

Book "F"

←679

BOOK 3866

FIELD NOTES

OF THE SURVEY OF THE

EAST Boundary

and

Subdivision Lines

of

Township 36 North, Range 1 East

Of the Gila and Salt River base and Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, U.S. Surveyor

and

Leroy R. Hanson, U.S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated May 11, 1927, issued by the District Cadastral Engineer to govern surveys included in Group No. 146 Arizona, which were approved by the Commissioner of the General Land Office, May 20, 1927, and Assignment Instructions dated April 21, 1928.

Survey commenced June 6, 1928

Survey completed June 26, 1928

3866

1A

BOOK 3866

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GOVERNMENT PRINTING OFFICE

————— Surveyed under this group.

————— Accepted surveys.

- - - - - Unsurveyed.

▒▒▒▒▒ Areas surveyed as per accepted plats on file.

Book "F"

Group 146 Arizona
Township 36 North, Range 1 East

DATE DIAGRAM
1928

9TH STANDARD PARALLEL NORTH
Surveyed in 1925 under Group No. 126

GILA & SALT RIVER MERIDIAN
Surveyed in 1922 under Group No. 121

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

Surveyed under this group. Notes + Dates in Book "A"

Surveyed by Benj. J. Kinsey, U.S. Surveyor on dates shown thereon

Surveyed by Leroy R. Hanson, U.S. Transitman on dates shown thereon.

The surveys hereinafter described were executed on dates shown on diagram on page 1 hereof, by Benjamin J. Kinsey, U.S. Surveyor and Leroy R Hanson, U.S. Transitman, using Buff Transit No. 18000 and Young and Sons Transit No. 8477. The instruments are equipped with improved Smith solars and otherwise conform to the standard requirements of the General Land Office

The instruments were examined, tested on the true meridian at the Federal Building at Phoenix Arizona, found correct and were approved by the District Cadastral Engineer for Arizona and California, April 21, 1928., conditional upon satisfactory field tests. All azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris and the sun upon which to test the solar apparatus as stated in the field notes.

All measurements are made with Lallie 5-chain steel tapes compared with a Chesterman standard steel tape, and found correct. The measurements are made on the slope, the vertical angles determined with clinometers, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

PRELIMINARY FIELD TEST

of

Buff Transit No. 18000

by

Benjamin J. Kinsey U.S. Surveyor.

June 5, 1928. At camp near the $\frac{1}{4}$ sec. cor. of secs. 26 and 27, T36N., R1E. of the Gila and Salt River Base and Meridian, Arizona, approximate latitude $36^{\circ}29\frac{1}{2}'N.$ and longitude $112^{\circ}17'W.$; examine the adjustments of the instrument and find no errors, then to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m., and p.m. hours with a meridian established by observations on Polaris, proceed as follows;

At $2^h 43.8^m$ a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined by a tack in stake driven firmly in the ground 5 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}21'E.$

At $7^h 30^m$ a.m., lay off the azimuth of Polaris, $1^{\circ}21'$ to the west and mark the meridian thus determined by a tack driven in a stake set firmly in the ground about 5 chs. N.

June 6, 1928. At $9^h 00^m$ a.m., app. time., set off $36^{\circ}29\frac{1}{2}'N.$ on the lat. arc, $22^{\circ}41'N.$ on the decl. arc and determine a meridian with the solar which agrees with the meridian determined by the Polaris observations.

At apparent noon with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of $22^{\circ}42'N.$ on the decl. arc which is about $10''$ higher than the computed declination of the sun for this hour.

At 3^h00^m p.m., app. time with the lat arc unchanged set off 22°43' N. on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian established by the Polaris observations.

As all the observations made during the usual hours of solar work, define positions for meridians which agree within 1½' with the true meridian established by the Polaris observations, conclude that the instrument is in satisfactory adjustment.

PRELIMINARY FIELD TEST

of
Young and Sons Transit No. 8477
by
Leroy R Hanson, U.S. Transitman

June 5, 1928 .At camp near the ¼ sec. cor. of secs. 26 and 27, T36N., R1E., of the Gila and Salt River Base, and Meridian Arizona, on the same meridian described on page 2 hereof, examine the adjustments of the instrument and correct all errors, the, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m., and p.m. hours with the a meridian established by the Polaris observations, proceed as follows;

At 9^h00^m a.m., apparent time, set off 36°29½' N. on the lat. arc 22°35' N. on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon with the lat. arc unchanged, observe the sun on the meridian. the resulting reading on the decl. arc is 22°35½' N. which agrees closely with the computed declination of the sun.

At 3^h00^m p.m., app. time with the lat. arc unchanged, set off 22°36½' N. on the decl. arc and determine a meridian with the solar which also agrees with the true meridian, established by the Polaris observations.

As all the solar observations, made during the usual hours of solar work come within 1'30" of the true meridian established by the Polaris observations, conclude that the adjustments of the instrument are satisfactory.

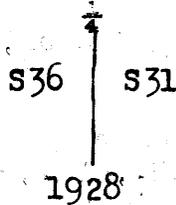
Survey of the East Bdy. of T.36 N., R.1 E.

Chains

From the cor. of Ts. 35 and 36 N., Rs. 1 and 2 E., described in Book "A" of this group.

North on true line bet. secs. 31 and 36. Over rolling mountainous land thru. heavy timber and brush undergrowth.

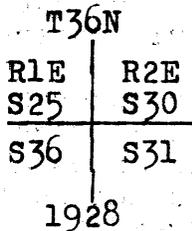
- 6.35 Ascend 90 ft. over SE. slope. Top of spur slopes E. Over spur.
- 8.85 Descend 17 ft. over N. slope.
- 12.20 Wash, near head, 1 ch. wide course NE. Asc. 7 ft. over S. slope.
- 21.83 Top of ridge bears E. and W. Descend 55 ft. over N. slope.
- 26.24 Wash course NE. Ascend 28 ft. over SE. slope.
- 32.70 Top of ridge bears NE. and SW. Over level land
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the ground for 1/4 sec. cor., marked on brass cap



from which

- A norway pine 8 ins. in diam. bears S53 1/2° E. 33 lks. dist., marked 1/4 S 31 BT.
- A norway pine 10 ins. in diam. bears S72° W. 27 lks. dist., marked 1/4 S 36 BT.

- 45.50 Descend 147 ft. over NW. slope.
- 52.73 Wash 20 lks. wide course NW. Ascend 87 ft. over SW. slope.
- 59.03 Top of spur bears SW. Descend 28 ft. over NW. slope.
- 62.50 Wash course SW. Ascend 70 ft. over SE. slope.
- 68.92 Top of ridge bears E. and W. Descend 110 ft. over NW. slope.
- 78.09 Draw 50 lks. wide course SW. Ascend S. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 30, 31, and 36 marked on brass cap



from which

- A spruce 14 ins. in diam. bears N27° E 50 lks. dist., marked T36N., R2E., S30 BT.
- A spruce 20 ins. in diam. bears S27 1/2° E. 55 lks. dist., marked T36N., R2E., S31 BT.
- A yellow pine 8 ins. in diam. bears S16° W 21 lks. dist., marked T36N., R1E., S36 BT.
- A spruce 12 ins. in diam. bears N62 1/2° W. 61 lks. dist., marked T36N., R1E., S25 BT.

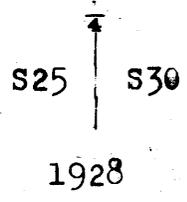
Land, mountainous.

Survey of the East Bdy. of T.36 N., R.1 E.

Chains

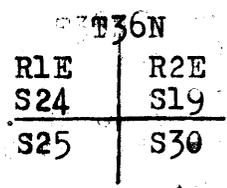
Soil gravelly loam 2 nd. rate.
 Timber,, pine fir, spruce, oak, and aspen.
 Undergrowth, juniper brush.

North on true line bet. secs. 25 and 30.
 Over rolling mountainous land, thru heavy timber and
 brush undergrowth.
 Ascend over S. slope.
 .50 Top of ascent in saddle bears E. and W.
 Descend 50 ft. over N. slope.
 2.70 Center of circular crater 7.00 chs. in diam.
 Ascend 201 ft. over SE. slope.
 16.00 Top of ridge bears E. and W., thence
 Over rolling land on ridge.
 29.00 Descend 34 ft. over NE. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

An aspen 6 ins. in diam. bears S46°E. 38 lks. dist.,
 marked $\frac{1}{4}$ S30 BT.
 An aspen 5 ins. in diam. bears S45°W. 34 lks. dist.,
 marked $\frac{1}{4}$ S25 BT.
 43.80 Old road bears NE. and SW.
 44.39 Draw 50 lks. wide course SW.
 Ascend 99 ft. over SW. slope
 64.50 Top of spur bears SW.
 Descend 5 ft. over NW. slope.
 66.00 Head of draw course SW.
 Ascend 24 ft. over S slope.
 72.00 Top of spur bears W.
 Descend 2 ft. over W. end of spur.
 76.20 Draw 20 lks. wide course NW.
 Ascend 2 ft. over W. end of spur.
 79.00 Top of spur slopes W.
 Descend 2 ft. over NW. slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 19, 24, 25, and 30.
 marked on brass cap.



1928

from which

An aspen 10 ins. in diam. bears N27°E. 29 lks. dist.,
 marked T36N., R2E., S19 BT.
 A yellow pine 12 ins. in diam. bears S53°E. 16 lks. dist.
 marked T36N., R2E., S30 BT.

