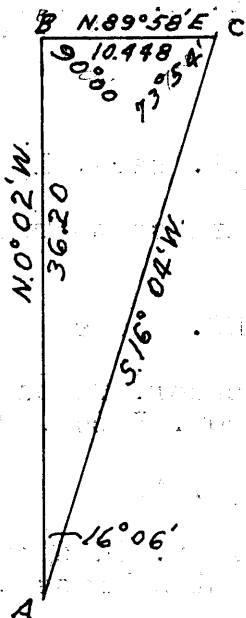
Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, pinyon and juniper.
 Undergrowth, sagebrush, oakbrush, cliff rose, and cacti.
 Poor grass.

N. 0° 02' W., bet. secs. 15 and 16.

Over rough mountainous land, thru scattering timber and undergrowth,

Desc. 42 ft. over N. slope to

- 2.66 Triangulation point "A". Discontinue chaining at this point, owing to precipitous slope and cliff ahead, and triangulate as follows:



Designate 2.66 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is -24 1/2°.

From "B" chain a base N. 89° 58' E., 10.448 chs. and set flag "C", from which "A" bears S. 16° 04' W.

Included angles of the triangle "A-B-C" are 16° 06', 90° 00', and 73° 54', the sum of which 180° 00'.

Chained dist. to point "A" = 2.66 chs. N. 0° 02' W.
 Triang. dist. "A" to "B" = 36.20 chs. N. 0° 02' W.
 Total dist. to "B" = 38.86 chs. N. 0° 02' W.

From 2.66 ch. station descend slightly over N. slope to

- 2.75 Top of cliff (Grand Wash upper rim) 160 ft. high, brs. E. and W., faces N. Desc. 1076 ft. over rocky broken N. slope to
- 38.80 Dim road, brs. S. 83° E. and N. 83° W. Enter bottom of Hidden Canyon, same bearing. Over bottom land.
- 38.86 Triangulation point "B". Resume chaining and continue

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4280

45:

Chains

line and measurement to

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

WC
 $\frac{1}{4}$

S16|S15

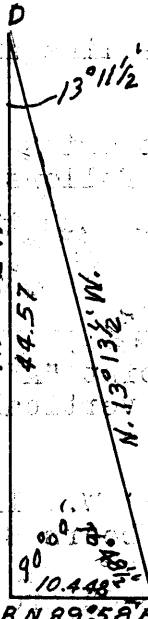
1939

from which

A juniper, 10 ins. diam., bears S. 52° E., 210 lks. dist., marked WC $\frac{1}{4}$ S15 BT.

A juniper, 14 ins. diam., bears S. 31° W., 136 lks. dist., marked WC $\frac{1}{4}$ S16 BT.

Discontinue chaining at this point owing to precipitous slope and cliff ahead, and triangulate as follows:



Return to point "B" and set flag "D" ahead on line, the vertical angle to which is +22 $\frac{1}{2}$ °.

Using same base, hereinbefore given, N. 89° 58' E., 10.448 chs., to point "C" from which "D" bears N. 13° 13 $\frac{1}{2}$ ' W.

Included angles of triangle "B-C-D" are 90° 00', 76° 48 $\frac{1}{2}$ ', and 13° 11 $\frac{1}{2}$ ', the sum of which is 180° 00'.

Chained and triang. dist. to point "B" = 38.86 chs. N. 0° 02' W.
Triang. dist. "B" to "D" = 44.57 chs. N. 0° 02' W.
Total dist. to "D" = 83.43 chs. N. 0° 02' W.

From witness $\frac{1}{4}$ sec. cor. continue over bottom of Hidden Canyon.

39.10 Left bank of Hidden Canyon Wash, 3ft. high, course W.

40.00 True point for $\frac{1}{4}$ sec. cor. falls in Hidden Canyon Wash.

41.60 Right bank of wash.

44.00 (Approx.) Leave bottom of Hidden Canyon, brs. E. and W. Asc. 960 ft. over steep, rocky broken S. slope to

75.50 (Approx.) Top of broken cliff (Grand Wash upper rim) 190 ft. high, faces S., brs. E. and W. Asc. 145 ft. over steep rocky S. slope.

From triang. point "D". chain return measurement S. 0° 02' E., 3.43 chs. 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 the cor. of secs. 9, 10, 15, and 16, with brass cap marked

T36N R13W

S9|S10

S16|S15

1939

Survey: Subdivision Lines: T. 36 N., R. 13 W.

46.

Chains

from which

A juniper, 10 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ E., 44 lks. dist., marked T36N R13W S10 BT.

A juniper, 12 ins. diam., bears S. 72° E., 147 lks. dist., marked T36N R13W S15 BT.

A pinyon, 8 ins. diam., bears S. $81\frac{1}{4}^{\circ}$ W., 199 lks. dist., marked T36N R13W S16 BT.

A juniper, 14 ins. diam., bears N. $17\frac{1}{2}^{\circ}$ W., 65 lks. dist., marked T36N R13W S9 BT.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, pinyon and juniper.

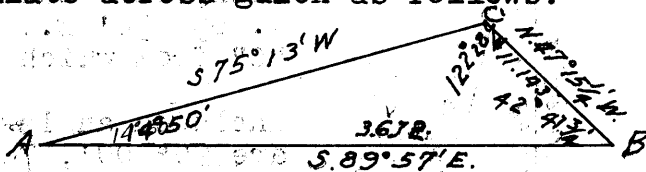
Undergrowth, sagebrush, cliff rose, oakbrush, and cacti.

Poor grass.

S. $89^{\circ} 57' E.$, on a random line, bet. secs. 10 and 15.

8.15 Triangulation point "A". Continue line and measurement by chaining.

15.70 Discontinue chaining at this point owing to cliffs ahead and triangulate across gulch as follows:



Designate 8.15 ch. station as point "A" and set flag "B" ahead on random line, the vertical angle to which is $+2\frac{1}{4}^{\circ}$.

From "B" chain a base N. $47^{\circ} 15\frac{1}{4}' W.$, 11.143 chs. to point "C" from which flag "A" bears S. $75^{\circ} 13' W.$

Included angles of triangle "A-B-C" are $14^{\circ} 50'$, $42^{\circ} 41\frac{1}{4}'$, and $122^{\circ} 28\frac{1}{4}'$, the sum of which is $180^{\circ} 00'$.

Chained dist. on random line to point "A"

= 8.15 chs. S. $89^{\circ} 57' E.$

Triang. dist. "A" to "B" = 36.74 chs. S. $89^{\circ} 57' E.$

Total dist. to "B" = 44.87 chs. S. $89^{\circ} 57' E.$

From triang. point "B" chain return measurement N. $89^{\circ} 57' W.$, 4.87 chs. to

40.00 Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement by chaining.

79.98 Intersect N. and S. line 3 lks. S. of the cor. of secs. 10, 11, 14, and 15.

Thence,

N. $89^{\circ} 58' W.$, on true line, bet. secs. 10 and 15.

Over rough mountainous land, thru scattering timber and undergrowth.

Asc. 264 ft. over rocky broken SE. slope to

8.20 Top of broken cliff (Grand Wash upper rim) 90 ft. high, faces E., brs. S. and NE., approx. 3 chs., thence N. Continue over SE. slope. Asc. 528 ft. to

Chains

34.20 Top of spur, slopes S. 20° E. Desc. 127 ft. over SW. slope to

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

$\frac{1}{4}$ S10
S15
1939

from which

A juniper, 10 ins. diam., bears N. 3 $\frac{3}{4}$ ° E., 43 lks. dist., marked $\frac{1}{4}$ S10 BT.

A juniper, 8 ins. diam., bears S. 49 $\frac{1}{2}$ ° E., 133 lks. dist., marked $\frac{1}{4}$ S15 BT.

Measurement by triangulation hereinbefore described.
Desc. 271 ft. over SW. slope to

54.00 (Approx.) Top of cliff (Grand Wash upper rim) 150 ft. high, faces SW., brs. SE. and NW., approx. 14 chs., thence SW. Desc. about 274 ft. over broken precipitous SW. slope to

59.50 (Approx.) Wash, 10 lks. wide, in gulch, course S. 10° E. Asc. about 297 ft. over broken precipitous E. slope to

64.28 Top of same cliff, brs. N. and S. Asc. 276 ft. over steep E. slope. Resume chaining and continue line and measurement.

71.83 Top of spur, slopes SE. Along S. slope. Desc. 45 ft. to

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

Land, rough mountainous.
Soil, rocky; 4th rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush, cliff rose, and cacti. Poor grass.

N. 0° 02' W., bet. secs. 9 and 10.

Over mountainous land, thru scattering timber and undergrowth:

Asc. 139 ft. over S. slope to

4.40 Top of spur, slopes S. 70° E. Along E. slope. Asc. 23 ft.

10.00 Slope changes to NE. Desc. 235 ft. to

18.20 Ravine, 10 lks. wide, course S. 70° E., heads approx. 20 chs. N. 70° W. Asc. 317 ft. over S. slope to

28.80 Top of spur, slopes E. Desc. 146 ft. over NE. slope to

39.70 Ravine, 5 lks. wide, heads approx. 20 chs. W., course SE. Asc. 12 ft. over S. slope to

40.00 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

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

1939

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

48.

Chains	
	from which.
	A juniper, 14 ins. diam., bears N. $36\frac{1}{2}^{\circ}$ E., 48 lks. dist., marked $\frac{1}{4}$ S10 BT.
	A juniper, 7 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ W., 25 lks. dist., marked $\frac{1}{4}$ S9 BT.
	Continue over S. slope. Asc. 130 ft. to
46.80	Top of spur, slopes E. Desc. 207 ft. over N. slope to
57.90	Ravine, 5 lks. wide, course N. 80° E. Asc. 177 ft. over SE. slope to
73.00	Top of flat spur, slopes E. Along top of spur. Asc. 5 ft.
76.00	Leave top of spur, slopes E. Desc. 27 ft. over NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for the cor. of secs. 3, 4, 9, and 10, with brass cap marked
	T36N R13W S4 S3 S9 S10 1939
	from which
	A juniper, 5 ins. diam., bears N. $37\frac{1}{4}^{\circ}$ E., 153 lks. dist., marked T36N R13W S3 BT.
	A juniper, 5 ins. diam., bears S. $42\frac{3}{4}^{\circ}$ E., 113 lks. dist., marked T36N R13W S10 BT.
	A juniper, 16 ins. diam., bears S. $10\frac{1}{4}^{\circ}$ W., 218 lks. dist., marked T36N R13W S9 BT.
	A juniper, 12 ins. diam., bears N. $78\frac{1}{4}^{\circ}$ W., 162 lks. dist., marked T36N R13W S4 BT.
	Land, mountainous. Soil, rocky; 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, and cacti. Fair grass.
	S. $89^{\circ} 58'$ E., on a random line, bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 3 lks. N. of the cor of secs. 2, 3, 10, and 11.
	Thence,
	N. $89^{\circ} 57'$ W., on true line, bet. secs. 3 and 10.
	Over mountainous and rolling land, thru scattering timber and undergrowth.
	Asc. 125 ft. over rolling SE. slope to
16.00	Top of spur, slopes NE. Along rolling N. slope. Asc. 11 ft.
30.40	Bend in ravine, from N. 30° W., to NE., bears N., approx. 2 chs. dist.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

49.

BOOK 4290

Chains	
35.00	Slope changes to NW. Desc. 29 ft. to
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S3}{S10}$ 1939
	from which
	A juniper, 16 ins. diam., bears N. 21° E., 242 lks. dist., marked $\frac{1}{4}$ S3 BT.
	A juniper, 10 ins. diam., bears S. 71 $\frac{1}{2}$ ° E., 48 lks. dist., marked $\frac{1}{4}$ S10 BT.
	Continue over gradual NW. slope. Desc. 10 ft. to
42.55	Same ravine, 5 lks. wide, course N. 60° E. Asc. 19 ft. over SE. slope to
44.00	Slope changes to SW. Desc. 4 ft. to
46.10	Same ravine, course S. 70° E. Asc. 29 ft. over NE. slope.
51.00	Slope changes to NW. Desc. 3 ft. to
53.00	Same ravine, course N. 80° E. Asc. 68 ft. over SE. slope.
63.00	Top of short spur, slopes S., approx. 3 chs. Desc. 5 ft. over SW. slope to
66.60	Same ravine; heads approx. 15 chs. N. 30° W., course SE. Asc. 158 ft. over NE. slope to
80.02	The cor. of secs. 3, 4, 9, and 10.
	Land, mountainous and rolling. Soil, rocky clay and limestone; 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, and cacti. Fair grass.
	N. 0° 02' W., bet. secs. 3 and 4.
	Over mountainous and rolling land, thru moderate timber and scattering undergrowth.
	Along E. slope to
5.00	Slope changes to SE. Asc. 99 ft. to
16.50	Top of ridge, brs. NE. and S. 30° W. Desc. 17 ft. over N. slope to
21.30	Head of ravine, course N. 20° E. Along E. slope. Desc. 7 ft. to
28.00	Slope changes to NE. Desc. 76 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S4 S3 1939

Survey: Subdivision Lines: T. 36 N., R. 13 W.