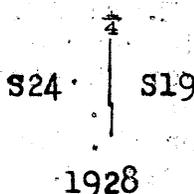
Survey of the East Bdy. of T.36 N., R.1 E.

Chains

A spruce 14 ins. in diam. bears $S35\frac{1}{2}^{\circ}W$. 56 lks. dist.,
marked T36N., R1E., S25 BT.
A spruce 10 ins. in diam. bears $N40\frac{1}{2}^{\circ}W$. 25 lks. dist.,
marked T36N., R1E. S24 BT

Land, rolling mountains
Soil, sandy loam 2 nd. and 3 rd. rate.
Timber, pine, oak, spruce, fir, and aspen.
Undergrowth, juniper brush.

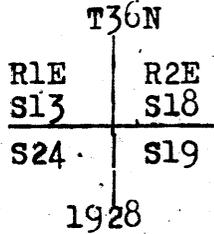
North on true line bet. sees. 19 and 24.
Over rolling mountainous land, thru heavy timber and
brush undergrowth.
Descend gradually over NW. slope.
.30 Draw 10 lks. wide course NW.
Ascend 86 ft. over SE. slope.
8.00 Top of spur bears SW.
Descend 59 ft. over NW. slope.
14.50 Foot of descent, thence
Over W. slope.
23.00 Descend 52 ft. over N. slope.
29.25 Draw 30 lks. wide course W.
Ascend 80 ft. over SW. slope.
34.50 Draw near head course SW.
Ascend over SE. slope
39.00 Top of ascent on S. edge of mesa bears E. and W.
Over level land on mesa.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



from which

A fir 30 ins. in diam. bears $S33\frac{1}{2}^{\circ}E$. 32 lks. dist.,
marked $\frac{1}{4}$ S19 BT.
An aspen 10 ins. in diam. bears $S74^{\circ}W$. 45 lks. dist.,
marked $\frac{1}{4}$ S 24 BT.
Continue over level mesa.
60.00 North edge of mesa bears NW. and SE.
Descend 42 ft. over NE. slope.
65.50 Draw 40 lks. wide course W.
Ascend 40 ft. over SW. slope.
72.00 Top of S. edge of mesa bears SE. and SW.
Over level land.
74.14 Intersect a red fir 36 ins. in diam. which mark for line
tree with two notches on opposite sides facing
the line.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 20 ins. in
the ground for cor. of sees. 13, 18, 19, and 24
marked on brass cap

Chains



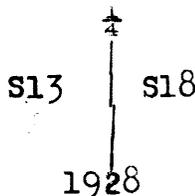
from which

- An aspen 10 ins. in diam. bears N62°E.55 lks. dist., marked T36N.,R2E.,S18 BT.
- A fir 6 ins. in diam. bears S75°E.54 lks. dist., marked T36N.,R2E.,S19 BT.
- An aspen 6 ins. in diam. bears S36°W.43 lks. dist., marked T36N.,R1E.,S24 BT.
- Afir 10 ins.in diam. bears N42½°W.78 lks. dist., marked T36N.,R1E.,S13 BT.

Land,level and rolling mountainous.
 Soil,sandy loam 2 nd. and 3 rd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

North on true line bet.secs.13 and 18.
 Over level sandy mesa land,thru heavy timber and brush undergrowth.

- 6.00 North edge of mesa bears NW. and SE.,Leave level land bears NW. and SE.,and enter rolling mountainous land.
- 14.19 Descend 117 ft. over NE. slope.
- 16.33 Wash 10 lks. wide course NE.
- 19.76 Leave wash
- 31.96 Ascend 56 ft. over SE. slope.
- 30.26 Top of spur slopes NE.
- 40.00 Descend 263 ft. over NW. slope.
- Wash 50 lks. wide in bottom of Ogner Canyon,course NW.
- Ascend 38 ft. over SE. slope.
- Top of spur slopes W.
- Descend
- Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor. ,marked on brass cap



from which

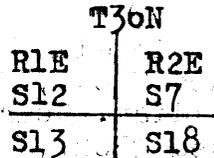
- A yellow pine 9 ins. in diam. bears S36°E.32 lks.dist., marked ¼ S18 BT.
- A yellow pine 12 ins. in diam. bears N20½°W.186 lks. dist. marked ¼ S13 BT.
- Ascend 67 ft. over SW. slope.
- 47.43 Top of ridge bears NW. and SE.
- 48.63 Descend 126 ft. over NE. slope.
- 56.60 Old crater 2.00 chs. in diam.on line.
- Wash 30 lks. wide course NW.
- Ascend 73 ft. over SW. slope.
- 63.59 Top of spur slopes NW.,leave mountainous land bears NW. and SE.

Survey of the East Bdy. of T.36 N., R.1 E.

Chains

77.59 Over level land.
Leave level land bears NW. and SE., Enter rolling mountainous land.

80.00 Descend 24 ft. over NE. slope to
Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 7, 12, 13, and 18., marked on brass cap



1928

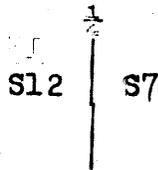
from which

- A yellow pine 12 ins. in diam. bears N67½°E. 22 lks. dist., marked T36N., R2E., S7 BT.
- An aspen 8 ins. in diam. bears S57°E. 20 lks. dist., marked T36N., R2E., S18 BT.
- An aspen 9 ins. in diam. bears S87°W. 62 lks. dist., marked T36N., R1E., S13 BT.
- A yellow pine 12 ins. in diam. bears N46°W. 83 lks. dist., marked T36N., R1E., S12 BT.

Land, level and mountainous.
Soil, sandy loam. 2nd. and 3 rd. rate.
Timber, pine, spruce, fir, and aspen.
Undergrowth, spruce, fir, and aspen brush.

North on true line bet. secs. 7 and 12.
Over rolling mountainous land, thru heavy timber and brush undergrowth.

- 5.42 Descend 58 ft. over NE. slope.
Draw 100 lks. wide course NW.
- 28.35 Ascend 74 ft. over SW. slope.
Top of ridge bears NW. and SE.
Leave mountainous land, bears NW. and SE.
Enter level land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap



1928

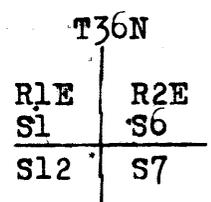
from which

- An aspen 10 ins. in diam. bears S67½°E. 40 lks. dist., marked ¼ S7 BT.
- An aspen 10 ins. in diam. bears S78½°W. 29 lks. dist., marked ¼ S12 BT.
- Leave level land bears NW. and SE. Enter rolling mountainous land.
- 50.64 Descend 68 ft. over NE. slope.
Wash 30 lks. wide course NW.
- 62.93 Ascend 18 ft. over SW. slope.
Top of spur bears NW.
Descend 19 ft. over NE. slope.

Survey of the East Bdy. of T.36 N., R.1 E.

Chains

- 66.32 Wash 20 lks. wide course NW.
Ascend 60 ft. over SW. slope.
- 74.88 Top of spur slopes NW.
Descend 24 ft. over NE. slope.
- 78.12 Wash 20 lks. wide course NW.
Ascend 9 ft. over SW. slope to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
the ground for cor. of secs. 1, 6, 7, and 12.,
marked on brass cap



1928

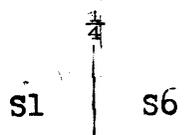
from which

- A yellow pine 14 ins. in diam. bears N62°E 76 lks. dist.,
marked T36N., R2E., S6 BT.
- A yellow pine 24 ins. in diam. bears S52½°E 85 lks. dist.
marked T36N., R2E., S7 BT.
- A yellow pine 12 ins. in diam. bears S40½°W. 60 lks. dist.,
marked T36N., R1E., S12 BT.
- A yellow pine 20 ins. in diam. bears N25°W. 45 lks. dist.,
marked T36N., R1 E., S1 BT.

Land, level and mountainous.
Soil, sandy loam, 2 nd. and 3 rd. rate.
Timber, pine, spruce, fir, and aspen.
Undergrowth, fir and spruce brush.

North on true line bet. secs. 1 and 6.
Over rolling mountainous land, thru heavy timber and
undergrowth.

- Ascend gradually over SW. slope.
- 4.20 Top of ridge bears NW. and SE.
Descend 44 ft. over NE. slope.
- 9.65 Wash 50 lks. wide course NW.
Ascend 10 ft. over SW. slope.
- 18.05 Top of ridge bears N. and SE. Leave mountainous land
Enter level land. on ridge.
- 32.05 Leave level land bears E. and W. Enter rolling mount-
ainous land.
Descend 67 ft. over N. slope.
- 39.25 Wash 10 lks. wide course NE.
Ascend 5 ft. over SE. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for ¼ sec. cor., marked on brass cap



1928

from which

Survey of the East Bdy. of T 36 N., R. 1 E.