50.

Chains	from which
	A juniper, 7 ins. diam., bears N. $39\frac{1}{2}^{\circ}$ E., 32 lks. dist., marked $\frac{1}{4}$ S3 BT.
	A juniper, 7 ins. diam., bears N. $38\frac{1}{2}^{\circ}$ W., 77 lks. dist., marked $\frac{1}{4}$ S4 BT.
	Continue over NE. slope. Desc. 9 ft. to
40.90	Same ravine, course NW. Asc. 44 ft. over SW. slope to
48.90	Top of ridge, brs. SE. and NW. Dim road, brs. SE. and NW. Desc. 76 ft. over NE. slope to
62.85	Drain, course NE. Asc. 41 ft. over rolling SE. slope to
84.00	Top of ridge, brs. S. 10° W. and N. 10° W. Along E. slope.
84.29	Intersect the Ninth Standard Parallel North.
	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 closing cor. of secs. 3 and 4, with brass cap marked
	T37N R13W S34 S4 S3 T36N R13W CC 1939
	from which
	A juniper, 4 ins. diam., bears S. $37\frac{1}{4}^{\circ}$ E., 84 lks. dist., marked T36N R13W S3 CC BT.
	A juniper, 4 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ W., 89 lks. dist., marked T36N R13W S4 CC BT.
	The standard cor. of secs. 33 and 34, T. 37 N., R. 13 W., bears West, 24.69 chs. dist., and the standard $\frac{1}{4}$ sec. cor. of sec. 34 bears East, 15.31 chs. dist., iron posts marked, and witnessed as described in the official record.
	Land, mountainous and rolling. Soil, rocky clay and limestone; 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, and cacti. Fair grass.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record,
	N. $0^{\circ} 03'$ W., bet. secs. 32 and 33.
	Over rough mountainous land, thru moderate timber and undergrowth.
	Asc. 322 ft. over SE. slope to
14.30	Top of short spur, slopes E. Desc. 140 ft. over NE. slope.
19.70	Small canyon, course S. 60° E. Asc. 312 ft. over S. slope.
31.50	Top of spur, slopes E. Desc. 170 ft. over N. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

51.

Chains

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

S32|S33

1939

from which

A juniper, 6 ins. diam., bears S. $49\frac{1}{2}^\circ$ E., 19 lks. dist., marked $\frac{1}{4}$ S33 BT.

A pinyon, 8 ins. diam., bears S. 60° W., 24 lks. dist., marked $\frac{1}{4}$ S32 BT.

Continue over N. slope. Desc. 53 ft. to

42.33 Traverse point "A". Discontinue chaining on true line, owing to cliffs ahead, and traverse around cliffs and head of canyon as follows:

Designate 42.33 chs. station as point "A". Set flag "B" ahead on true line.

From "A" chain N. $26^\circ 30'$ W., 7.15 chs. dist.

Thence,

N. $30^\circ 15'$ E., 6.31 chs. to point "B".

Chained dist. on line to "A" = 42.33 chs. N. $0^\circ 03'$ W.

Computed dist. "A" to "B" = 11.85 chs. N. $0^\circ 03'$ W.

Total dist. to "B" = 54.18 chs. N. $0^\circ 03'$ W.

From 42.33 chs station descend gradually over N. slope to

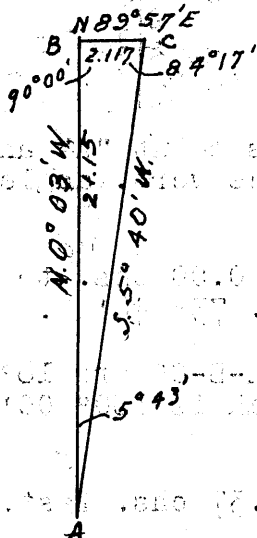
45.00 (Approx.) Top of broken cliff (Grand Wash upper rim) 60 ft. high, faces N., brs. E. and W. Desc. about 175 ft. over rocky precipitous N. slope to

48.00 (Approx.) Bottom of canyon, course NE. Asc. about 155 ft. over rocky precipitous SE. slope to

51.00 (Approx.) Top of same broken cliff, 60 ft. high, faces SE., brs. NE. and SW. Asc. gradually over SE. slope to

54.18 Point "B". Resume chaining on true line and continue line and measurement. Asc. 20 ft. over SE. slope to

58.30 Top of short spur, slopes E. Triangulation point "A". Discontinue chaining at this point, owing to cliff ahead, and triangulate across canyon as follows:



Designate 58.30 ch. station as point "A" and set flag "B" ahead on line.

From "B" chain a base, the mean of two measurements, N. $89^\circ 57'$ E., 2.117 chs. to point "C", from which flag "A" bears S. $5^\circ 40'$ W.

Included angles of triangle "A-B-C" are $5^\circ 43'$, $90^\circ 00'$, and $84^\circ 17'$, the sum of which is $180^\circ 00'$.

Chained and computed dist.

on line to point "A" = 58.30 chs. N. $0^\circ 03'$ W.

Triang. dist. "A" to "B" = 21.15 chs. N. $0^\circ 03'$ W.

Total dist. to "B" = 79.45 chs. N. $0^\circ 03'$ W.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

52.

Chains

- From 58.30 ch. station desc. slightly over N. slope to
- 59.50 (Approx.) Top of same cliff, 200 ft. high, faces N., brs. E. and W. Desc. about 400 ft. over rocky precipitous N. slope to
- 67.00 (Approx.) Bottom of canyon, course N. 80° E. Asc. about 400 ft. over steep rocky, broken S. slope to
- 75.00 (Approx.) Top of same cliff, 200 ft. high, faces S., brs. N. 70° E. and S. 70° W. Asc. about 150 ft. over S. slope to
- 79.45 Triang. point "B". Resume chaining and continue line and measurement. Asc. 16 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 the cor. of secs. 28, 29, 32, and 33, with brass cap marked

T36N R13W
 S29|S28
 S32|S33
 1939

from which

A pinyon, 8 ins. diam., bears N. 45 $\frac{3}{4}$ ° E., 103 lks. dist., marked T36N R13W S28 BT.

A pinyon, 10 ins. diam., bears S. 81° E., 82 lks. dist., marked T36N R13W S33 BT.

A juniper, 6 ins. diam., bears S. 34° W., 136 lks. dist., marked T36N R13W S32 BT.

A pinyon, 12 ins. diam., bears N. 8 $\frac{3}{4}$ ° W., 93 lks. dist., marked T36N R13W S29 BT.

Land, rough mountainous.

Soil, rocky; 4th rate.

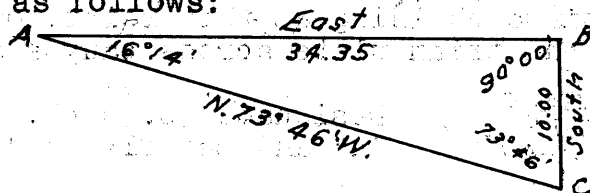
Timber, juniper and pinyon.

Undergrowth, sagebrush, cliff rose, thorny locust, oakbrush, and cacti. Poor grass.

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

10.37

Triangulation point "A". Discontinue chaining at this point, owing to cliffs ahead, and triangulate across canyon as follows:



Designate 10.37 ch. station as point "A" and set flag "B" ahead on random line, the vert. angle to which is -4°.

From "B" chain a base South, 10.00 chs. to point "C" from which flag "A" bears N. 73° 46' W.

Included angles of triangle "A-B-C" are 16° 14', 90° 00', and 73° 46', the sum of which is 180° 00'.

Chained dist on random line

to point "A" = 10.37 chs. East.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK

53.

Chains	
	<p>Triangulated dist. "A" to "B" = <u>34.35</u> chs. East.</p> <p>Total dist. to "B" = <u>44.72</u> chs. East.</p> <p>True point for $\frac{1}{4}$ sec. cor. is inaccessible, establish temp. witness cor. to $\frac{1}{4}$ sec. cor. as follows:</p>
44.72	<p>Triangulation point "B". Set temp. witness cor. to $\frac{1}{4}$ sec. cor. Resume chaining and continue line and measurement.</p>
80.02	<p>Intersect N. and S. line 9 lks. S. of the cor. of secs. 27, 28, 33, and 34.</p> <p>Thence,</p> <p>S. 89° 56' W., on true line, bet. secs. 28 and 33.</p> <p>Over rough mountainous land, thru moderate timber and undergrowth.</p> <p>Desc. 60 ft. over NW. slope to</p>
4.70	<p>Last Chance Canyon Wash, 20 lks. wide, course NE. Enter scattering timber and undergrowth, brs. NE. and SW. Asc. 813 ft. over steep rocky SE. slope.</p>
5.55	<p>Dim road, brs. N. 50° E. and S. 36° W.</p>
34.50	<p>Top of broken rim (Grand Wash upper rim) faces E., brs. N. 20° E. and S. Asc. slightly over SE. slope to</p>
35.00	<p>Top of high sharp spur, slopes N. 20° E. Desc. gradually over W. slope to</p>
35.30	<p>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 witness $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;"> $\begin{array}{r} \text{S28} \\ \text{WC} \frac{1}{4} \text{---} \\ \text{S33} \\ 1939 \end{array}$ </p> <p style="text-align: right;">from which</p> <p>A pinyon, 12 ins. diam., bears N. 60° E., 54 lks. dist., marked WC $\frac{1}{4}$ S28 BT.</p> <p>A pinyon, 10 ins. diam., bears S. 51$\frac{1}{2}$° E., 38 lks. dist., marked WC $\frac{1}{4}$ S33 BT.</p> <p>Grapevine Spring bears N. 58$\frac{1}{2}$° W., 31.04 chs. dist.</p> <p>End of chaining at this point. Measurement by triangulation hereinbefore described. Desc. gradually over W. slope to</p>
35.60	<p>Top of same broken rim, faces W., brs. N. 20° E. and S. 20° W. Desc. about 700 ft. over rocky broken W. slope over cliffs to</p>
40.01	<p>The true point for $\frac{1}{4}$ sec. cor. falls on precipitous slope.</p>
56.00	<p>(Approx.) Bottom of canyon, course NE. Asc. about 790 ft. over rocky precipitous SE. slope to</p>
67.00	<p>Top of same rim, 200 ft. high, faces SE., brs. NE. and SW. Asc. about 70 ft. over SE. slope to</p>
69.65	<p>Resume chaining and continue line and measurement. Asc. 57 ft. over SE. slope to</p>
72.00	<p>Slope changes to S. Along S. slope. Enter moderate timber and undergrowth, brs. N. and S.</p>

Survey: Subdivision Lines: T. 36 N., R. 13 W.

54.

Chains
80.02

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

Land, rough mountainous.
Soil, rocky and rocky clay; 4th rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush, cliff rose, thorny locust, oak-brush, and manzanita. Poor grass.

N. 0° 03' W., bet. secs. 28 and 29.

Over rough mountainous land, thru moderate timber and undergrowth.

Asc. 80 ft. over S. slope to

4.00 Top of short spur, slopes E. Desc. 160 ft. over NE. slope to

30.00 Slope changes to E. Asc. gradually to

32.00 Top of spur, slopes NE. Desc. 190 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 1/4 sec. cor., with brass cap marked

1/4
S29|S28

1939

from which

A juniper, 4 ins. diam., bears N. 70° E., 18 lks. dist., marked 1/4 S28 BT.

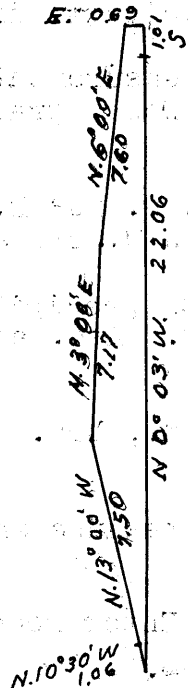
A juniper, 5 ins. diam., bears S. 69 1/4° W., 60 lks. dist., marked 1/4 S29 BT.

Continue over NW. slope. Desc. 50 ft. to

42.50 Gulch, course NE. Asc. 107 ft. over SE. slope to

56.00 Top of short spur, slopes E. Desc. 20 ft. over NE. slope to

57.94 Top of broken rim (Grand Wash Upper rim) faces NE., brs. SE. and N. 10° W. Discontinue chaining on line, owing to cliffs and slide rock, and traverse as follows:



Begin traverse at 57.94 ch. station.

Thence,

N. 10° 30' W., 1.06 chs. dist.

Thence,

N. 13° 00' W., 7.50 chs. dist.

Thence,

N. 3° 00' E., 7.17 chs. dist.

Thence,

N. 6° 00' E., 7.60 chs. dist., thence,

East, 0.69 chs. dist., thence,

Survey: Subdivision Lines: T. 36 N., R. 13 W.

55.