Chains

An aspen 8 ins. in diam. bears N20³⁰°E. 49 lks. dist., marked $\frac{1}{4}$ S6 BT.
 An aspen 6 ins. in diam. bears N65°W. 18 lks. dist., marked $\frac{1}{4}$ S1 BT.
 42.70 Top of spur slopes NE.
 Descend 33 ft. over NE. slope.
 45.07 Bottom of old crater 4.00 chs. in diam.
 Ascend 52 ft.
 59.60 Top of spur slopes E.
 Descend 88 ft. over NE. slope.
 64.20 Draw 50 lks. wide course NW.
 Ascend 77 ft. over SW. slope.
 73.97 Top of spur slopes W.
 Descend 61 ft. over N. slope.
 80.38 Intersect the 9 th. Std. Par N., 200 lks. W. of the Std. cor. of Ts. 37 N., Rs. 1 and 2 E. which is an iron post 3 ins. in diam. 18 ins. above ground surrounded by a mound of stone, properly mkd. on brass cap, and witnessed by two bearing trees, one each NE. and NW. of cor.
 At this point of intersection, Set an iron post 3 ft. long 3 ins. in diam. 26 ins. in the ground for closing cor. of Ts. 36 N., Rs. 1 and 2 E., marked on brass cap

T37N R1E
 S36

 C C
 R1E R2E
 S1 S6
 T36N
 1928

from which

A spruce 14 ins. in diam. bears S52³⁰°E. 77 lks. dist., marked T36N., R2E., S6 CC BT.
 An aspen 8 ins. in diam. bears S16°W. 66 lks. dist., marked T36N., R1E., S1 CC BT.

Land, level and mountainous.
 Soil, sandy loam 2 nd. and 3 rd. rate.
 Timber, fir, spruce, pine, and aspen.
 Undergrowth, spruce and fir underbrush.

BOUNDARIES OF TOWNSHIP 36 NORTH., RANGE 1 EAST.

LATITUDES, DEPARTURES, AND CLOSING ERRORS

Line Designated	True bearing	Dist.	Latitudes		Departures	
			N	S	E	W
South boundary	S89°56'W	478.32		.55		478.32
West boundary (G.E.S.R. Meridian)	North	480.00	480.00			
North boundary (9th. Std. Par. N.)	East	478.00			478.00	
East boundary	South	480.38		480.38		
Convergency-----	-----	-----			.53	
Totals-----	-----	-----	480.00	480.93	478.53	478.32
				480.00	478.32	
	Error in lat.			0.93		
	Error in den.					0.21

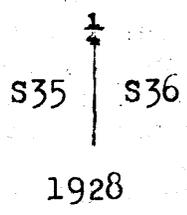
Survey of the Subdivision lines of T.30 N., R.1 E. BOOK 3860

Chains

From the cor. of secs. 1,2,35, and 36 on S.bdy. of Tp., described in Book "A" of this group.

N 0°1'W. bet. secs. 35 and 36.
Over rolling mountainous land on top of ridge bears NE. and SW. thru heavy timber and undergrowth.

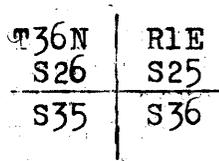
- 5.00 Descend 40 ft. over NW. slope.
- 15.08 Draw course NE.
- 20.00 Ascend 10 ft. over SE. slope.
Top of spur bears NE.
- 24.42 Descend 45 ft. over NW. slope
- 24.50 Draw 50 lks. wide course NE.
- 25.00 Old road in draw bears NW. and E.
- 37.50 Ascend 98 ft. over S. slope.
Top of spur bears SW.
- 40.00 Descend 213 ft. over NW. slope.
Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bedrock, supported in a mound of stone for sec. cor., marked on brass cap



from which

A fir 8 ins. in diam. bears N59°E. 12 lks. dist., marked $\frac{1}{4}$ S 36 BT.
 A spruce 10 ins. in diam. bears S71°W. 56 lks. dist., marked $\frac{1}{4}$ S35 BT.

- 48.81 Draw 100 lks. wide course W.
- 49.80 Leave draw
- 56.68 Ascend 205 ft. over S. slope.
Top of spur slopes SW.
- 57.00 Descend 26 ft. over NW. slope.
- 67.36 Top of spur slopes NW.
Descend 76 ft. over N. slope.
- 70.86 Wash 10 lks. wide course W.
- 79.50 Ascend 149 ft. over S. slope.
Top of ridge bears NW. and SE.
Enter level land.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35, and 36 marked on brass cap



1928

from which

- A yellow pine 18 ins. in diam. bears N51 $\frac{1}{2}$ °E. 52 lks. dist. marked T36N., R1E., S25 BT.
- A yellow pine 8 ins. in diam. bears S41 $\frac{1}{4}$ °E. 28 lks. dist., marked T36N., R1E., S36 BT.
- A yellow pine 18 ins. in diam. bears S66 $\frac{1}{4}$ °W. 44 lks. dist., marked T36N., R1E., S35 BT.
- A yellow pine 18 ins. in diam. bears N42 $\frac{1}{4}$ °W. 27 lks. dist. marked T36N., R1E., S26 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

Land, mountainous.
Soil, gravelly loam 2 nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

40.00 N 89°56'E. on a random line bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.
80.14 Intersect the E. bdy. of Tp. 10 lks. N. of the cor. of secs.
25, 30, 31, and 36, hereinbefore described.

Thence
West on true line bet. secs. 25 and 36.
Over rolling mountainous land thru heavy timber and
brush undergrowth.

6.88 Ascend E. slope 50 ft.
Top of spur bears SE.
Descend 10 ft. over SW. slope.
11.28 Wash 10 lks. wide course SE.
Ascend 18 ft. over NE. slope.
15.36 Top of spur bears SW.
Over level land on spur.
16.76 Descend 77 ft. over W. slope.
20.78 Draw course SE.
Ascend 51 ft. over NE. slope.
26.29 Top of spur bears SE.
Descend 38 ft. over SW. slope.
29.76 Wash 10 lks. wide course SE.
Ascend 76 ft. over NE. slope.
37.84 Top of ridge bears NW. and SE.
A blazed trail bears NE. and SW.
Descend 169 ft. over SW. slope.
40.07 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass
cap

$\frac{1}{4}$ S 25
S 36

1928

from which

An aspen 6 ins. in diam. bears N53°E. 5 lks. dist.,
marked $\frac{1}{4}$ S25 BT.
A yellow pine 20 ins. in diam. bears S39 $\frac{1}{2}$ °E. 11 lks. dist.,
marked $\frac{1}{4}$ S36 BT.

60.86 Wash 10 lks. wide course NW.
Ascend 76 ft. over NE. slope.
67.64 Top of ridge bears NW. and SE.
Descend 21 ft. over SW. slope to
80.14 The cor. of secs. 25, 26, 35, and 36.

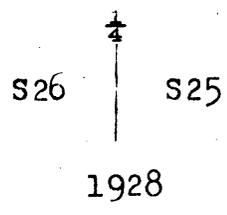
Land, rolling mountains
Soil, gravelly loam. 2 nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N 0°1'W. bet. secs. 25 and 26.
Over rolling mountainous land, thru heavy timber and
brush undergrowth.

Survey of the Subdivision lines of T.36 N.,R.1 E.

Chains

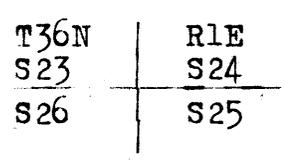
2.50 Descend 194 ft. over NE. slope.
 14.40 Wash 20 lks. wide course NW.
 Ascend 42 ft. over SW. slope.
 22.55 Top of spur slopes NW.
 Descend 112 ft. over NW. slope.
 27.25 Draw 50 lks. wide course SW.
 Ascend 311 ft. over SE. slope.
 38.16 Top of spur bears SW.
 Enter nearly level land. bears NE. and SW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in the
 ground to bedrock, supported in a mound of
 stone for 1/4 sec. cor., marked on brass cap



from which

A yellow pine 14 ins. in diam. bears N18°E. 50 lks. dist.,
 marked 1/4 S.25 BT.
 A yellow pine 24 ins. in diam. bears N50 1/2°W. 65 lks. dist.,
 marked 1/4 S26 BT.

42.00 Ascend 50 ft. over S. slope.
 50.00 Top of spur slopes NW.
 51.95 Descend 75 ft. over NW. slope.
 57.28 Wash 20 lks. wide course SW.
 Ascend 91 ft. over SE. slope.
 65.20 Top of ridge bears NE. and SW.
 Over level land
 67.20 Descend 29 ft. over NW. slope. to
 69.67 Top of spur slopes N.
 Over rolling land on spur.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
 the ground for cor. of secs. 23, 24, 25, and 26,
 marked on brass cap



1928

from which,

A yellow pine 20 ins. in diam. bears N53°E. 47 lks. dist.,
 marked T36N., R1E. S24 BT.
 A yellow pine 14 ins. in diam. bears S39°E. 19 lks. dist.,
 marked T36N., R1E. S25 BT.
 A fir 16 ins. in diam. bears S43 3/4°W., 64 lks. dist.,
 marked T36N., R1E., S26 BT.
 Spruce 4 ins. in diam. bears N29 1/4°W. 25 lks. dist.,
 marked T36N., R1E., S23 BT.

Land, rolling mountainous.
 Soil, gravelly loam 2nd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

East 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 the Tp. at the cor. of secs.
 19, 24, 25, and 30., hereinbefore described.

Thence
 West on true line bet. secs. 24 and 25.
 Over rolling mountainous land, thru heavy timber and brush undergrowth.