BOOK 4290

Chains	<p>South, 1.01 chs. to the completion of traverse at the cor. of secs. 20, 21, 28, and 29.</p> <p>Chained dist. on line = 57.94 chs. N.0°03'W. Computed dist. beginning to end of traverse = 22.06 chs. N.0°03'W. Total dist. = 80.00 chs. N.0°03'W.</p> <p>From 57.94 ch. station descend about 120 ft. over rocky broken NE. slope to</p> <p>66.30 End of cliff, 30 ft. high, facing E., bearing N., brs. W., approx. 1.70 chs. dist. Along steep rocky E. slope.</p> <p>73.00 Base of same cliff (Approx.) bears E. and W. Asc. about 35 ft. over precipitous S. slope to</p> <p>73.50 (Approx.) Top of same cliff, brs. W. and E., approx. 2 chs. Along steep rocky E. slope below top of main rim. Desc. 170 ft. to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for the cor. of secs. 20, 21, 28, and 29, with brass cap marked</p> <div style="text-align: center;"> <p>T36N R13W</p> <table border="1"> <tr> <td>S20</td> <td>S21</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> </table> <p>1939</p> </div> <p style="text-align: right;">from which</p> <p>A pinyon, 5 ins. diam., bears N. 5$\frac{3}{4}$° E., 116 lks. dist., marked T36N R13W S21 BT.</p> <p>A pinyon, 14 ins. diam., bears S. 29$\frac{3}{4}$° E., 105 lks. dist., marked T36N R13W S28 BT.</p> <p>A pinyon, 10 ins. diam., bears S. 75$\frac{3}{4}$° W., 91 lks. dist., marked T36N R13W S29 BT.</p> <p>A pinyon, 10 ins. diam., bears N. 67$\frac{3}{4}$° W., 63 lks. dist., marked T36N R13W S20 BT.</p> <p>Land, rough mountainous Soil, rocky clay and rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, manzanita, thorny locust, and oakbrush. Poor grass.</p> <hr/> <p>N. 89° 56' E., on a random line, bet. secs. 21 and 28.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.98 Intersect the cor. of secs. 21, 22, 27, and 28.</p> <p>Thence,</p> <p>S. 89° 56' W., on true line, bet. secs. 21 and 28.</p> <p>Over mountainous land, thru scattering timber and undergrowth.</p> <p>Desc. 80 ft. over SW. slope to</p> <p>3.00 Slope changes to W. Desc. 224 ft.</p> <p>14.70 Dim road, brs. S. 29° E. and N. 53° W.</p>	S20	S21	S29	S28
S20	S21				
S29	S28				

Survey: Subdivision Lines: T. 36 N., R. 13 W.

56.

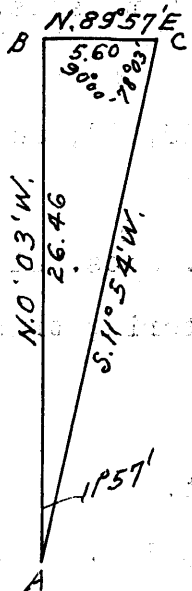
Chains	
16.00	Last Chance Canyon Wash, 40 lks. wide, course N. 30° W. Enter moderate timber, brs. SE. and NW. Asc. 127 ft. over NE. slope to
28.00	Top of short spur, slopes N. Desc. 123 ft. over NW. slope.
38.10	Gulch, course N. 20° E. Asc. 40 ft. over NE. slope to
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S21}{\frac{1}{4} S28}$ 1939
	from which
	A pinyon, 6 ins. diam., bears N. 1° E., 58 lks. dist., marked $\frac{1}{4}$ S21 BT.
	A pinyon, 10 ins. diam., bears S. 15° W., 49 lks. dist., marked $\frac{1}{4}$ S28 BT.
	Continue over NE. slope. Asc. 135 ft. to
54.00	Hillside gully, course NE. Asc. 773 ft. over steep, rocky, broken E. slope to
79.98	The cor. of secs. 20, 21, 28, and 29.
	Land, mountainous. Soil, rocky clay; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, manzanita, oakbrush, thorny locust, and cacti. Poor grass.

N. 0° 03' W., bet. secs. 20 and 21.

Over rough mountainous land, thru moderate timber and undergrowth.

Along steep rocky E. slope. Desc. 21 ft. to

- 7.00 Top of spur, slopes sharply NE. Point of broken Rim (Grand Wash upper rim) facing E. and NW., bearing S. and S. 30° W., brs. W., approx. 1 ch. dist. Desc. slightly over N. slope to
- 7.05 Triangulation point "A". Discontinue chaining at this point, owing to precipitous slope ahead, and triangulate as follows:



Designate 7.05 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is -25°.

From "B" chain a base N. 89° 57' E., 5.60 chs. and set flag "C", from which "A" bears S. 11° 54' W.

Included angles of the triangle "A-B-C" are 11° 57', 90° 00', and 78° 03', the sum of which is 180° 00'.

Chained dist. to point "A"	= 7.05 chs. N. 0° 03' W.
Triang. dist. "A" to "B"	= <u>26.46</u> chs. N. 0° 03' W.
Total dist. to "B"	= <u>33.51</u> chs. N. 0° 03' W.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

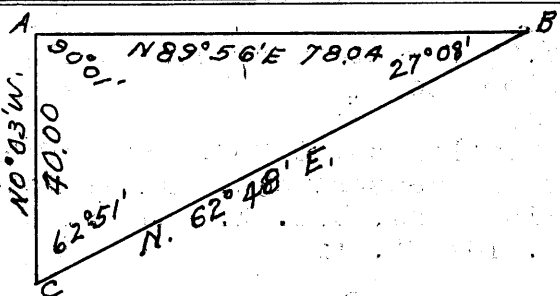
57.

Chains	
	From 7.05 ch. station descend 814 ft. over precipitous N. slope to
33.51	Triangulation point "B". Resume chaining and continue line and measurement. Enter mountainous and heavy rolling land, brs. E. and W. Continue over N. slope. Desc. 107 ft. 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
	$\frac{1}{4}$ S20 S21 1939
	from which
	A pinyon 8 ins. diam., bears N. $38\frac{3}{4}^{\circ}$ E., 100 lks. dist., marked $\frac{1}{4}$ S21 BT.
	A pinyon 10 ins. diam., bears N. $81\frac{1}{2}^{\circ}$ W., 25 lks. dist., marked $\frac{1}{4}$ S20 BT.
	Desc. 50 ft. over NW. slope to
45.00	Gully, from SW., course N. Desc. 100 ft. down gully.
55.00	Leave gully, course NW., from S. Along W. slope. Desc. 43 ft. to
67.80	Slope changes to NW. Desc. 143 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, for the cor. of secs. 16, 17, 20, and 21, with brass cap marked
	T36N R13W S17 S16 S20 S21 1939
	from which
	A juniper, 10 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ E., 26 lks. dist., marked T36N R13W S16 BT.
	A pinyon, 8 ins. diam., bears S. 42° E., 32 lks. dist., marked T36N R13W S21 BT.
	A pinyon, 8 ins. diam., bears S. 74° W., 110 lks. dist., marked T36N R13W S20 BT.
	A pinyon, 5 ins. diam., bears N. 62° W., 104 lks. dist., marked T36N R13W S17 BT.
	Land, rough mountainous to heavy rolling. Soil, rocky clay and red sandstone; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, manzanita, oakbrush, and cacti. Poor grass.
40.00	N. $89^{\circ} 56'$ E., on a random line, bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor. Discontinue chaining at this point, owing to precipitous ascent and cliff ahead, and triangulate as follows:

Survey: Subdivision Lines: T. 36 N., R. 13 W.

58.

Chains



Designate the cor. of secs. 16, 17, 20, and 21 as point "A" and set flag "B" ahead on random line, the vertical angle to which is $+24^\circ$ from temp. $\frac{1}{4}$ sec. cor.

Designate the $\frac{1}{4}$ sec. cor. of secs. 20 and 21 as point "C" from which flag "B" bears N. $62^\circ 48'$ E.

Included angles of triangle "A-B-C" are $90^\circ 01'$, $27^\circ 08'$, and $62^\circ 51'$, the sum of which is $180^\circ 00'$.

Triangulated dist. "A" to "B" = 78.04 chs. N. $89^\circ 56'$ E.

- 78.04 Triangulation point "B". Resume chaining and continue line and measurement.
- 79.96 Intersect N. and S. line 9 lks. N. of the cor. of secs. 15, 16, 21, and 22.
- Thence,
- West, on true line, bet. secs. 16 and 21.
- Over rough mountainous land, thru scattering timber and undergrowth.
- Desc. 32 ft. over W. slope to
- 1.92 Discontinue chaining at this point. Measurement by triangulation hereinbefore described. Desc. about 20 ft. over steep, rocky W. slope to
- 2.50 (Approx.) Top of cliff (Grand Wash upper rim) 175 ft. high, faces W., brs. N. and S. Desc. about 1093 ft. over rocky broken SW. slope to
- 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S16
 $\frac{1}{4}$ S21
 1939

from which

A juniper, 6 ins. diam., bears S. 82° W., 63 lks. dist., marked $\frac{1}{4}$ S21 BT.

A pinyon, 10 ins. diam., bears N. 66° W., 32 lks. dist., marked $\frac{1}{4}$ S16 BT.

Enter moderate timber and undergrowth, brs. N. and S. Continue line and measurement by chaining. Desc. 201 ft. over broken SW. slope. Enter rolling and mountainous land, brs. SE. and NW.

- 63.30 Last Chance Canyon Wash, 40 lks. wide, course N. 20° W. Asc. 27 ft. over NE. slope.
- 67.10 Dim road, brs. S. 3° E. and N. 14° E.
- 78.90 Top of spur, slopes N. Desc. 17 ft. over NW. slope to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 59.

Chains
79.96

The cor. of secs. 16, 17, 20, and 21.

Land, rough mountainous to rolling.
Soil, rocky; 4th rate.
Timber, pinyon and juniper.
Undergrowth, sagebrush, cliff rose, manzanita, oakbrush,
and cacti. Poor to fair grass.

N. 0° 03' W., bet. secs. 16 and 17.

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

Desc. 55 ft. over NW. slope to

5.70 Gully, course N. 30° E. Along broken E. slope. Desc. 25 ft.

11.50 Trail, brs. NE. and SW.

13.60 Gully, course NE. Asc. 85 ft. over SE. slope to

37.70 Top of short spur, slopes E. Desc. 39 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in
the ground to solid rock, and in a mound of stone to top,
for ¼ sec. cor., with brass cap marked.

S17|S16

1939

from which

A pinyon, 10 ins. diam., bears S. 13° E., 73 lks.
dist., marked ¼ S16 BT.

A pinyon, 5 ins. diam., bears S. 84½° W., 46 lks.
dist., marked ¼ S17 BT.

Continue over NE. slope. Desc. 98 ft. to

44.60 Hidden Canyon Wash, 150 lks. wide, course N. 70° W. Asc.
362 ft. over broken SW. slope.

47.40 Dim road, brs. S. 76° E. and N. 76° W. Leaves moderate
and enter scattering timber, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground over cross (+) on bedrock, and in a mound of
stone to top, for the cor. of secs. 8, 9, 16, and 17,
with brass cap marked

T36N R13W

S8|S9

S17|S16

1939

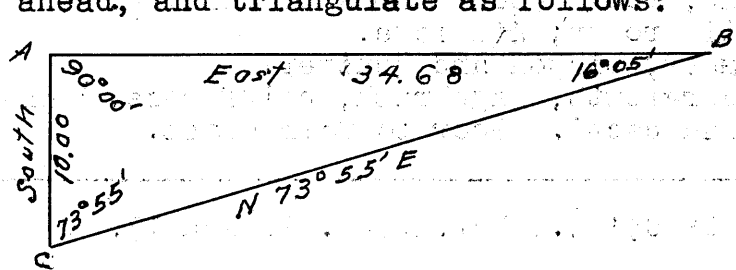
No bearing trees available.

Land, rolling and mountainous.
Soil, rocky clay; 4th rate.
Timber, juniper and pinyon. Few joshua trees.
Undergrowth, sagebrush, cliff rose, oakbrush, manzanita,
and cacti. Fair grass.

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

Survey: Subdivision Lines: T. 36 N., R. 13 W.

60.

Chains 40.00	<p>Set temp. $\frac{1}{4}$ sec. cor. Triangulation point "A". Discontinue chaining at this point, owing to precipitous ascent and cliff ahead, and triangulate as follows:</p>  <p>Designate 40.00 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is $+25^\circ$.</p> <p>From "A" chain a base South, 10.00 chs. and set flag "C" from which "B" bears N. $73^\circ 55'$ E.</p> <p>Included angles of triangle "A-B-C" are $90^\circ 00'$, $16^\circ 05'$, and $73^\circ 55'$, the sum of which is $180^\circ 00'$.</p> <p>Chained dist. on random line to point "A" = 40.00 chs. Triangulated dist. "A" to "B" = 34.68 chs. Total dist. to "B" = 74.68 chs.</p>
74.68	Triangulation point "B". Resume chaining and continue line and measurement.
80.08	Intersect N. and S. line 9 lks. N. of the cor. of secs. 9, 10, 15, and 16.
	Thence, N. $89^\circ 56'$ W., on true line, bet. secs. 9 and 16. Over rough mountainous land, thru scattering timber and undergrowth. Along rocky S. slope. Asc. 47 ft. over slide rock and large boulders to
5.40	Discontinue chaining at this point. Measurement by triangulation hereinbefore described. Desc. about 350 ft. over steep rocky SW. slope to
15.00	(Approx.) Top of cliff (Grand Wash Upper Rim) 190 ft. high, faces W., brs. N. and S. Desc. about 717 ft. over rocky, broken W. and SW. slopes to
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground over a cross (+) on bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S9 \\ + \\ \hline S16 \\ 1939 \end{array}$
	No bearing trees available. Continue line and measurement by chaining. Along broken S. slope. Desc. 36 ft. to
67.90	Gully, course S. 20° W. Asc. 135 ft. over SE. slope to
76.30	Top of short spur, slopes S. Desc. 147 ft. over SW. slope.
80.08	The cor. of secs. 8, 9, 16, and 17.
	Land, rough mountainous and mountainous. Soil, rocky; 4th rate.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 420 61.