2.56 Descend 40 ft. over NW. slope.
 Draw 10 lks. wide course NW.
 Ascend 108 ft. over NE. slope.

12.70 Top of ridge bears NW. and SE. .
 Enter nearly level land.

15.20 Descend 129 ft. over SW. slope.
 36.54 Wash 20 lks. wide course SW.
 Ascend 25 ft. over SE. slope.

40.00 Top of spur bears SW.
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S 24
 ———
 S 25

1928

from which

A yellow pine 24 ins. in diam. bears N23 $\frac{1}{2}$ °E. 64 lks. dist.
 marked $\frac{1}{4}$ S24 BT.
 An aspen 5 ins. in diam. bears S16 $\frac{1}{2}$ °E. 29 lks. dist.,
 marked $\frac{1}{4}$ S25 BT.

49.38 Descend 64 ft. over SW. slope.
 Draw 50 lks. wide course NW.
 Ascend 51 ft. over NE. slope.

51.04 Top of spur slopes N.
 Descend 10 ft. over W slope.

53.38 Wash 20 lks. wide course NE.
 Ascend 10 ft. over SE. slope.

58.82 Top of spur slopes NE.
 Descend 15 ft. over NW. slope.

61.62 Wash 10 lks. wide course NE.
 Ascend 95 ft. over SE. slope.

63.24 Top of spur bears N.
 Over level land.

66.21 Descend 71 ft. over W. slope.
 73.49 Wash 20 lks. wide course NW.
 Ascend 42 ft. over NE. slope.

77.54 Top of spur bears N.
 Over level land.

80.04 The cor. of secs. 23, 24, 25, and 26

Land, mountainous.
 Soil, gravelly loam 2 nd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

N 0°1'W. bet. secs. 23 and 24.
 Over rolling mountainous land, thru heavy timber and
 brush undergrowth.

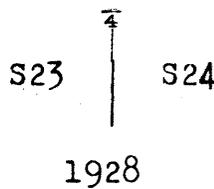
3.00 Descend 121 ft. over N. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

BOOK 3866

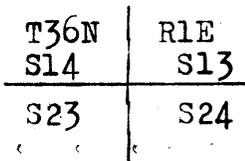
Chains.

- 9.73 Wash 20 lks. wide course NW.
Ascend 10 ft. over SW. slope.
- 13.83 Top of spur slopes NW.
Descend 10 ft. over NW. slope.
- 15.02 Wash course SW.
Ascend 116 ft. over SE. slope.
- 22.64 Top of ridge bears NE. and SW.
Over level land.
- 27.64 Descend 117 ft. over NW. slope.
- 39.67 Wash 50 lks. wide course W.
Ascend 28 ft. over S. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

- An aspen 10 ins. in diam. bears $S73\frac{1}{2}^{\circ}E$. 50 lks. dist.,
marked $\frac{1}{4}$ S24 BT.
- An aspen 8 ins. in diam. bears $S71\frac{1}{2}^{\circ}W$. 45 lks. dist.,
marked $\frac{1}{4}$ S23 BT.
- 47.43 Top of ridge bears E. and W.
Over level land
- 50.43 Descend 75 ft. over N. slope.
- 55.50 Wash 50 lks. wide course NW.
Ascend 58 ft. over SW. slope.
- 58.86 Top of spur slopes W.
Descend 8 ft. over N. slope.
- 61.41 Head of wash course SW.
Ascend 40 ft. over SE. slope.
- 70.82 Top of ridge bears E. and W.
Descend 29 ft. over N. slope to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 14 ins. in
the ground to bedrock, supported in a mound
of stone for cor. of secs. 13, 14, 23, and 24.,
marked on brass cap



1928

from which

- A fir 20 ins. in diam. bears $N72^{\circ}E$. 56 lks. dist.,
marked T36N., R1E., S13 BT.
- A spruce 8 ins. in diam. bears $S26\frac{1}{2}^{\circ}E$ 56 lks. dist.,
marked T36N., R1E., S24 BT.
- A fir 10 ins. in diam. bears $S44\frac{1}{2}^{\circ}W$. 46 lks. dist.,
marked T36N., R1E., S23 BT.
- A fir 15 ins. in diam. bears $N71^{\circ}W$. 50 lks. dist.,
marked T36N., R1E., S14 BT.

Land, mountainous.
Soil, gravelly loam 2nd. rate.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

East on a random line bet. secs. 13 and 24.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.16 Intersect E. bdy. of Tp. 21 lks. S. of the cor. of secs. 13, 18,
19, and 24., hereinbefore described.

Thence
S $89^{\circ}51'$ W. on true line bet. secs. 13 and 24.
Over rolling mountainous land, thru heavy timber and brush undergrowth.

14.26 Over nearly level land on top of ridge.
Descend 62 ft. over SW. slope.
28.22 Draw 100 lks. wide course NW.
Ascend 48 ft. over NE. slope.
36.14 Top of ascent
Over rolling land.
37.66 Top of spur slopes SE.
40.08 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1928

from which

A yellow pine 20 ins. in diam. bears N 25° W. 37 lks. dist.,
marked $\frac{1}{4}$ S13 BT.
A yellow pine 12 ins. in diam. bears S 12° W. 87 lks. dist.,
marked $\frac{1}{4}$ S24 BT.

46.76 Descend 154 ft. over SW. slope.
61.66 Foot of descent in wash 20 lks. wide course NW.
62.11 Leave wash
Ascend 14 ft. over NE. slope.
66.16 Top of spur bears NW.
Over level land.
66.51 Descend 52 ft. over SW. slope.
71.42 Foot of descent in draw 50 lks. wide course N.
71.92 Leave draw
Ascend 124 ft. over E. slope.
77.66 Top of ridge bears NW. and SE.
Over level land on ridge.
80.16 The cor. of secs. 13, 14, 23, and 24

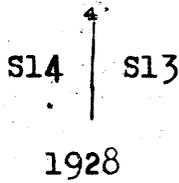
Land, mountainous.
Soil, sandy loam 2 nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N $0^{\circ}1'$ W. bet. secs. 13 and 14.
Over rolling mountainous land thru heavy timber and
brush undergrowth.
2.50 Descend 153 ft. over N. slope.
9.67 Wash 20 lks. wide course NW.
Ascend 55 ft. over SW. slope.
20.41 Top of ridge bears NW. and SE.

Survey of the Subdivision lines of T.36 N., R.1 E.

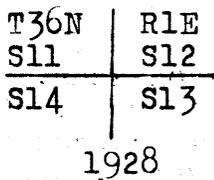
Chains

- 23.50 Descend 40 ft. over NE. slope.
Wash 10 lks. wide course NW.
- 29.34 Ascend 79 ft. over SW. slope.
Top of ridge bears NW. and SE.
Over level land on ridge.
- 32.33 Descend 39 ft. over N. slope.
- 34.30 Wash 30 lks. wide course NW.
Ascend 39 ft. over SW. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

- A yellow pine 30 ins. in diam. bears $S50\frac{1}{2}^{\circ}E$. 46 lks. dist.,
marked $\frac{1}{4}$ S13 BT.
- A yellow pine 20 ins. in diam. bears $N77\frac{1}{2}^{\circ}W$. 21 lks. dist.,
marked $\frac{1}{4}$ S14 BT.
- 44.50 Top of ridge bears NW. and SE.
Descend 83 ft. over NE. slope.
- 51.59 Draw 50 lks. wide course NW.
Ascend 58 ft. over SW. slope.
- 60.87 Top of ridge bears NW. and SE.
Descend 154 ft. over NE. slope.
- 75.61 Draw 30 lks. wide course NW.
- 79.60 Top of spur slopes SW.
Descend gradually over NW. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
the ground for cor. of secs. 11, 21, 13, and 14., markd.
on brass cap



from which

- An aspen 4 ins. in diam. bears $N21\frac{1}{2}^{\circ}E$. 26 lks. dist.
marked T36N., R1E., S12 BT.
- A yellow pine 14 ins. in diam. bears $S75^{\circ}E$. 66 lks. dist.,
marked T36N., R1E., S13 BT.
- A spruce 12 ins. in diam. bears $S57^{\circ}W$. 68 lks. dist.,
marked T36N., R1E., S14 BT.
- An aspen 5 ins. in diam. bears $N31\frac{1}{2}^{\circ}W$. 45 lks. dist.,
marked T36N., R1E., S11 BT.

Land, rolling mountainous.
Soil sandy loam. 2 nd. rate.
Timber, pine fir, spruce, and aspen.
Undergrowth, juniper brush.

N $89^{\circ}51'E$ on a random line bet. secs. 12 and 13.

Survey of the Subdivision lines of T.36 N., R. 1 E.

Chains

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect E. bdy. of Tp. 3 lks. N. of the cor. of secs. 7, 12, 13, and 18., hereinbefore described.
 Thence
 S89°52'W on true line bet. secs. 12 and 13.
 Over rolling mountainous land thru heavy timber and brush undergrowth on top of ridge.
 1.16 Descend 68 ft. over W. slope.
 12.16 Wash 20 lks. wide course SW.
 Thence over S. slope.
 20.88 Wash 10 lks. wide course S.
 Ascend 56 ft. over E. slope.
 25.55 Top of spur bears S.
 Enter level land bears N. and S.
 30.55 Leave level land bears N. and S.
 Descend 108 ft. over W. slope.
 35.11 A point from which a spring bears South 344 lks. dist.
 35.27 Wash 50 lks. wide in bottom of Ogner Canyon course NW.
 Ascend 97 ft. over NE. slope.
 40.08 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S12

S13

1928

from which

A spruce 8 ins. in diam. bears N77°E. 21 lks. dist., marked $\frac{1}{4}$ S12 BT.
 A spruce 8 ins. in diam. bears S41 $\frac{1}{2}$ °W. 25 lks. dist., marked $\frac{1}{4}$ S13 BT.
 40.50 Old cabin bears North 334 lks. dist.,
 41.21 A spring bears North 346 lks. dist.
 45.16 Top of spur slopes NW.
 Descend 16 ft. over SW. slope.
 47.06 Wash 10 lks. wide course NW.
 Ascend 48 ft. over NE. slope.
 51.08 Top of spur slopes NW.
 Over level land on spur.
 53.58 Descend 30 ft. over SW. slope.
 57.03 Draw 50 lks. wide course N.
 Ascend 82 ft. over E. slope.
 61.39 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.
 62.89 Leave level land bears NW. and SE.
 Descend 144 ft. over SW. slope to
 80.16 The cor. of secs. 11, 12, 13, and 14.

Land, mountainous.

Soil, sandy loam 2 nd. rate.

Timber, pine, fir, spruce, and aspen

Undergrowth, juniper brush.

N 0°1'W. bet. secs. 11 and 12.
 Over rolling mountainous land thru heavy timber and brush undergrowth.
 1.60 Wash 20 lks. wide course NE.
 Ascend 8 ft. over SE. slope.
 8.98 Top of spur slopes NE.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

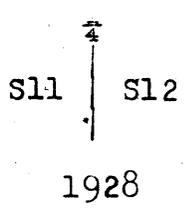
9.50 Descend 25 ft. over NE. slope.
Wash 20 lks. wide course NW.

17.82 Ascend 106 ft. over SW. slope.
Top of ridge bears NW. and SE.

25.30 Enter level land, bears NW. and SE.
Leave level land bears NW. and SE.

35.30 Descend 165 ft. over NE. slope.
Wash 50 lks. wide in bottom of Ogner Canyon, course NW.

40.00 Ascend 77 ft. over SW. slope. to
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

A yellow pine 8 ins. in diam. bears N82 $\frac{1}{2}$ °E. 07 lks. dist.,
marked $\frac{1}{4}$ S12 BT.

A yellow pine 10 ins. in diam. bears S87°W. 112 lks. dist.,
marked $\frac{1}{4}$ S11 BT.

46.30 Continue ascent 96 ft. over SW. slope.
Top of ridge bears NW. and SE.

49.80 Enter broken land bears NW. and SE.
Leave broken land bears NW. and SE.

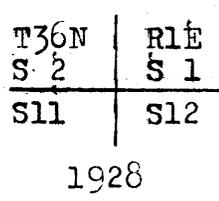
53.74 Descend 58 ft. over NE. slope.
Wash 20 lks. wide course NW.

61.72 Ascend 51 ft. over SW. slope.
Top of ridge bears NW. and SE.

64.72 Enter nearly level land, bears NW. and SE.
Leave nearly level land on ridge bears NW. and SE.

72.09 Descend 90 ft. over NE. slope.
Wash 50 lks. wide course NW.

80.00 Ascend 24 ft. over SW. slope. to
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 1, 2, 11, and 12.,
marked on brass cap



from which

A yellow pine 30 ins. in diam. bears N46°E. 65 lks. dist.,
marked T36N., R1E., S1 BT.

A yellow pine 8 ins. in diam. bears S14 $\frac{1}{2}$ °E. 26 lks. dist.,
marked T36 N., R1E., S12 BT.

A yellow pine 8 ins. in diam., bears S45°W. 37 lks. dist.,
marked T36N., R1E., S11 BT.

A yellow pine 12 ins. in diam. bears N38°W. 45 lks. dist.,
marked T36N., R1E., S2 BT.

Land, rolling mountains.
Soil, gravelly loam, 2 nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

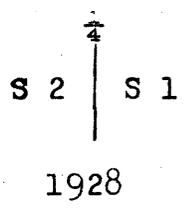
Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	N 89°52'E. on a random line bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect the E. bdy. of Tp. 5 lks. N. of the cor. of secs. 1, 6, 7, and 12. hereinbefore described.
	Thence
	S 89°54'W. on true line bet. secs. 1 and 12.
	Over rolling mountainous land on top of spur, thru heavy timber and undergrowth.
13.86	Leave rolling land bears NW. and SE.
	Descend 84 ft. over SW. slope.
18.92	Wash 50 lks. wide course NW.
	Ascend 40 ft. over NE. slope.
24.76	Top of spur bears NW.
	Enter nearly level land on spur.
26.76	Leave level land on spur bears NW. and SE.
	Descend 82 ft. over NW. slope.
40.08	Set an iron post 3 ft. long 1 in. in diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{S 1}{\frac{1}{4} S 12}$
	1928
	from which
	A yellow pine 18 ins. in diam. bears N 38 $\frac{1}{2}$ °E. 20 lks. dist., marked $\frac{1}{4}$ S1 BT.
	An aspen 16 ins. in diam. bears S 52 $\frac{1}{2}$ °E. 41 lks. dist., marked $\frac{1}{4}$ S12 BT.
40.26	Wash 50 lks. wide course SW.
	Ascend 5 ft. over SE. slope.
43.93	Top of spur bears SW.
	Descend 28 ft. over NW. slope.
45.13	Wash 50 lks. wide course NW.
	Ascend 49 ft. over NE. slope.
71.16	Top of ridge bears NW. and SE.
	Descend 21 ft. over SW. slope. to
80.16	The cor. of secs. 1, 2, 11, and 12.
	Land, rolling mountainous. Soil, gravelly loam 2 nd. rate. Timber, pine, fir, spruce, and aspen. Undergrowth, juniper brush.
	N 0°1'W. on true line bet. secs. 1 and 2.
	Over rolling mountainous land on top of ridge, thru heavy timber and brush undergrowth.
5.00	Descend 87 ft. over NE. slope.
8.95	Head of wash 20 lks. wide course NW.
	Ascend 10 ft. over SW. slope.
11.95	Top of spur slopes NW.
	Descend 11 ft. over NW. slope.
18.21	Wash 50 lks. wide course W.
19.42	Leave wash
	Ascend 42 ft. over S. slope.
22.83	Top of spur slopes SW.
	Over nearly level land on top of spur.
24.83	Descend 63 ft. over NW. slope.
31.90	Draw 50 lks. wide course SW.
33.29	Leave draw
	Ascend 138 ft. over SE. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

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



from which

A yellow pine 14 ins. in diam. bears N77 1/2° E., 77 lks. dist., marked 1/4 S1 BT.

A yellow pine 18 ins. in diam. bears N39° W. 62 lks. dist., marked 1/4 S2 BT.

42.98 Top of spur slopes SW.

Enter nearly level land, bears NE. and SW.

47.98 Leave nearly level land on top of spur. bears E. and W. Descend 86 ft. over NW. slope.

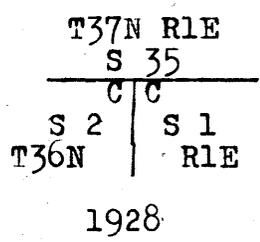
58.76 Draw 50 lks. wide course NW. Ascend 82 ft. over SW. slope.

66.80 Top of spur slopes NW. Descend 49 ft. over NE. slope.

72.23 Wash 50 lks. wide course W. Ascend 33 ft. over SW. slope to

80.46 Intersect the 9th. Std. Par. N. 218 lks. West of the Std. cor. of secs. 35 and 36, T37N., R1E., which is an iron post 2 ins. in diam. projecting 8 ins. above ground with brass cap properly marked, and witnessed by two bearing trees properly marked. one each NE., and NW. of cor.

At this point of intersection, Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for closing cor. of secs. 1 and 2., marked on brass cap



from which

A yellow pine 18 ins. in diam. bears S42 1/4° E. 52 lks. dist., marked T36N., R1E. S1 CC BT.

A yellow pine 8 ins. in diam. bears S40 1/2° W. 69 lks. dist., marked T36N., R1E., S2 CC BT.

Land, rolling mountainous.
Soil, gravelly loam. 2nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

From the cor. of secs. 2, 3, 34, and 35 on S. bdy. of Tp. described in Book "A" of this group.