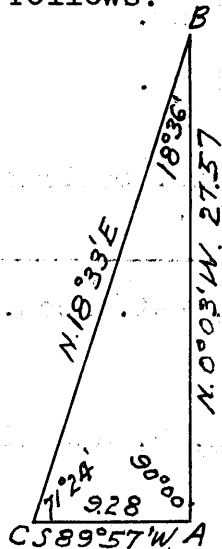
Chains

Timber, pinyon and juniper. Scattering Joshua trees. Undergrowth, sagebrush, cliff rose, manzanita, and cacti. Poor to fair grass.

N. 0° 03' W., bet. secs. 8 and 9.

Over rough mountainous land, thru scattering timber and undergrowth.

Owing to precipitous slope and cliff ahead, triangulate as follows:



Designate the cor. of secs. 8, 9, 16, and 17 as point "A" and set flag "B" ahead on line, the vertical angle to which is +29°.

From "A" chain a base S. 89° 57' W., 9.28 chs. and set point "C", from which "B" bears N. 18° 33' E.

Included angles of the triangle "A-B-C" are 90° 00', 18° 36', and 71° 24', the sum of which is 180° 00'.

Triang. dist. ✓
"A" to "B" = 27.57 chs. N. 0° 03' W.

From the cor. of secs. 8, 9, 16, and 17 ascend 1008 ft. over rocky, broken SW. and S. slopes to

27.57 Triang. point "B". Top of cliff (Grand Wash upper rim) 150 ft. high, faces S., brs. E. and W. Enter mountainous and rolling land, brs. E. and W. Continue line and measurement by chaining. Asc. 53 ft. over SE. slope to

35.20 Top of spur, slopes N. 60° E. Desc. 38 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4
S8|S9

1939 from which

A pinyon, 3 ins. diam., bears N. 62 1/2° E., 50 lks. dist., marked BT only.

A juniper, 5 ins. diam., bears N. 74 1/2° W., 237 lks. dist., marked 1/4 S8 BT.

Continue over N. slope. Desc. 184 ft. to

46.40 Gulch, course E. Asc. 203 ft. over S. slope to

56.00 Top of ridge, brs. E. and NW. Enter moderate timber, brs. E. and NW. Desc. 35 ft. over rolling NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for the cor. of secs. 4, 5, 8, and 9, with brass cap marked

T36N. R13W
S5|S4
S8|S9
1939

Survey: Subdivision Lines: T. 36 N., R. 13 W.

52.

Chains	from which
	A juniper, 6 ins. diam., bears N. $68\frac{1}{4}^{\circ}$ E., 35 lks. dist., marked T36N R13W S4 BT.
	A juniper, 10 ins. diam., bears S. 9° E., 158 lks. dist., marked T36N R13W S9 BT.
	A juniper, 6 ins. diam., bears S. 56° W., 75 lks. dist., marked T36N R13W S8 BT.
	A juniper, 12 ins. diam., bears N. 64° W., 81 lks. dist., marked T36N R13W S5 BT.
	Land, rough mountainous and rolling. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, manzanita, and cacti. Poor and fair grass.
	S. $89^{\circ} 56'$ E., on a random line, bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect the cor. of secs. 3, 4, 9, and 10.
	Thence,
	N. $89^{\circ} 56'$ W., on true line, bet. secs. 4 and 9.
	Over rolling and mountainous land, thru moderate timber and dense undergrowth.
	Asc. 106 ft. over E. slope to
5.50	Top of ridge, brs. NE. and SW. Desc. gradually over NW. slope to
11.00	Slope changes to rolling NE. slope. Asc. 95 ft. to
37.40	Top of spur, slopes N. Desc. 28 ft. over NW. slope to
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 25 ins. in the ground, and in a small mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{\frac{1}{4} S4}{S9}$ 1939
	from which
	A juniper, 10 ins. diam., bears N. $63\frac{1}{2}^{\circ}$ E., 96 lks. dist., marked $\frac{1}{4}$ S4 BT.
	A juniper, 6 ins. diam., bears S. 33° E., 69 lks. dist., marked $\frac{1}{4}$ S9 BT.
	Continue over NW. slope. Desc. 10 ft. to
41.60	Head of draw, course N. Asc. 36 ft. over NE. slope to
44.10	Top of spur, slopes N. Desc. 215 ft. over NW. slope to
71.00	Gulch, course N. 20° E. Asc. 86 ft. over NE. slope to
80.08	The cor. of secs. 4, 5, 8, and 9.
	Land, rolling and mountainous.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 - 4063.

Chains

Soil, rocky clay; 4th rate.
 Timber, juniper and pinyon.
 Undergrowth, sagebrush, cliff rose, oakbrush, manzanita,
 and cacti. Fair grass.

N. 0° 03' W., bet. secs. 4 and 5.
 Over rolling and mountainous land, thru moderate timber
 and dense undergrowth.

Along E. slope to

- 1.80 Top of spur, slopes NE. Desc. 101 ft. over NW. slope to
- 11.40 Gulch, course NE. Asc. 63 ft. over SE. slope to
- 25.20 Top of short spur, slopes E. Desc. 46 ft. over N. slope.
- 29.70 Head of draw, course N. 60° E. Asc. 41 ft. over SE.
 slope to
- 39.00 Top of ridge, brs. N. 60° E. and S. 60° W. Desc. gradually
 over N. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to solid rock, and in a mound of stone to
 top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S5|S4

1939

from which

A juniper, 6 ins. diam., bears N. 75 $\frac{1}{4}$ ° E., 14 lks.
 dist., marked $\frac{1}{4}$ S4 BT.

A juniper, 8 ins. diam., bears N. 83 $\frac{1}{4}$ ° W., 114 lks.
 dist., marked $\frac{1}{4}$ S5 BT.

Continue over N. slope. Desc. 50 ft. to

- 45.40 Gulch, course NE. Asc. 127 ft. over SE. slope to
- 64.50 Top of spur, slopes NE. Desc. 169 ft. over NW. slope to
- 84.18 Intersect the Ninth Standard Parallel North.

Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in
 the ground to solid rock, and in a mound of stone to
 top, for closing cor. of secs. 4 and 5, with brass cap
 marked

T37N R13W

S33

S5|S4

T36N R13W

CC

1939

from which

A cliff rose, 4 ins. diam., bears S. 69° E., 83 lks.
 dist., marked CC BT only.

A juniper, 8 ins. diam., bears S. 85 $\frac{3}{4}$ ° W., 127 lks.
 dist., marked T36N R13W S5 CC BT.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

64.

Chains	
	The standard cor. of secs. 32 and 33, T. 37 N., R. 13 W., bears West, 24.68 chs. dist., and the standard $\frac{1}{4}$ sec. cor. of sec. 33 bears East, 15.32 chs. dist., iron posts, marked, and witnessed as described in the official record.
	Land, mountainous and rolling. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, oakbrush, and cacti. Fair grass.
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the official record, N. 0° 03' W., bet. secs. 31 and 32. Over mountainous land, thru scattering timber and dense undergrowth. Asc. 56 ft. over SE. slope to
12.90	Top of short spur, slopes E., approx. 5 chs. Desc. 87 ft. over NE. slope to
19.00	Ravine, 10 lks. wide, course E., approx. 8 chs. to main draw, from S. 70° W. Enter moderate timber, brs. E. and W. Asc. 165 ft. over SE. slope to
28.40	Top of ridge, brs. N. 60° E. and S. 60° W. Desc. 161 ft. over N. slope to
36.50	Ravine, 20 lks. wide, course N. 70° E. Asc. 95 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S31 S32 1939 from which
	A juniper, 10 ins. diam., bears N. 52° E., 70 lks. dist., marked $\frac{1}{4}$ S32 BT.
	A juniper, 12 ins. diam., bears N. 86 $\frac{1}{4}$ ° W., 54 lks. dist., marked $\frac{1}{4}$ S31 BT.
	Continue over SE. slope. Asc. 65 ft. to
44.50	Top of spur, slopes E., approx. 4 chs., thence NE. Desc. 210 ft. over NE. slope to
58.40	Ravine, 5 lks. wide, course N. 80° E., approx. 2 chs. to ravine, from S. 20° E. to NE. Asc. 136 ft. over SE. slope to
71.70	Top of spur, slopes NE. Desc. 176 ft. over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, and in a small mound of stone to top, for the cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 65.

Chains

T36N R13W
 S30 | S29
 S31 | S32
 1939

from which

A pinyon, 6 ins. diam., bears N. 50° E.; 42 lks. dist., marked T36N R13W S29 BT.

A juniper, 6 ins. diam., bears S. 66½° E., 10 lks. dist., marked T36N R13W S32 BT.

A juniper, 5 ins. diam., bears S. 11½° W., 26 lks. dist., marked T36N R13W S31 BT.

A juniper, 10 ins. diam., bears N. 45¼° W., 77 lks. dist., marked T36N R13W S30 BT.

Land, mountainous.

Soil, rocky clay and limestone; 3rd and 4th rates.

Timber, pinyon and juniper.

Undergrowth, sagebrush, oakbrush, manzanita, cliff rose, blackbrush, and cacti. Fair grass.

East, on a random line, bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line 11 lks. N. of the cor. of secs. 28, 29, 32, and 33.

Thence,

N. 89° 55' W., on true line, bet. secs. 29 and 32.

Over mountainous land, thru moderate timber and undergrowth.

Along S. slope to

4.00 Slope changes to SE. Asc. 119 ft. to

18.00 Top of short spur, slopes S. Desc. 92 ft. over SW. slope.

25.00 Head of draw, course S. Asc. 109 ft. over SE. slope to

32.50 Top of ridge, brs. NE. and SW. Desc. 181 ft. over W. slope to

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a small mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ S29
 S32
 1939

from which

A pinyon, 6 ins. diam., bears S. 23¼° W., 32 lks. dist., marked ¼ S32 BT.

A pinyon, 8 ins. diam., bears N. 2½° W., 35 lks. dist., marked ¼ S29 BT.

Continue over W. slope. Desc. 7 ft. to

40.40 Short ravine, course N. 30° W. Asc. 21 ft. over NE. slope.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

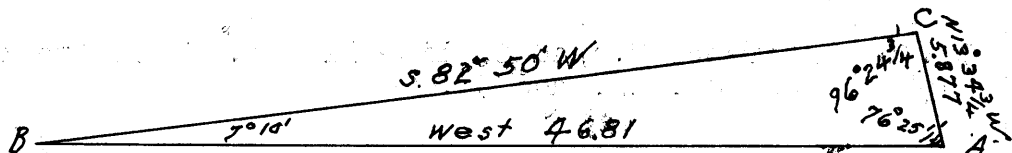
66.

Chains	Description
42.40	Top of spur, slopes N. 30° W. Desc. 120 ft. over W. slope.
47.90	Ravine, 10 lks. wide, course N. Asc. 276 ft. over E. slope to
59.70	Top of spurs, sloping N. 30° E. and N. 30° W., from S. 30° W. Desc. 228 ft. over W. slope to
70.50	Ravine, 20 lks. wide, course N. 10° W. Asc. 114 ft. over NE. slope to
76.80	Top of spur, slopes N. 20° E. Desc. 36 ft. over NW. slope.
79.96	The cor. of secs. 29, 30, 31, and 32.

Land, mountainous.
Soil, rocky clay; 3rd and 4th rates.
Timber, juniper and pinyon.
Undergrowth, sagebrush, cliff rose, oakbrush, manzanita, and cacti. Fair grass.

West, on a random line, bet. secs. 30 and 31.

30.64 Set temp. witness cor. to $\frac{1}{4}$ sec. cor. Discontinue chaining at this point, owing to cliff ahead, and triangulate as follows:



Designate 30.56 ch. station as point "A" and set flag "B" ahead on line at intersection with W. bdy. of Tp. 14 lks. S. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described. The vertical angle to point "B" is $-19^{\circ} 20'$.

From "A" chain a base N. $13^{\circ} 34\frac{3}{4}'$ W., 5.877 chs. to point "C" from which flag "B" bears S. $82^{\circ} 50'$ W.

Included angles of triangle "A-B-C" are $76^{\circ} 25\frac{1}{4}'$, $7^{\circ} 10'$, $96^{\circ} 24\frac{3}{4}'$, the sum of which is $180^{\circ} 00'$.