N 0° 1' W. bet. secs. 34 and 35.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	
	Over rolling mountainous land thru heavy timber and undergrowth.
1.77	Intersect a yellow pine 30 ins. in diam. which mark for line tree with two notches on opposite sides facing the line.
4.00	Begin gradual descent over NE. slope.
7.00	Shallow draw course NW.
	Ascend gradually over SW. slope.
12.98	Intersect a yellow pine 16 ins. in diam. which mark for line tree with two notches on opposite sides facing the line.
13.00	Top of spur bears NW.
	Enter level land bears E. and W.
20.00	Leave level land bears NW. and SE.
	Descend 31 ft. over NE. slope.
24.40	Draw 50 lks. wide course W.
	Ascend 21 ft. over SW. slope.
27.00	Top of ridge bears E. and W.
	Enter level land bears E. and W.
28.19	Intersect an aspen 8 ins. in diam. which mark for line tree with two notches on opposite sides facing the line.
28.80	Highway from Bright Angel Point on North rim of the Grand Canyon to Jacob's Lake Ranger Station on U.S. Highway No. 89. bears E. and W.
29.70	Forest Service telephone line bears E. and W.
31.00	Leave level land on ridge bears E. and W.
	Descend 50 ft. over NE. slope.
33.50	Draw 20 lks. wide course NW.
	Ascend 14 ft. over SW. slope.
37.00	Top of ridge bears NW. and SE.
	Enter level land bears NW. and SE.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1928

from which

	A yellow pine 24 ins. in diam. bears S68°E 47 lks. dist., marked $\frac{1}{4}$ S35 BT.
	A yellow pine 30 ins. in diam. bears West 7 lks. dist., marked $\frac{1}{4}$ S34 BT.
51.00	Leave level land on top of ridge bears NW. and SE.
	Descend 112 ft. over NE. slope to spur.
72.00	Top of spur bears N20°E.
	Continue steep descent 135 ft. over NW. slope.
73.90	Wash 5 lks. wide course N. from S25°W.
76.00	Leave wash course NW.
	Ascend 140 ft. over SW. slope to
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 26, 27, 34, and 35., marked on brass cap

T36N	R1E
S27	S26
S34	S35

1928

from which

A yellow pine 10 ins. in diam. bears N83 $\frac{1}{2}$ °E. 55 lks. dist.

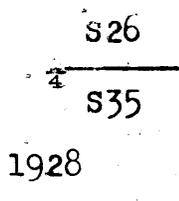
Survey of the Subdivision lines of T.36 N.,R.1 E.

Chains

marked T36N.,R1E.,S26 BT.
 A yellow pine 18 ins. in diam. bears S14½°E.22 lks. dist.,
 marked T36N.,R1E.,S35 BT.
 A white fir 24 ins. in diam. bears S58°W.,68 lks. dist.,
 marked T36N.,R1E.,S34 BT.
 A red fir 30 ins. in diam. bears N4°W. 85 lks. dist.,
 marked T36N.,R1E.,S27 BT.

Land,rolling mountainous.
 Soil,stonny 3 rd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

40.00 N 89°56'E on a random line bet. secs.26 and 35.
 Set temp.† sec. cor.
 80.12 Intersect N. and S. line 2 lks. N.of the cor. of secs.
 25,26,35,and 36.
 Thence
 S 89°57'W. on true line bet. secs. 26 and 35.
 Over rolling stony mountainous land thru heavy timber
 and brush undergrowth.
 Over rolling land along top of ridge.
 0.12 Leave rolling land bears NW. and SE.
 Descend 254 ft. over SW. slope to
 25.52 Top of spur bears S20°W.
 Continue descent 154 ft. over W. slope
 33.00 Bottom of Lookout Canyon bears NW. and SE.
 33.12 Wash in bottom of canyon course NW.
 Ascend 304 ft. over NE. slope.
 40.06 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in
 the ground for † sec. cor.,marked on brass cap



from which

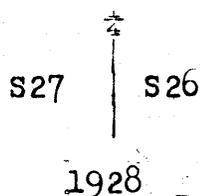
An aspen 6 ins. in diam. bears N69½°E.35 lks. dist.,
 marked † S26 BT.
 A yellow pine.14 ins. in diam..bears S4°E.62 lks. dist.,
 marked † S35 BT.
 42.62 Top of ridge bears NW. and SE.
 Descend 365 ft. over SW. slope.
 58.97 Old wagon road bears NW. and SE.
 59.02 Bottom of Pratt Canyon bears NW. and SE.
 Wash 50 lks. wide course NW.in canyon.
 Ascend 95 ft. over NE. slope.
 72.12 Top of spur bears NW.
 Descend 105 ft. over SW. slope.
 76.32 Ravine 20 lks. wide course NW.
 Ascend 68 ft. over NE. slope.
 79.52 Top of spur bears NW.
 Descend 7 ft. over SW. slope.to
 80.12 The cor. of secs.26,27,34,and 35.

Land,rolling mountainous.
 Soil,stonny 3 rd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

Survey of the Subdivision lines of T.36 N., R.1 E.

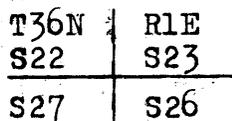
Chains

- N 0°1'W. bet. secs.26 and 27.
Over rolling stony mountainous land thru heavy timber
and undergrowth.
Descend 109 ft. over NW. slope.
10.00 Wash 5 lks. wide course NE.
Ascend over SE. slope.
12.00 Top of spur bears NE.
Descend 147 ft. over NW. slope
15.00 Bottom of Pratt Canyon bears NW. and SE.
15.50 Wash in canyon 100 lks. wide course NW.
Ascend 147 ft. over SW. slope
15.60 Old wagon road bears NW. and SE.
16.48 Intersect a yellow pine 10 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.
27.80 Top of ridge bears NW. and SE.
Descend 185 ft. over NE. slope.
35.00 Bottom of Lookout Canyon bears E. and W.
35.65 Wash course W. in bottom of canyon.
Ascend 98 ft. over SW. slope. to
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

- A yellow pine 30 ins. in diam. bears S79°E. 89 lks. dist.,
marked $\frac{1}{4}$ S26 BT.
A yellow pine 36 ins. in diam. bears N83 $\frac{1}{2}$ °W. 103 lks. dist.,
marked $\frac{1}{4}$ S27 BT.
Continue ascent 428 ft. over SW. slope.
53.30 Top of spur bears SW.
Descend 46 ft. over NW. slope.
55.00 Head of draw course W.
Ascend 57 ft. over S. slope.
67.00 Top of ridge bears E. and W.
Enter level land
77.66 Intersect a yellow pine 36 ins. in diam., which mark for
line tree with two notches on N. and S sides
facing the line.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 22, 23, 26, and 27.,
marked on brass cap



1928

from which

- An aspen 24 ins. in diam. bears N61 $\frac{1}{2}$ °E. 44 lks. dist.,
marked T36N., R1E., S23 BT.
A yellow pine 16 ins. in diam. bears S5°E. 21 lks. dist.,
marked T36N., R1E., S26 BT.
An aspen 12 ins. in diam. bears S63°W. 36 lks. dist.,
marked T36N., R1E., S27 BT.
A yellow pine 12 ins. in diam. bears N29°W. 38 lks. dist.,
marked T36N., R1E., S22 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

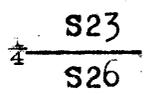
Chains

Land, mountainous.
Soil, stony 3 rd. rate.
Timber, pine, aspen, fir, and spruce
Undergrowth, juniper brush.

N 89°57'E. on a random line bet. secs. 23 and 26.
40.00 Set temp. 1/4 sec. cor.
80.08 Intersect N. and S. line 8 lks. N. of the cor. of secs.
23, 24, 25, and 26.

Thence
West on true line bet. secs. 23 and 26.
Over rolling stony mountainous land thru heavy timber and
brush undergrowth.

6.98 Descend 104 ft. over NW. slope.
Draw 30 lks. wide course N.
Ascend 79 ft. over NE. slope.
12.08 Top of spur bears NW.
Enter level land, bears NW. and SE.
15.08 Leave level land on top of spur bears NW. and SE.
Descend 68 ft. over SW. slope.
34.08 A point 100 lks. N. of bend in draw from SE. to SW.
Continue descent along S. slope.
40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap



1928

from which

A yellow pine 24 ins. in diam. bears N87°E. 49 lks. dist.,
marked 1/4 S23 BT.
A yellow pine 13 ins. in diam. bears S34 1/4°E. 44 lks. dist.,
marked 1/4 S26 BT.

42.00 Point of spur slopes SW.
Descend 63 ft. over W. slope.
53.68 Center of draw 200 lks. wide course N.
Ascend 52 ft. over E. slope.
65.08 Top of ridge bears NW. and SE.
Enter level land, bears NE. and SW.
80.08 The cor. of secs. 22, 23, 26, and 27.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N 0°1'W. bet. secs. 22 and 23
Over rolling mountainous land thru heavy timber and brush
undergrowth.
Over level land on top of ridge.
1.00 Leave level land bears NE. and SW.
Descend 63 ft. over steep NW. slope.
6.40 Draw 10 lks. wide course SW.
Ascend 40 ft. over S. slope.
11.00 Top of ridge bears E. and W.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

- 17.00 Enter level land, bears E. and W.
Leave level land on ridge bears E. and W.
Descend 80 ft. over N. slope.
- 23.50 Draw 100 lks. wide, course NW.
Ascend 23 ft. over SW. slope.
- 30.00 Top of spur bears W.
Descend 45 ft. over NW. slope.
- 37.10 Wash 25 lks. wide course W. in South Fork of Lost
Canyon.
Ascend 60 ft. over SW. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 25 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S22		S23
	↑	

1928

from which

- A yellow pine 12 ins. in diam. bears S16°E. 32 lks. dist.
marked $\frac{1}{4}$ S23 BT.
- An aspen 12 ins. in diam. bears N38°W. 21 lks. dist.,
marked $\frac{1}{4}$ S22 BT.
- 46.50 Top of spur 500 lks. wide bears NW.
Descend 146 ft. over NE. slope.
- 48.00 Intersect a fir 36 ins. in diam. which mark for line tree
with two notches on opposite sides facing the
line.
- 58.75 Wash 100 lks. wide, in Lost Canyon, course NW.
Ascend SW. slope 118 ft..
- 64.67 Intersect a yellow pine 36 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.
- 73.00 Top of ridge bears NW. and SE.
Enter nearly level land bears NW. and SE.
- 78.00 Leave level land bears NE. and SW.
Descend 18 ft. over NW. slope.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 14, 15, 22, and 23
marked on brass cap

T36N		R1E
S15		S14
S22		S23

1928

from which

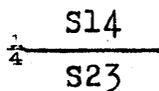
- A fir 36 ins. in diam. bears N67 $\frac{1}{4}$ °E. 48 lks. dist.,
marked T36N., R1E., S14 BT.
- A yellow pine 30 ins. in diam. bears S54 $\frac{1}{2}$ °E. 15 lks. dist.,
marked T36N., R1E., S23 BT.
- A yellow pine 18 ins. in diam. bears S40°W. 27 lks. dist.,
marked T36N., R1E., S22 BT.
- A fir 18 ins. in diam. bears N79°W. 99 lks. dist.,
marked T36N., R1E., S15 BT.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N.,R.1 E.

Chains

East on a random line bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect N. and S. line 12 lks. S. of the cor. of secs.
 13,14,23,and 24.
 Thence
 S 89°55'W. on true line bet. secs. 14 and 23.
 Over rolling stony mountainous land thru heavy timber
 and brush undergrowth.
 Over nearly level land on top of ridge.
 7.18 Leave nearly level land bears NW. and SE.
 Descend 52 ft. over SW. slope.
 14.78 Draw 10 lks. wide course NW.
 Ascend gradually over N. slope.
 22.68 Top of ridge bears NW. and SE.
 Enter level land.
 27.18 Intersect a fir 48 ins. in diam.,which mark for line
 tree,with two notches on opposite sides facing
 the line.
 32.18 Leave level land bears NW. and SE.
 Descend 69 ft. over SW. slope.
 36.28 Draw 40 lks. wide course NW.
 Ascend 55 ft. over NE. slope.
 40.09 Set an iron post 3 ft. long,1 in. in diam.26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap



1928

from which

A fir 14 ins. in diam. bears N1°E.26 lks. dist.,
 marked $\frac{1}{4}$ S14 BT.
 An aspen 14 ins. in diam. bears S12°W.17 lks. dist.,
 marked $\frac{1}{4}$ S23 BT.
 44.68 Top of spur bears NW.
 Enter level land bears NW. and SE.
 49.68 Leave level land bears NW. and SE.
 Descend 57 ft. over SW. slope.
 55.98 Draw 40 lks. wide course NW.
 Ascend 14 ft. over NE. slope.
 58.18 Top of spur bears NW.
 Enter level land bears NW. and SE.
 63.18 Leave level land bears N.W. and SE.
 Descend 57 ft. over SW. slope.
 67.68 Draw 20 lks. wide course NW.
 Ascend 55 ft. over NE. slope
 75.18 Top of spur 1 chain wide bears NW.
 Descend gradually 11 ft. over SW. slope
 75.44 Intersect a fir 36 ins. in diam.,which mark for line tree
 with two notches on opposite sides facing the
 line.
 80.18 The cor. of secs. 14,15,22,and 23.

Land,rolling mountainous.
 Soil,stony loam 3 rd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

N 0°1'W. bet. secs.14 and 15.
 Over rolling stony mountainous land,thru heavy timber

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

- and undergrowth.
 Descend 32 ft. over NE. slope.
 1.94 Wash 20 lks. wide near head course W..
 Ascend 36 ft. over SW. slope.
 5.39 Top of ridge bears NW. and SE.
 Enter level land, bears NW. and SE.
 8.39 Leave level land on top of ridge bears NW. and SE.
 Descend 105 ft. over NE. slope.
 19.44 Wash 50 lks. wide course NW.
 Ascend gradually over SW. slope.
 29.75 Top of rocky spur bears NW.
 Descend 27 ft. over NE. slope.
 33.80 Draw 100 lks. wide course NW.
 Ascend 21 ft. over SW. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in.
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S15 | S14
 |
 1928

from which

- An aspen 10 ins. in diam. bears N66 $\frac{1}{2}$ °E. 25 lks. dist.,
 marked $\frac{1}{4}$ S14 BT.
 An aspen 14 ins. in diam. bears S34 $\frac{1}{2}$ °W. 28 lks. dist.
 marked $\frac{1}{4}$ S15 BT.
 41.00 Top of spur slopes NW.
 Continue along W. slope of ridge.
 54.00 Top of ridge bears NW. and SE.
 Descend 100 ft. over NE. slope.
 62.32 Draw 50 lks. wide course NW.
 Ascend 44 ft. over SW. slope.
 67.74 Top of spur slopes NW.
 Descend 36 ft. over NE. slope.
 69.77 Wash 50 lks. wide, in Lost Canyon, course NW.
 72.74 Ascend 81 ft.
 79.50 Head of ravine course SE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
 the ground for cor. of secs. 10, 11, 14, and 15.,
 marked on brass cap

T36N	R1E
S10	S11
S15	S14

1928

from which

- A yellow pine 10 ins. in diam. bears N37 $\frac{1}{2}$ °E. 34 lks. dist.,
 marked T36N., R1E., S11 BT.
 A yellow pine 14 ins. in diam. bears S5 $\frac{1}{2}$ °E. 49 lks. dist.,
 marked T36N., R1E., S14 BT.
 A yellow pine 16 ins. in diam. bears S17 $\frac{1}{2}$ °W. 34 lks. dist.,
 marked T36N., R1E., S15 BT.
 A yellow pine 48 ins. in diam. bears N45 $\frac{1}{2}$ °W. 83 lks. dist.,
 marked T36N., R1E., S10 BT.

Land, rolling mountainous.
 Soil, stony loam 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

EOCK 3888

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

N 89°55'E. on a random line bet. secs.11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.22 Intersect N. and S. line 5 lks. N. of the cor. of secs.
 11,12,13,and 14.

Thence
 S 89°57'W. on true line bet. secs. 11 and 14.
 Over rolling mountainous land thru heavy timber and
 brush undergrowth.

.37 Descend 13 ft. over NW. slope.
 Wash 20 lks. wide course NW.

8.93 Ascend 145 ft. over NE. slope.
 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.

14.42 Leave level land bears NE. and SW.
 Descend 82 ft. over NW. slope.

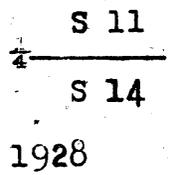
16.42 Top of spur slopes SW.

25.22 Wash 10 lks. wide course N.
 Ascend 52 ft. over NE. slope.

30.95 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.

35.22 Leave level land on top of ridge bears NW. and SE.
 Descend 104 ft. over SW. slope.

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



from which

A yellow pine 6 ins. in diam. bears N2 $\frac{1}{4}$ °W.24 lks.dist.,
 marked $\frac{1}{4}$ S11 BT.
 A yellow pine 8 ins. in diam. bears S34 $\frac{1}{4}$ °W.21 lks. dist.,
 marked $\frac{1}{4}$ S14 BT.

50.00 Draw 50 lks. wide course NW.
 Ascend gradually over NE. slope.

58.40 Top of spur slopes NW.
 Descend 89 ft. over NW. slope

66.77 Wash 20 lks. wide course SW.
 Ascend 39 ft. over SE. slope.

67.75 Top of spur bears S.
 Descend 10 ft. over W. slope.

71.62 Wash 10 lks. wide course S.
 Ascend 10 ft. over E. slope.

75.22 Top of spur slopes S.
 Descend over SW.slope to

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

Land,rolling mountainous.
 Soil,gravelly loam 2 nd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

N 0°1'W. bet. secs. 10 and 11.
 Over rolling mountainous land,thru heavy timber and
 undergrowth.

4.94 Ascend 52 ft. over SE. slope.
 Top of ridge bears NE. and SW.

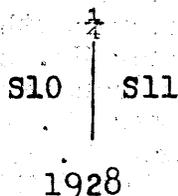
11.42 Descend 30 ft. over NW.slope
 Bottom of descent.

20.42 Continue along W.slope
 Ascend 23 ft. over SW. slope

Survey of the Subdivision lines of T.36 N., R.1 E.

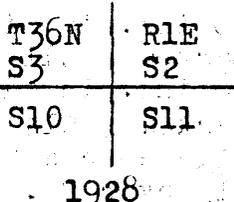
Chains

25.41 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



from which

A yellow pine 14 ins. in diam. bears $S68\frac{1}{2}^{\circ}E$. 28 lks. dist., marked $\frac{1}{4}$ S11 BT.
 A yellow pine 8 ins. in diam. bears $S30\frac{1}{2}^{\circ}W$. 31 lks. dist., marked $\frac{1}{4}$ S10 BT.
 48.00 Leave level land on top of spur bears NW. and SE. Descend 200 ft. over NE. slope.
 56.91 Old crater 300 lks. in diam. 100 ft. deep on line.
 58.39 Enter Ogner Canyon bears NW. and SE.
 60.79 Wash 10 lks. wide course NE.
 64.14 Wash 50 lks. wide in bottom of Ogner Canyon course NW. Pack trail bears NW. and SE. Ascend 159 ft. over SW. slope. to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 10, and 11., marked on brass cap



from which

An aspen 8 ins. in diam. bears $N67^{\circ}E$. 31 lks. dist., marked T36N., R1E., S2 BT.
 An aspen 10 ins. in diam. bears $S41\frac{1}{2}^{\circ}E$. 13 lks. dist., marked T36N., R1E., S11 BT.
 A yellow pine 6 ins. in diam. bears $S17^{\circ}W$. 28 lks. dist., marked T36N., R1E., S10 BT.
 A yellow pine 14 ins. in diam. bears $N38\frac{1}{2}^{\circ}W$. 128 lks. dist., marked T36N., R1E., S3 BT.