Chained dist. on random line to point "A" = 30.56 chs.
Triangulated dist. "A" to "B" = 46.81 chs.
Total dist. to "B" = 77.37 chs.

77.37 Triangulation point "B".

Thence, from cor.,

S. $89^{\circ} 54'$ E., on true line, bet. secs. 30 and 31.

Over mountainous land, thru scattering timber and undergrowth. Measurement by triangulation hereinbefore described.

Asc. gradually over NW. slope to

4.40 (Approx.) Drain, course NW. Asc. 1082 ft. over broken SW. and W. slopes over slide rock and cliff.

29.00 (Approx.) Base of steep ascent, brs. S. 25° E. and N. 25° W. Enter rough mountainous land and leave timber, same bearing.

37.37 The true point for $\frac{1}{4}$ sec. cor. falls in loose slide rock.
46.60 (Approx.) Top of cliff (Grand Wash upper rim) 200 ft.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

67.

Chains

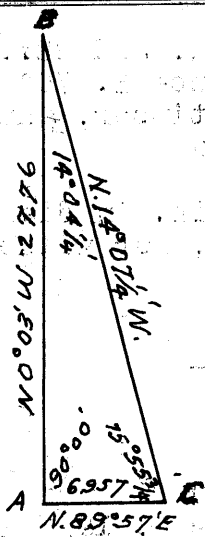
- sheer, faces SW, brs. N. 24° W. and SE., approx. 4 chs., thence S., approx. 8 chs., thence S. 70° W. Enter mountainous land and moderate timber, same bearing. Asc. slightly over SW. slope to
- 46.73 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor, with brass cap marked
- WC $\frac{S30}{S31}$
1939
- from which
- A pinyon, 6 ins. diam., bears N. 19 $\frac{1}{4}$ ° E., 56 lks. dist., marked WC $\frac{1}{4}$ S30 BT.
- A pinyon 8 ins. diam., bears S. 49 $\frac{3}{4}$ ° E., 65 lks. dist., marked WC $\frac{1}{4}$ S31 BT.
- Resume chaining and continue line and measurement.
Asc. 218 ft. over rocky SW. slope to
- 54.15 Top of ridge, brs. S. and N. 25° W. Desc. 211 ft. over NE. slope to
- 65.90 Ravine, 5 lks. wide, course N. 20° E., heads S. 10° W., approx. 15 chs. dist. Asc. 123 ft. over NW. slope to
- 71.00 Top of spur, slopes N. 20° E. Desc. 124 ft. over E. slope to
- 76.40 Ravine, 3 lks. wide, course NE. Asc. 32 ft. over NW. slope to
- 77.37 The cor. of secs. 29, 30, 31, and 32.
- Land, mountainous and rough mountainous.
Soil, rocky; 3rd and 4th rates.
Timber, pinyon and juniper.
Undergrowth, sagebrush, oakbrush, cliff rose, and cacti.
Poor to fair grass.
-
- N. 0° 03' W., bet. secs. 29 and 30:
- Over mountainous land, thru moderate timber and undergrowth.
- Desc. 45 ft. over NW. slope to
- 1.70 Ravine, 5 lks. wide, course NE. Asc. 42 ft. over SE. slope to
- 7.00 Top of short spur, slopes E., approx. 5 chs. Desc. 89 ft. over N. slope to
- 11.48 Triangulation point "A". Top of cliff (Grand Wash upper rim) 205 ft. sheer, faces N. 70° E., brs. S. 70° E., 6.50 chs., thence N. 20° E.; and N. 70° W., approx. 7 chs., thence N. 5° W. Enter broken mountainous land and very scattering timber, same bearing. Discontinue chaining at this point, owing to cliff, and triangulate as follows:
- Designate 11.48 ch. station as point "A" and set flag "B" ahead on line, the vertical angle to which is -20 $\frac{1}{2}$ °. The vertical angle to ravine ahead is -50°.

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

68.

Chains



From "A" chain a base N. 89° 57' E., 6.957 chs. and set flag "C" on top of same cliff facing W. From "C" flag "B" bears N. 14° 07 1/2' W.

Included angles of triangle "A-B-C" are 90° 00', 14° 04 1/2', and 75° 55 3/4', the sum of which is 180° 00'.

Chained dist. on line to point "A" = 11.48 chs. N. 0° 03' W.
 Triang. dist. "A" to "B" = 27.76 chs. N. 0° 03' W.
 Total dist. to "B" = 39.24 chs. N. 0° 03' W.

From 11.48 ch. station descend 465 ft. over precipitous broken N. slope over cliff and slide rock to

- 17.40 (Approx.) Ravine, 10 lks. wide, course NE. Desc. 220 ft. over NE. slope to
- 35.00 (Approx.) Slope changes to E. Along E. slope to
- 39.24 Triang. point "B". Resume chaining and continue line and measurement. Continue along E. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S30|S29

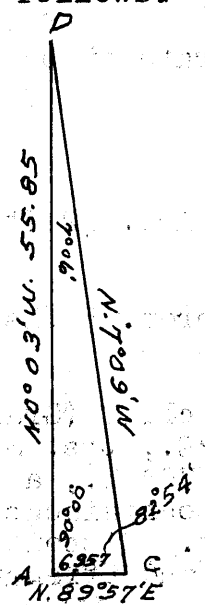
1939

from which

A juniper, 5 ins. diam., bears N. 1 1/4° E., 131 lks. dist., marked 1/4 S29 BT.

A juniper, 5 ins. diam., bears N. 60 1/2° W., 210 lks. dist., marked 1/4 S30 BT.

Discontinue chaining at this point owing to cliff ahead. Return to 11.48 ch. station (point "A") and triangulate as follows:



Set flag "D" ahead on line, the vertical angle to which is -1 1/4°.

Using same base hereinbefore described. From "A" point "C" bears N. 89° 57' E., 6.957 chs. dist., from which "D" bears N. 7° 09' W.

Included angles of the triangle "A-C-D" are 90° 00', 82° 54', and 7° 06', the sum of which is 180° 00'.

Chained dist. on line to point "A" = 11.48 chs. N. 0° 03' W.
 Triang. dist. "A" to "D" = 55.85 chs. N. 0° 03' W.
 Total dist. to "D" = 67.33 chs. N. 0° 03' W.

From 1/4 sec. cor. continue along E. slope to

- 47.00 (Approx.) Slope changes to broken SE. slope. Asc. 573 ft. over slide rock and cliff to
- 66.30 (Approx.) Top of cliff (Grand Wash upper rim) 150 ft.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

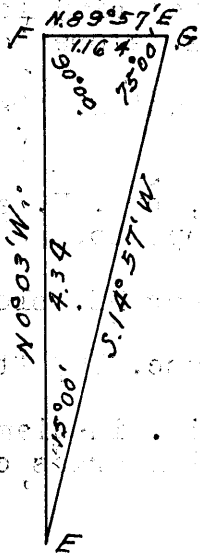
BOOK 4200 69.

Chains

sheer, faces E., brs. N. and S. 20° W. Along edge of top of cliff to

67.33 Triang. point "D". Resume chaining and continue line and measurement. Leave top of rim, brs. S. and N. 10° W. At this point rim becomes broken. Desc. 86 ft. over series of cliffs, facing NE., to

71.03 Triang. point "E". Top of precipitous ascent, brs. SE. and W. Point of top of same rim, bearing S. 10° E. and S. 30° W., facing E. and NW., brs. W., approx. 50 lks. dist. Triangulate as follows:



Designate 71.03 ch. station as point "E" and set flag "F" ahead on line, the vertical angle to which is -48 1/4°.

From "F" chain a base N. 89° 57' E., 1.164 chs. and set point "G", from which "E" bears S. 14° 57' W.

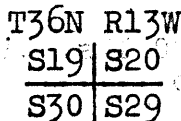
Included angles of the triangle "E-F-G" are 15° 00', 90° 00', and 75° 00', the sum of which is 180° 00'.

Chained and triang. dist.
 on line to point "E" = 71.03 chs.
 Triang. dist. "E" to "F" = 4.34 chs.
 Total dist. to "F" = 75.37 chs.

From 71.03 ch. station descend 321 ft. over precipitous N. slope over cliffs and slide rock to

75.37 Triang. point "F". Resume chaining and continue line and measurement. Continue over steep N. slope. Desc. 224 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bedrock, and in a mound of stone to top, for the cor. of secs. 19, 20, 29, and 30, with brass cap marked



1939 from which

A pinyon, 10. ins. diam., bears N. 39 1/2° E., 89 lks. dist., marked T36N R13W S20 BT.

A pinyon, 8 ins. diam., bears S. 79 1/2° E., 88 lks. dist., marked T36N R13W S29 BT.

A pinyon, 12 ins. diam., bears S. 45 1/2° W., 122 lks. dist., marked T36N R13W S30 BT.

A pinyon, 6 ins. diam., bears N. 54° W., 139 lks. dist., marked T36N R13W S19 BT.

Land, mountainous and broken. Soil, rocky; 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush, oakbrush, cliff rose, and cacti. Fair to poor grass.

S. 89° 55' E., on a random line, bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

70.

Chains	
80.00	Intersect N. and S. line 7 lks. N. of the cor. of secs. 20, 21, 28, and 29.
	Thence,
	N. 89° 52' W., on true line, bet. secs. 20 and 29.
	Over rough mountainous land, thru moderate timber and undergrowth.
	Asc. 69 ft. over precipitous E. slope to
1.50	Top of broken rim (Grand Wash upper rim) faces E., brs. N. and S. Asc. slightly over E. slope to
1.80	Top of high, sharp ridge, brs. N. and S. Desc. slightly over rocky W. slope to
2.10	Top of same broken rim, faces W., brs. N. and S. Desc. 966 ft. over steep rocky W. slope to
32.50	Gully, course NW. Asc. 30 ft. over NE. slope to
36.80	Low point of spur, slopes NW. Desc. 107 ft. over W. slope.
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
	$\begin{array}{r} \frac{1}{4} \text{ S20} \\ \hline \frac{1}{4} \text{ S29} \\ 1939 \end{array}$
	from which
	A pinyon, 6 ins. diam., bears S. 21 $\frac{1}{2}$ ° W., 40 lks. dist., marked $\frac{1}{4}$ S29 BT.
	A juniper, 6 ins. diam., bears N. 20 $\frac{3}{4}$ ° W., 90 lks. dist., marked $\frac{1}{4}$ S20 BT.
	Yellowstone Spring bears N. 61° 06' E., 5.01 chs. dist. Continue over W. slope. Desc. 4 ft. to
42.15	Canyon wash, 20 lks. wide, course N. Asc. 266 ft. over SE. slope to
52.50	Top of spur, slopes NE. Along steep N. slope. Asc. 36 ft. to
56.65	Ravine, heads approx. 6 chs. SW., course NE. Asc. 146 ft. over NE. slope to
63.40	Top of spur, slopes sharply N. Desc. 88 ft. over NW. slope to
68.70	Ravine, heads approx. 4 chs. S. 10° E., course N. 10° W. Asc. 230 ft. over NE. slope to
78.00	Top of spur, slopes sharply N. 20° E. Along steep N. slope. Desc. 23 ft. to
80.00	The cor. of secs. 19, 20, 29, and 30.
	Land, rough mountainous.
	Soil, rocky; 4th rate.
	Timber, juniper and pinyon.
	Undergrowth, sagebrush, cliff rose, oakbrush, and cacti.
	Poor grass.
	N. 89° 54' W., on a random line, bet. secs. 19 and 30.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290-71.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.25	Intersect the W. bdy. of Tp. 4 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. in diam., set, marked, and witnessed as hereinbefore described.
	Thence,
	S. $89^{\circ} 52'$ E., on true line, bet. secs. 19 and 30.
	Over rough mountainous land, thru moderate timber and undergrowth.
	Desc. 20 ft. over NE. slope to
0.25	Ravine, course N. 10° W. Asc. 221 ft. over rocky, broken SW. slope to
7.60	Top of broken rim, brs. S. 30° E. and N. 30° W. Continue over rocky SW. slope. Asc. 139 ft. to
14.10	Top of spur, slopes N. 70° W. Along N. slope. Asc. 12 ft. to
19.10	Slope changes to NE. Desc. 49 ft. to
22.20	Ravine, heads approx. 2.50 chs. SE., course NW. Asc. 114 ft. over NW. slope to
26.80	Top of spur, slopes NE. Desc. 135 ft. over E. slope to
35.00	Ravine, 10 lks. wide, course N. 10° W., heads approx. 10 chs. S. 10° E. Asc. 31 ft. over W. slope to
37.25	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.
	$\frac{S19}{S30}$ 1939
	from which
	A pinyon, 14 ins. diam., bears N. $50\frac{1}{2}^{\circ}$ E., 72 lks. dist., marked $\frac{1}{4}$ S19 BT.
	A pinyon, 12 ins. diam., bears S. $77\frac{1}{2}^{\circ}$ E., 142 lks. dist., marked $\frac{1}{4}$ S30 BT.
	Point of low flat spur, slopes N. Desc. 5 ft. over slight NE. slope to
38.60	Rocky wash, 30 lks. wide, course NW., from S. 80° E. Asc. 239 ft. over SW. slope to
55.20	Top of ridge, brs. SE. and NW., slopes sharply NW. Along steep N. slope. Asc. 295 ft. to
77.25	The cor. of secs. 19, 20, 29, 30.
	Land, rough mountainous.
	Soil, rocky; 4th rate.
	Timber, pinyon and juniper.
	Undergrowth, sagebrush, cliff rose, and cacti. Poor grass.
	N. $0^{\circ} 03'$ W., bet. secs. 19 and 20.
	Over mountainous land, thru moderate timber and undergrowth.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

72.

Chains	
	Desc. 356 ft. over steep N. slope to
8.80	Gully, course NW. Desc. 366 ft. over NW. slope to
31.00	Slope changes to W. Along gradual W. slope to
35.70	Top of spur, slopes N., from S. 30° E. Asc. 5 ft. along top of spur to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.
	$\frac{1}{4}$
	S19 S20
	1939
	from which
	A pinyon 14 ins. diam., bears N. 65 $\frac{3}{4}$ ° E., 36 lks. dist., marked $\frac{1}{4}$ S20 BT.
	A pinyon, 5 ins. diam., bears S. 66 $\frac{1}{4}$ ° W., 42 lks. dist., marked $\frac{1}{4}$ S19 BT.
	Continue along top of spur. Desc. 8 ft. to
41.30	Leave top of spur, slopes N. 30° E., from S. Desc. 147 ft. over NW. slope to
48.70	Rocky wash, 20 lks. wide, course NE. Along gradual E. slope. Desc. 26 ft. to
55.00	Rocky wash, 40 lks. wide, course NW. Along W. slope. Desc. 60 ft. to
63.00	Same wash, 40 lks. wide, course N., from SW. Desc. 12 ft. down wash to
68.00	Leave wash, course N. 10° W., from S. Asc. 15 ft. over SW. slope to
70.60	Slope changes to NW. Desc. 36 ft. to
74.00	Same wash, course N. 20° E. Along gradual E. slope. Desc. 4 ft. to
76.30	Same wash, course NW. Along gradual W. slope. Desc. 18 ft. to
79.50	Same wash, course N. 30° E. Over level land to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground; for the cor. of secs. 17, 18, 19, and 20, with brass cap marked
	T36N R13W
	S18 S17
	S19 S20
	1939
	from which
	A pinyon, 12 ins. diam., bears N. 2° E., 195 lks. dist., marked T36N R13W S17 BT.
	A juniper, 8 ins. diam., bears S. 41 $\frac{1}{2}$ ° E., 195 lks. dist., marked T36N R13W S20 BT.
	A pinyon, 8 ins. diam., bears S. 59 $\frac{1}{2}$ ° W., 158 lks.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 73.

Chains

dist., marked T36N R13W S19 BT.

A pinyon, 10 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ W., 42 lks. dist., marked T36N R13W S18 BT.

Land, mountainous.

Soil, rocky; 3rd and 4th rates.

Timber, pinyon and juniper.

Undergrowth, sagebrush, cliff rose, and cacti. Fair grass.

S. $89^{\circ} 52'$ E., on a random line, bet. secs. 17 and 20.

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

80.08 Intersect N. and S. line 12 lks. N. of the cor. of secs. 16, 17, 20, and 21.

Thence,

N. $89^{\circ} 47'$ W., on true line, bet. secs. 17 and 20.

Over rolling and mountainous land, thru moderate timber and dense undergrowth.

Desc. gradually over NW. slope to

1.50 Rocky gulch, course N. 10° E. Asc. 25 ft. over E. slope.

4.50 Top of short spur, slopes N. Desc. 25 ft. over NW. slope.

7.60 Unimproved trail, brs. NE. and SW.

13.00 Gulch, course NE. Asc. 99 ft. over broken E. slope to

24.00 Top of ridge, brs. N. and S. Desc. 46 ft. over W. slope.

36.20 Gully, course N. 30° W. Asc. 58 ft. over NE. slope to

39.50 Top of short spur, slopes N. Leave moderate and enter scattering timber, brs. N. and S. Desc. 15 ft. over W. slope to

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, and in a small mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S17}{S20}$
1939

from which

A pinyon, 12 ins. diam., bears N. $48\frac{3}{4}^{\circ}$ E., 35 lks. dist., marked $\frac{1}{4}$ S17 BT.

A pinyon, 7 ins. diam., bears S. $28\frac{1}{4}^{\circ}$ W., 109 lks. dist., marked $\frac{1}{4}$ S20 BT.

Continue over W. slope. Desc. 118 ft. to

43.80 Small canyon wash, 40 lks. wide, course N., from SW. Asc. 89 ft. over steep rocky E. slope to

46.30 Top of broken rim, faces E., brs. N. and SW. Asc. 46 ft. over NE. slope to

56.10 Top of spur, slopes N. Desc. 76 ft. over NW. slope to

66.10 Wash, 5 lks. wide, course N. 10° E. Asc. 14 ft. over

Survey: Subdivision Lines: T. 36 N., R. 13 W.

74.

Chains	
	gradual NE. slope to
68.10	Top of low flat spur, slopes N. 10° W. Desc. 15 ft. over slight NW. slope to
70.00	Rocky wash, 15 lks. wide, course N. Asc. 9 ft. over slight NE. slope to
71.10	Top of low flat spur, slopes N. Desc. 27 ft. over gradual NW. slope to
79.80	Rocky wash, 30 lks. wide, course N. 10° W., from S. 30° W. Over nearly level land. Asc. 3 ft. to
80.08	The cor. of secs. 17, 18, 19, and 20. Land, mountainous and rolling. Soil, rocky clay; 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush, cliff rose, blackbrush, and cacti. Fair grass.
	N. 89° 52' W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.16	Intersect the W. bdy. of Tp. 9 lks. N. of the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. in diam.; set, marked; and witnessed as hereinbefore described.
	Thence,
	S. 89° 56' E., on true line, bet. secs. 18 and 19.
	Over rolling and mountainous land, thru moderate timber and undergrowth.
	Desc. 36 ft. over E. slope to
3.85	Rocky wash, 30 lks. wide, course N. Asc. 16 ft. over gradual W. slope to
10.50	Slope changes to E. Desc. 19 ft. to
12.55	Washes, from S. 70° E. and S., course NW. Asc. 222 ft. over steep broken W. slope to
21.80	Top of sandstone cliff, 90 ft. high, faces W., brs. S. 10° E. and N. 10° W. Asc. 71 ft. over rocky SW. slope to
28.50	Top of spur, slopes N. 20° W., from S. 60° E. Desc. 85 ft. over broken NE. slope to
37.16	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
	$\begin{array}{r} S18 \\ \frac{1}{4} \\ \hline S19 \\ 1939 \end{array}$
	from which
	A pinyon, 10 ins. diam., bears N. 33 $\frac{3}{4}$ ° E., 18 lks. dist., marked $\frac{1}{4}$ S18 BT.
	A pinyon, 6 ins. diam., bears S. 63 $\frac{1}{4}$ ° W., 32 lks. dist., marked $\frac{1}{4}$ S19 BT.

Survey: Subdivision Lines: T. 36 N., R. 13 W.

75.

BOOK 4290

Chains	
	Continue over slight NE. slope. Desc. 4 ft. to
37.50	Head of draw, course N. Asc. 50 ft. over NW. slope to
47.20	Top of ridge, brs. N. and S. Desc. 95 ft. over broken NE. slope to
61.45	Top of same sandstone cliff, 40 ft. high, faces E., brs. N. and S. Desc. 167 ft. over steep, rocky broken E. slope to
65.75	Rocky ravine, 40 lks. wide, course N. 10° E. Asc. 150 ft. over rocky broken NW. slope to
69.95	Top of same cliff, 65 ft. high, faces NW., brs. S. 20° W. and N. 20° E. Over nearly level land to
77.16	The cor. of secs. 17, 18, 19, and 20.
	Land, rolling and mountainous. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Undergrowth, sagebrush, blackbrush, and cacti. Fair grass.
	N. 0° 03' W., bet. secs. 17 and 18.
	Over rolling and mountainous land, thru scattering timber and undergrowth.
	Over nearly level land. Desc. 3 ft. to
1.50	Rocky wash, 40 lks. wide, course NW. Over nearly level land. Desc. 13 ft. to
7.00	Top of sandstone cliff, 70 ft. high, faces NW., brs. NE. and SW. Desc. 100 ft. over rocky broken NW. slope to
8.50	Bottom of descent. Asc. 70 ft. over rocky broken SW. slope to
10.00	Top of same cliff, faces SW., brs. SE. and NW. Desc. 16 ft. along W. slope.
11.00	Low flat-top butte bears N. 37½° W.
11.70	Top of same cliff, broken, faces NW., brs. N. 20° E. and S. 20° W. Desc. 169 ft. over rocky broken NW. slope to
27.50	Rocky wash, 20 lks. wide, course N. 10° E. Along gradual E. slope. Desc. 22 ft. to
35.30	Same wash, course W., approx. 2 chs., thence N. 25° E. Along W. slope. Desc. 25 ft. to
39.50	Bend in same wash, course N. 70° W., from S. 25° W. Asc. 18 ft. over SW. slope.
40.00	True point for ¼ sec. cor. falls on steep bank of wash. Impracticable to set cor.
40.40	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness ¼ sec. cor., with brass cap marked
	¼
	S18 S17
	WC
	1939

BOOK 4290

Survey: Subdivision Lines: T. 36 N., R. 13 W.

76.

Chains					
	<p style="text-align: right;">from which</p> <p>A pinyon, 10 ins. diam., bears N. 66° E., 183 lks. dist., marked WC $\frac{1}{4}$ S17 BT.</p> <p>A pinyon, 14 ins. diam., bears N. 30° W., 110 lks. dist., marked WC $\frac{1}{4}$ S18 BT.</p> <p>Continue over SW. slope. Asc. 75 ft. to</p>				
49.50	Top of short spur, slopes S. 70° W. Desc. 63 ft. over NW. slope to				
54.40	Slope changes to SW. Asc. 14 ft. to				
56.10	Top of spur, slopes W. Desc. 93 ft. over N. slope.				
58.50	Dim road, brs. E. and W.				
60.50	Hidden Canyon Wash, 110 lks. wide, course W. Asc. 171 ft. over SW. slope to				
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for the cor. of secs. 7, 8, 17, and 18, with brass cap marked				
	<p>T36N R13W</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S7</td> <td style="padding: 0 5px;">S8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S18</td> <td style="padding: 0 5px;">S17</td> </tr> </table> <p>1939</p> <p style="text-align: right;">from which</p>	S7	S8	S18	S17
S7	S8				
S18	S17				
	<p>A pinyon, 10 ins. diam., bears N. 87$\frac{3}{4}$° E., 197 lks. dist., marked T36N R13W S8 BT.</p> <p>A pinyon, 14 ins. diam., bears S. 12$\frac{1}{2}$° E., 67 lks. dist., marked T36N R13W S17 BT.</p> <p>A pinyon, 7 ins. diam., bears S. 15$\frac{1}{2}$° W., 88 lks. dist., marked T36N R13W S18 BT.</p> <p>A pinyon, 12 ins. diam., bears N. 81$\frac{1}{4}$° W., 97 lks. dist., marked T36N R13W S7 BT.</p> <p>Land, rolling and mountainous. Soil, rocky; 3rd and 4th rate. Timber, pinyon and juniper. Scattering Joshua trees. Undergrowth, sagebrush, blackbrush, and Spanish dagger. Poor grass.</p>				
40.00	<p>S. 89° 47' E., on a random line, bet. secs. 8 and 17.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>				
80.02	Intersect N. and S. line 4 lks. S. of the cor. of secs. 8, 9, 16, and 17.				
	Thence,				
	N. 89° 49' W., on true line, bet. secs. 8 and 17.				
	Over mountainous land, thru scattering timber and dense undergrowth.				
	Desc. 35 ft. over SW. slope to				
3.70	Gulch, course S. 15° W. Asc. 74 ft. over SE. slope to				

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

177.

Chains	
9.30	Top of spur, slopes S. Desc. 182 ft. over broken SW. slope to
25.50	Gully, course S. Asc. 178 ft. over SE. slope to
33.60	Top of spur, slopes S. 20° W. Desc. 120 ft. over SW. slope to
40.01	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
	$\begin{array}{r} S8 \\ + \\ S17 \\ \hline 1939 \end{array}$ from which
	A pinyon, 10 ins. diam., bears S. 66° W., 155 lks. dist., marked $\frac{1}{4}$ S17 BT.
	A pinyon, 16 ins. diam., bears N. 75½° W., 161 lks. dist., marked $\frac{1}{4}$ S8 BT.
	Continue over SW. slope. Desc. 36 ft. to
42.00	Ravine, 5 lks. wide, course S. 20° W. Asc. 66 ft. over SE. slope to
49.40	Top of spur, slopes S. 10° W. Desc. 300 ft. over broken SW. slope to
80.02	The cor. of secs. 7, 8, 17, and 18.
	Land, mountainous. Soil, rocky; 4th rate. Timber, pinyon and juniper. Scattering Joshua trees. Undergrowth, sagebrush, blackbrush, and cacti. Poor grass.
	N. 89° 56' W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.99	Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 7, 12, 13, and 18.
	Thence, S. 89° 54' E., on true line, bet. secs. 7 and 18.
	Over rolling and mountainous land, thru scattering timber and undergrowth.
	Asc. 82 ft. over NW. slope to
14.40	Top of spur, slopes NE. Desc. 70 ft. over E. slope to
21.30	Rocky ravine, 40 lks. wide, course NE., from S. 20° W. Asc. 74 ft. over W. slope to
32.00	Top of spur, slopes N. Desc. 63 ft. over NE. slope to
36.99	Set an iron post, 3 ft. long, 1 in. in diam., 29 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S7 \\ + \\ S18 \\ \hline 1939 \end{array}$ from which

Survey: Subdivision Lines: T. 36 N., R. 13 W.

78.

Chains	
	<p>A juniper, 14 ins. diam., bears N. 50° E., 337 lks. dist., marked $\frac{1}{4}$ S7 BT.</p> <p>A willow, 4 ins. diam., bears S. 26° E., 158 lks. dist., marked $\frac{1}{4}$ S18 BT.</p> <p>Ferguson Tank, a small natural tank in rock ravine, containing small pool of water, bears N. 30$\frac{3}{4}$° W., 8.64 chs. dist.</p> <p>Continue over NE. slope. Desc. 22 ft. to</p>
41.40	Hidden Canyon Wash, 100 lks. wide, course N. 26° W. Asc. 295 ft. over SW. slope.
42.20	Dim road, brs. S. 26° E. and N. 26° W.
60.50	Flat top, low butte bears S. 5° W.
63.80	Point of conical peak, approx. 100 ft. above this point on line, bears N., 10.00 chs. dist.
65.20	Slope changes to SE. Desc. 42 ft. to
75.00	Head of shallow draw, course S. Asc. slightly over SW. slope to
76.99	The cor. of secs. 7, 8, 17, and 18.
	<p>Land, rolling and mountainous. Soil, rocky; 3rd and 4th rates. Timber, pinyon and juniper. Undergrowth, sagebrush, blackbrush, Spanish dagger, and cacti. Poor grass.</p>
	N. 0° 03' W., bet. secs. 7 and 8.
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 283 ft. over SW. slope to
34.60	Top of spur, slopes S. 80° W. Leave timber, brs. E. and W. Desc. 74 ft. over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S7 S8
	1939
	raise a mound
	of stone, 5 ft. base, 4 ft. high, W. of cor.
	Continue over NW. slope. Desc. 6 ft. to
40.70	Ravine, course S. 80° W., Asc. 279 ft. over SW. slope to
62.40	Top of spur, slopes W. Desc. 76 ft. over NW. slope to
67.60	Draw, course W. Asc. 55 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground over cross (+) on bedrock, and in a mound of stone to top, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290 79.

Chains

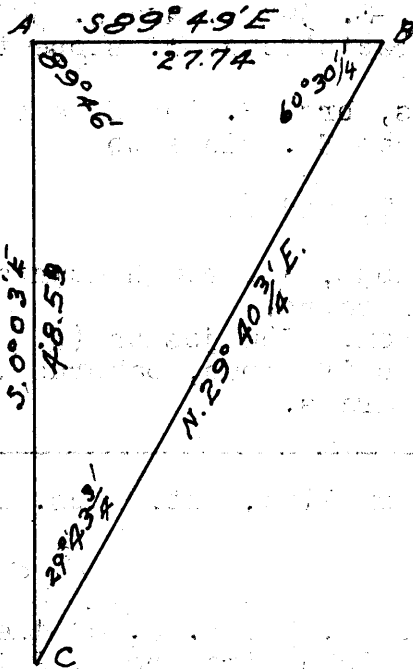
T36N R13W

S6 | S5
 S7 | S8
 1939

Land, mountainous.
 Soil, rocky; 3rd and 4th rates.
 Timber, few juniper and pinyon (S. 1/2 mile). Scattering Joshua trees.
 Undergrowth, blackbrush, greasewood, Spanish dagger, and cacti. Poor grass.

S. 89° 49' E., on a random line, bet. secs. 5 and 8.

Owing to precipitous ascent over cliffs and slide rock, triangulate as follows:



Designate the cor. of secs. 5, 6, 7, and 8 as point "A", and set flag "B" ahead on random line, the vertical angle to which is +33°.

Designate a point on sec. line S. 0° 03' E., 48.59 chs. dist. from "A" as point "C", from which flag "B" bears N. 29° 40 3/4' E.

Included angles of triangle "A-B-C" are 89° 46', 60° 30 1/4', and 29° 43 1/4', the sum of which is 180° 00'.

Triang. dist.
 "A" to "B" = 27.74 chs. S. 89° 49' E.
 Total dist.
 to "B" = 27.74 chs. S. 89° 49' E.

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

40.00 Set temp. 1/4 sec. cor.

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

Thence,

N. 89° 45' W., on true line, bet. secs. 5 and 8.

Over rolling and mountainous land, thru moderate timber and dense undergrowth.

Asc. 21 ft. over E. slope to

2.00 Top of short spur, slopes NE. Desc. 60 ft. over W. slope.

10.80 Gulch, course NE. Asc. 207 ft. over SE. slope to

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a small mound of stone to top, for 1/4 sec. cor., with brass cap marked

S5
 1/4 S8
 1939

from which

Survey: Subdivision Lines: T. 36 N., R. 13 W.

80.

Chains	
	A pinyon, 10 ins. diam., bears S. $1\frac{1}{2}^{\circ}$ W., 35 lks. dist., marked $\frac{1}{4}$ S8 BT.
	A juniper, 6 ins. diam., bears N. 34° W., 60 lks. dist., marked $\frac{1}{4}$ S5 BT.
	Continue over SE. slope. Asc. 29 ft. to
45.00	Top of ridge, brs. S. 20° E. and N. 20° W. Desc. 15 ft. over SW. slope to
52.30	Top of broken cliff, 150 ft. high, faces SW., brs. S. 20° E. and N. 20° W. Enter rough mountainous land and leave timber and dense undergrowth, same bearing. Measurement by triangulation hereinbefore described. Desc. 404 ft. over steep, rocky broken SW. slope to
61.00	(Approx.) Top of cliff (Grand Wash upper rim) 170 ft. sheer, faces SW., brs. S. 30° E. and N. 30° W. Desc. 250 ft. over rocky, precipitous SW. slope to
63.00	(Approx.) Base of cliffs, brs. S. 30° E. and N. 30° W. Desc. 535 ft. over steep SW. slope to
80.04	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling,, mountainous, and rough mountainous. Soil, rocky; 3rd and 4th rates. Timber, juniper and pinyon. Few joshua (W. $\frac{1}{4}$ mile). Undergrowth, sagebrush, cliff rose, oakbrush, and Spanish dagger. Fair to poor grass.
	N. $89^{\circ} 54'$ W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.91	Intersect the W. bdy. of Tp. 9 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. in diam., set, marked, and witnessed as hereinbefore described.
	Thence,
	S. $89^{\circ} 58'$ E., on true line, bet. secs. 6 and 7.
	Over rolling land, thru scattering timber and undergrowth.
	Asc. 34 ft. over SW. slope to
5.00	Enter mountainous land, brs. N. and S. Slope changes to W. Asc. 210 ft. to
24.10	Top of spur, slopes SW. Desc. 72 ft. over SE. slope to
36.91	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
	$\frac{1}{4} \frac{S6}{S7}$ 1939
	from which
	A pinyon, 6 ins. diam., bears N. $6\frac{1}{4}^{\circ}$ E., 78 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A pinyon, 10 ins. diam., bears S. $66\frac{1}{2}^{\circ}$ W., 74 lks. dist., marked $\frac{1}{4}$ S7 BT.
	Continue over SE. slope. Desc. 5 ft. to

Survey: Subdivision Lines: T. 36 N., R. 13 W.

BOOK 4290

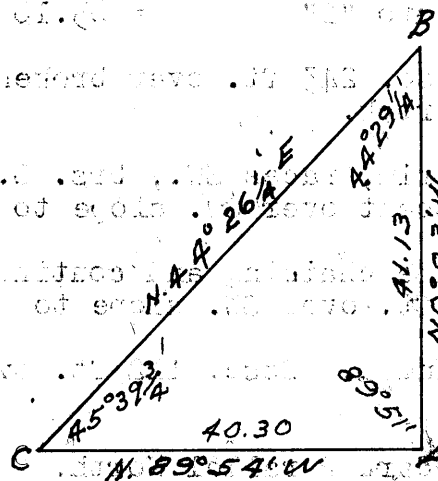
81.

- Chains
- 37.10 Rocky wash, course S. 70° W. Asc. 395 ft. over SW. slope.
- 46.90 Leave timber, brs. NE. and S.
- 55.55 Top of spur, slopes S. 30° W., from N. 80° E. Desc. 48 ft. over SE. slope to
- 58.90 Saddle in same spur, sloping N. 80° W., from N. 80° E. Asc. 74 ft. over SW. slope to
- 63.50 Top of spur, slopes S. 20° W. Desc. 70 ft. over SE. slope.
- 70.45 Rocky draw, course SW. Asc. 118 ft. over SW. slope to
- 76.91 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and mountainous.
 Soil, rocky, 3rd and 4th rates.
 Timber, juniper and pinyon. Scattering joshua trees.
 Undergrowth, blackbrush, sagebrush, Spanish dagger, and cacti. Poor grass:

N. 0° 03' W., bet. secs. 5 and 6.

- 28.84 Over mountainous land, thru scattering undergrowth. Asc. 530 ft. over SW. slope over boulders and slide rock to Base of cliffs, facing SW., brs. S. 30° E. and N. 30° W. Discontinue chaining at this point, owing to cliffs, and triangulate as follows:



Designate the cor. of secs. 5, 6, 7, and 8 as point "A", and set flag "B" ahead on line. The vert. angle to top of cliffs from "A" is +20°.

Designate a point on random sec. line N. 89° 54' W., 40.30 chs. dist. from "A" as point "C", from which flag "B" bears N. 44° 26 1/4' E.

Included angles of triangle "A-B-C" are 89° 51', 44° 29 1/4', and 45° 39 3/4', the sum of which is 180° 00'.

Triang. dist. "A" to "B" = 41.13 chs. N. 0° 03' W.
 Total dist. to "B" = 41.13 chs. N. 0° 03' W.

From 28.84 chs. station asc. 250 ft. over broken SW. slope over cliffs to

- 32.50 (Approx.) Top of cliff (Grand Wash upper rim) 175 ft. sheer, faces SW., brs. S. 30° E. & N. 30° W., 15 chs., thence N. 70° W. Asc. 162 ft. over rocky SW. slope. Enter scat. timber, same bearing.

From point "B" chain return measurement S. 0° 03' E., 1.13 chs. to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a small mound of stone to top, for 1/4 sec. cor., with brass cap marked

56/55

1939

Survey: Subdivision Lines: T. 36 N., R. 13 W.

82.

Chains

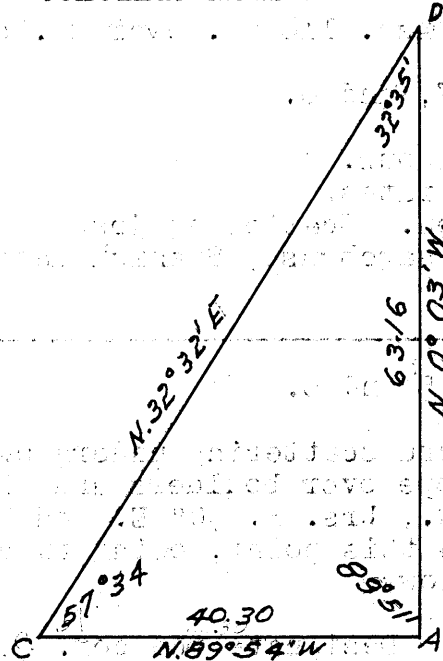
from which

A pinyon, 12 ins. diam., bears S. $38\frac{1}{2}^{\circ}$ E., 24 lks. dist., marked $\frac{1}{4}$ S5 BT.

A juniper, 4 ins. diam., bears S. $37\frac{1}{2}^{\circ}$ W., 50 lks. dist., marked $\frac{1}{4}$ S6 BT.

Asc. 28 ft. over broken SW. slope to

41.13 Triangulation point "B". Owing to cliffs and slide rock continue measurement by triangulation as follows:



From "B" set flag "D" ahead on line, the vertical angle to which is $+9\frac{1}{2}^{\circ}$.

Return to point "A" and use same base hereinafore described. From "A" point "C" bears N. $89^{\circ}54'W.$, 40.30 chs. dist., from which "D" bears N. $32^{\circ}32'E.$

Included angles of the triangle "A-C-D" are $89^{\circ}51'$, $57^{\circ}34'$, and $32^{\circ}35'$, the sum of which is $180^{\circ}00'$.

Triang. dist. "A" to point "D" = 63.16 chs. N. $0^{\circ}03'W.$
Total dist. to "D" = 63.16 chs. N. $0^{\circ}03'W.$

From 41.13 ch. station asc. 243 ft. over broken SW. slope over cliffs and slide rock.

58.00 (Approx.) Top of broken rim, faces SW., brs. S. 30° E. and N. 70° W. Continue ascent over SW. slope to

63.16 Triang. point "D". Resume chaining and continue line and measurement. Asc. 92 ft. over SW. slope to

69.30 Top of ridge, brs. SE. and W. Desc. 112 ft. over NW. slope to

83.92 Intersect the Ninth Standard Parallel North.

Set an iron post, 3 ft. long, 2 ins. in diam., 23 ins. in the ground to solid rock, and in a small mound of stone to top, for the closing cor. of secs. 5 and 6, with brass cap marked

T37N R13W

S32

S6 | S5

T36N R13W

CC

1939

from which

A juniper, 5 ins. diam., bears S. 71° W., 331 lks. dist., marked T36N R13W S6 CC BT.

No other bearing tree available.

The standard cor. of secs. 31 and 32, T. 37 N., R. 13 W., which is an iron post, 2 ins. in diam., set, marked, and witnessed as hereinbefore described, bears West, 24.82 chs. dist.; and the standard $\frac{1}{4}$ sec. cor. of sec. 32,

which is an iron post, 1 in. diam., set, marked and witnessed as described in the official record, bears East, 15.18 chs. dist.

Land, mountainous and rough.

Soil, rocky, 4th. rate.

Timber, pinyon and juniper with a few Joshua trees.

Undergrowth, blackbrush, sagebrush, Spanish dagger and cacti. Poor grass.

North Boundary of T. 36 N., R. 13 W.

At the midpoint of the N. bdy. of sec. 1,

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

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

1939

from which

A juniper, 6 ins. diam., bears S. $54\frac{1}{4}^{\circ}$ E., 17 lks. dist. marked $\frac{1}{4}$ S 1 B T.

A juniper, 10 ins. diam., bears S. $56\frac{1}{2}^{\circ}$ W., 11 lks. dist. marked $\frac{1}{4}$ S 1 B T.

From this point, the standard cor. of Ts. 37 N., Rs. 12 and 13 W., bears East, 15.18 chs. dist.; an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record, and the standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 37 N., R. 13 W., bears West, 24.82 chs. dist.; an iron post, 1 in. diam., set, marked and witnessed as described in the official record.

At the midpoint of the N. bdy. of sec. 2,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2 only, with brass cap mkd.

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

1939

from which

A juniper, 5 ins. diam., bears S. $59\frac{1}{4}^{\circ}$ E., 19 lks. dist. marked $\frac{1}{4}$ S 2 B T.

A juniper, 6 ins. diam., bears S. $53\frac{3}{4}^{\circ}$ W., 20 lks. dist. marked $\frac{1}{4}$ S 2 B T.

From this point, the standard cor. of secs. 35 and 36, T. 37 N., R. 13 W., bears East, 15.25 chs. dist.; an iron post, 2 ins. diam., set, marked and witnessed as described in the official record, and the standard $\frac{1}{4}$ sec. cor. of sec. 35, bears West, 24.75 chs. dist.; an iron post, 1 in. diam., set, marked and witnessed as described in the official record.

At the midpoint of the N. bdy. of sec. 3,

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

North Boundary of T. 36 N., R. 13 W.

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

1939

from which

A juniper, 5 ins. diam., bears S. $70\frac{1}{4}^{\circ}$ E., 73 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

A juniper, 5 ins. diam., bears S. $7\frac{3}{4}^{\circ}$ W., 81 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

From this point, the standard cor. of secs. 34 and 35, T. 37 N., R. 13 W., bears East, $15.25\frac{1}{2}$ chs. dist.; an iron post, 2 ins. diam., set, marked and witnessed as described in the official record; and the standard $\frac{1}{4}$ sec. cor. of sec. 34 bears West, $24.74\frac{3}{8}$ chs. dist.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

At midpoint on the N. bdy. of sec. 4.

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

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

1939

from which

A juniper, 10 ins. diam., bears S. $31\frac{1}{4}^{\circ}$ E., 33 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

A juniper, 6 ins. diam., bears S. $66\frac{1}{2}^{\circ}$ W., 129 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

From this point, the standard cor. of secs. 33 and 34, T. 37 N., R. 13 W., bears East, $15.31\frac{1}{2}$ chs. dist.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record; and the standard $\frac{1}{4}$ sec. cor. of sec. 33 bears West, $24.68\frac{1}{8}$ chs. dist.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

At midpoint on the N. bdy. of sec. 5.

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

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

1939

from which

A juniper, 6 ins. diam., bears S. $88\frac{1}{4}^{\circ}$ E., 201 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

A juniper, 8 ins. diam., bears S. $76\frac{3}{4}^{\circ}$ W., 258 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

From this point, the standard cor. of secs. 32 and 33, T. 37 N., R. 13 W., bears East, 15.25 chs. dist.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record; and the standard $\frac{1}{4}$ sec. cor. of sec. 32 bears West, 24.75 chs. dist.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

chains

At a point 40.00 chs. in departure from the NE. cor. of sec. 6.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap mkd.

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

1939

from which

A juniper, 12 ins. diam., bears S. $43\frac{1}{2}^{\circ}$ E., 39 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.

A juniper, 6 ins. diam., bears S. 38° W., 250 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.

From this point, the standard cor. of secs. 31 and 32, T. 37 N., R. 13 W., bears East, 15.18 chs. dist.; and the standard $\frac{1}{4}$ sec. cor. of sec. 31 bears West, 24.82 chs. dist.

FINAL TESTS OF SOLAR ATTACHMENTS.

October 9, 1939; at the station in camp in the SE $\frac{1}{4}$ of sec. 36., T. 36 N., R. 13 W., and on the meridian described in the field notes of T. 35 N., R. 13 W., surveyed under this group; at 8h 0m a.m., app.t., we set off $36^{\circ}28\frac{1}{2}'$ N., on the lat. arcs; $6^{\circ}02\frac{1}{2}'$ S., on the decl. arcs; and orient the instruments with the solars; the lines of sight agree with the meridian established by Polaris observation.

At app. noon, with latitude arcs unchanged; we observe the sun on the meridian; the decl. arcs read $6^{\circ}07\frac{1}{2}'$ S., which agree with the computed declination of the sun.

At 4h 0m p.m., app.t., with latitude arcs unchanged; we set off $6^{\circ}10\frac{1}{2}'$ S., on the decl. arcs; and repeat the test of the instruments; the lines of sight agree with the meridian established by Polaris observation.

October 9, 1939.

GENERAL DESCRIPTION.

Township 36 North, Range 13 West, consists, on the whole, of mountainous land which in general is quite rough and broken. The elevation varies from approximately 3500 to 6000 ft. above sea level. A rim of cliffs, designated as Grand Wash upper rim, appears in the slopes on both sides of Hidden Canyon and the larger canyons draining into Hidden Canyon. This rim varies from a broken rim to a sheer wall 200 ft. high, and is one of a number of cliffs known as the Grand Wash Cliffs. The soil is generally rocky, with some rocky clay soil appearing, but a large portion of the township contains thick sandy limestone beds which are usually fossiliferous.

The principal drainage thru the township is found in Hidden Canyon, which contains a dry wash, entering the township on the E. bdy. of sec. 36, draining northwesterly and leaving the township on the W. bdy. of sec. 7. Numerous ravines, washes, gullies, and canyons empty into Hidden Canyon from the south and north. Last Chance Canyon, entering in sec. 16, Rattlesnake Canyon, entering in sec. 26, and Dry Canyon, entering in sec. 35, are the

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Township 36 North, Range 13 West.

outstanding canyons draining into Hidden Canyon from the south. St. George Canyon, entering in sec. 15, is the principal drainage into Hidden Canyon from the north. The only permanent water in the township is found in several springs located in the south half of the township. A small spring is located near the center of the SE $\frac{1}{4}$ of sec. 36. Four small springs appear in the NW $\frac{1}{4}$ of sec. 35, the best of which is called Garden Spring, which shows a small amount of development. Three springs near the line between secs. 22 and 23, north of the $\frac{1}{4}$ sec. cor., are piped to a wooden trough and earth tank. These three springs are named Lynx Springs. A spring is to be found in Last Chance Canyon, appearing in the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 33. The water from this spring is piped to a small concrete tank. Grapevine Spring is a small undeveloped spring located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of sec. 28. Yellowstone Spring, slightly developed and containing a small flow of good water, is located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 20. A concrete tank, 28x24x7 ft., and wooden stock trough, located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 36, contain a good supply of water piped from Hidden Spring, which appears just outside the township near the SE. cor. Ferguson tank, a small natural reservoir in a rock ravine, contains a small pool of water most of the year. This tank is in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of sec. 7.

That portion of the township above the Grand Wash upper rim contains a moderate to dense growth of timber and Undergrowth. The timber consists largely of juniper and pinyon with a few oak. The undergrowth consists of sagebrush, cliff rose, oakbrush, Spanish dagger, manzanita, blackbrush, and cacti. A scattering growth of joshua trees is to be found along most of the west boundary of the township. Dim, unimproved roads are in evidence in Hidden, Rattlesnake, Last Chance, and St. George Canyons. Heavy storms occurring during the progress of the survey have rendered these roads impassable to vehicles. A dim unimproved trail leads from Last Chance Canyon road to Yellowstone Spring.

A slight amount of mineral development is evidenced by two exploration adits which appear in the SW $\frac{1}{4}$ of sec. 16. This development is known as Hidden Mines. No settlers reside in the township.

The approximate mean magnetic variation is 16° E.

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(Revised May 1934)UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4290

FIELD ASSISTANTS

NAMES	CAPACITY
Benjamin J. Mollette	Principal Assistant
Roy M. Clifton	Chainman
Dean Peterson	Moundsman
Jack Williams	Axeman
Frank Doner, Jr	Axeman
Ernest Crofford	Flagman

90
88

BOOK 4290

CERTIFICATE OF SURVEYOR

General Land Office

I, Claude F. Warner, Transitman, _____, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 15th day of February, 1939,
received from the district cadastral engineer for Arizona, with assignment
instructions dated April 11, 1939, I have ~~surveyed~~ resurveyed the ninth standard-
parallel north, along part of the S. bdy of T. 37 N., R. 13 W., and
~~_____~~ surveyed subdivisional lines in T. 36 N., R. 13 W.,

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

Phoenix, Arizona
April 20, 1940

Claude F. Warner
Transitman
General Land Office

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.

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BOOK 4290

4-680
(Revised May 1934)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE**

FIELD ASSISTANTS

NAMES	CAPACITY
Thornton Fitzhugh	Principal Assistant
Rulon F. Westover	Chainman
Stanley C. Turner	Flagman
Amos R. Roten	Flagman
Alfred Figueiro, Jr	Moundsman
John G. Coverdale	Axeman

BOOK 4290

CERTIFICATE OF SURVEYOR

General Land Office

I, Frank Moteh, Public Land Surveyor, /

HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of February, 1939,

received from the district cadastral engineer for Arizona, with assignment

instructions dated April 11, 1939, I have ~~surveyed~~ resurveyed the ninth standard parallel north, along part of the S. bdy. of T37 N., R. 13 W., and surveyed subdivisional lines in T. 36 N., R. 13 W.,

of the Gila and Salt River Meridian, in the State of Arizona, which are

represented in the foregoing field notes as having been executed by me and under my direction; and that said

resurvey and survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey

of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona.

April 20, 1940.

Frank Moteh

Public Land Surveyor

General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

19

The foregoing field notes of the survey of

executed by

under special instructions dated

instructions dated

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Bert E. Wakeman	Principal Assistant
Clarence E. Liles	Chainman
George B. Mc Devitt	Flagman
Lavell Palmer	Moundsman
Albert Greene	Axeman
Wesley B. Farley	Axeman
Irwin B. Williams	Chainman and axeman.

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CERTIFICATE OF SURVEYOR

BOOK 4290

General Land Office

I, Horace M. Muscott, Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of February, 1939, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed the west boundary and part of the subdivisional lines of T. 36 N., R. 13 W.

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

Glendale, California
Feb. 10, 1941

Horace M. Muscott
Surveyor
General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
Denver, Colorado, July 4, 1944

The foregoing field notes of the ~~survey of~~ resurvey of the ninth standard parallel N. along a portion of the south boundary of Township 37 North, Range 13 West, and survey of the west boundary and subdivisional lines of Township 36 N., Range 13 West, of the Gila and Salt River Meridian, in the State of Arizona, executed by Horace M. Muscott, Surveyor, Claude F. Warner, executed by Transitman, and Frank Moteh, Public Land Surveyor, under special instructions dated February 15, 1939, and assignment instructions dated April 11, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey and resurvey therein described, are hereby approved.

[Signature]
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.~~