Land, rolling mountainous.
 Soil, gravelly loam 2 nd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

40.00 N $89^{\circ}57'E$. on a random line bet. secs. 2 and 11
 Set temp. $\frac{1}{4}$ sec. cor.
 80.26 Intersect N. and S. line 8 lks. N. of the cor. of secs. 1, 2, 11, and 12.
 Thence
 West on true line bet. secs. 2 and 11.
 Over rolling mountainous land thru heavy timber and brush undergrowth.

5000

Survey of the Subdivision lines of T.36 N., R 1 E.

Chains

19.70 Descend 100 ft. over SW. slope
Wash 50 lks. wide course NW.
Ascend 17 ft. over NE. slope.

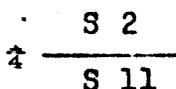
23.41 Point of spur slopes NE.
Descend 15 ft. over W. slope.

25.60 Wash 20 lks. wide course NE.
Ascend 80 ft. over SE. slope

29.39 Top of spur slopes NE.
Continue ascent 10 ft. over E. slope

38.26 Top of ridge bears NW. and SE.
Enter level land bears NW. and SE.

40.13 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap



1928

from which

A yellow pine 14 ins. in diam. bears N2 $\frac{1}{2}$ °W. 17 lks. dist.,
marked $\frac{1}{4}$ S2 BT.

A yellow pine 12 ins. in diam. bears S26°E. 19 lks. dist.,
marked $\frac{1}{4}$ S11 BT.

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

Land, level and rolling mountainous.
Soil, gravelly loam 2 nd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N 0°1'W. on true line bet. secs. 2 and 3.
Over rolling mountainous land, thru heavy timber and
undergrowth.

5.00 Ascend gradually over SW. slope.
Top of ridge bears NW. and SE.
Enter level land bears NW. and SE.

20.00 End of spur slopes NW.
Leave level land bears NW. and SE.
Enter rolling land.

23.50 Descend 36 ft. over NE. slope.

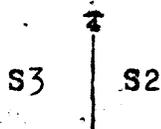
29.67 Wash 50 lks. wide course NW.

31.98 Ascend 45 ft. over SW. slope

36.96 Top of spur slopes NW.
Descend 26 ft. over N. slope.

39.80 Wash 25 lks. wide course W.
Ascend 110 ft. over S. slope.

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



1928

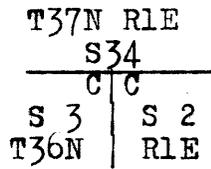
from which

A yellow pine 16 ins. in diam. bears S70°E. 26 lks. dist.,
marked $\frac{1}{4}$ S32 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

A yellow pine 12 ins. in diam. bears S74 $\frac{1}{2}$ °W. 20 lks. dist., marked $\frac{1}{2}$ S3 BT.
 49.91 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.
 54.91 Leave level land on top of ridge bears NW. and SE.
 Descend 136 ft. over NE. slope along top of spur bears N.
 79.18 Wash 20 lks. wide course NW.
 80.48 Intersect the 9th. Std. Par. N., 237 lks. West of the Std. cor. of secs. 34 and 35, T37N., R1E., which is an iron post 2 ins. in diam. projecting 12 ins. above ground with brass cap properly marked, and witnessed by two bearing trees properly marked, one each NE. and NW. of cor.
 At this point of intersection, Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 2 and 3. marked on brass cap



1928

from which

An aspen 10 ins. in diam. bears S44 $\frac{1}{4}$ °E. 10 lks. dist., marked T36N., R1E., S2 CC BT.
 An aspen 14 ins. in diam. bears S71 $\frac{1}{2}$ °W. 81 lks. dist., marked T36N., R1E., S3 CC BT.

Land, level and rolling mountainous.
 Soil, gravelly loam, 2nd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

From the cor. of secs. 3, 4, 33, and 34. on S. bdy. of Tp. described in Book "A" of this group

N 0°2'W. bet. secs. 33 and 34.
 Over rolling stony mountainous land, thru heavy timber and brush undergrowth.
 Descend 76 ft. over NW. slope.
 6.40 Draw 30 lks. wide course NW.
 Ascend 4 ft. over SW. slope.
 13.00 Top of spur bears NW.
 Descend 40 ft. over NE. slope.
 18.25 Draw 100 lks. wide course W.
 Ascend 64 ft. over SW. slope.
 29.00 Top of spur bears NW.
 Descend 47 ft. over NE. slope.
 32.70 Draw near head course NW.
 Ascend over SW. slope
 40.00 Top of spur bears W.
 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{2}$ sec. cor., marked on brass cap



1928

BOOK 8868

Survey of the Subdivision lines of T.36 N.,R.1 E.

Chains

from which

A yellow pine 30 ins. in diam. bears N83°E. 75 lks. dist. marked $\frac{1}{4}$ S34 BT.

A yellow pine 10 ins. in diam. bears S87°W. 45 lks. dist., marked $\frac{1}{4}$ S33 BT.

Descend 47 ft. over NW. slope.

45.30 Draw 20 lks. wide course SW.

Ascend 52 ft. over SW. slope to

55.00 Top of ascent.

Thence along W. slope to

60.00 Descend 92 ft. over NW. slope.

63.50 Old crater 100 ft. wide 10 ft. deep on line.

70.80 Draw 10 lks. wide course SW.

Ascend 57 ft. over SE. slope.

77.00 Top of spur bears SW.

Descend 34 ft. over NW. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33, and 34 marked on brass cap

T36N	R1E.
S28	S27
S33	S34

1928

from which

An aspen 10 ins. in diam. bears N67°E. 41 lks. dist., marked T36N., R1E., S27 BT.

An aspen 12 ins. in diam. bears S49 $\frac{1}{4}$ °E. 20 lks. dist., marked T36N., R1E., S34 BT.

A fir 14 ins. in diam. bears S15°W. 26 lks. dist., marked T36N., R1E., S33 BT.

A white fir 10 ins. in diam. bears N45 $\frac{1}{4}$ °W. 17 lks. dist., marked T36N., R1E., S28 BT.

Land, rolling mountainous.
 Soil, stony 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

40.00 N 89°56'E. on a random line bet. secs. 27 and 34.
 Set temp. sec. cor.

80.00 Intersect N. and S. line 10 lks. N. of the cor. of secs. 26, 27, 34, and 35.

Thence
 West on true line bet. secs. 27 and 34.
 Over rolling mountainous land thru heavy timber and undergrowth.

1.10 Descend 25 ft. over W slope
 Draw 10 lks. wide course N.
 Ascend 101 ft. over NE. slope.

7.50 Top of spur bears N.
 Descend 56 ft. over W. slope.

13.20 Draw near head course N.
 Ascend 48 ft. over NE. slope.

18.00 Top of spur bears NW.
 Descend 111 ft. over SW. slope.

24.70 Draw 20 lks. wide course NW.
 Ascend 168 ft. over NE. slope.

34.00 Top of spur bears N.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	
	Descend 62 ft. over W. slope
34.34	Intersect a yellow pine 36 ins. in diam., which mark for line tree, with two notches on opposite sides facing the line.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\begin{array}{c} S 27 \\ \hline S 34 \end{array}$
	1928
	from which
	A yellow pine 24 ins. in diam. bears N26°W. 50 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A fir 6 ins. in diam. bears S81°E. 15 lks. dist., marked $\frac{1}{4}$ S34 BT.
41.10	Draw 20 lks. wide course N.
	Ascend 114 ft. over NE. slope.
50.00	Top of ridge bears NW. and SE.
	Enter level land.
52.30	Forest Service telephone line bears NW. and SE.
53.30	Highway from Bright Angel Point on North rim of the Grand Canyon to Jacob's Lake Ranger Station on U.S. Highway No. 89 bears NW. and SE.
68.50	Leave level land bears NE. and SW.
80.00	Descend 58 ft. over NW. slope to The cor. of secs. 27, 28, 33, and 34.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine fir, spruce, and aspen.
Undergrowth, juniper brush.

	N 0°2'W. bet. secs. 27 and 28.
	Over rolling mountainous land, thru heavy timber and brush undergrowth.
	Descend 22 ft. over NW. slope.
1.50	Draw near head course SW.
	Ascend 63 ft. over SW. slope.
7.00	Top of spur bears NW.
	Enter level land bears NW. and SE.
12.00	Descend 29 ft. over NE. slope.
13.60	Intersect a yellow pine 20 ins. in diam. which mark for line tree, with two notches on opposite sides facing the line.
15.00	Ridge turns from NW. to N.
16.60	Highway from Bright Angel Point on the North rim of the Grand Canyon to Jacob's Lake Ranger Station on U.S. Highway No. 89, bears NW. and SE.
18.68	Forest Service telephone line bears NW. and SE.
19.00	Enter level land
32.16	Intersect a yellow pine 36 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S 28 \quad | \quad S 27 \end{array}$$

1928

from which

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

A yellow pine 12 ins. in diam. bears S72°E.33 lks. dist.,
marked $\frac{1}{4}$ S27 BT.

A yellow pine 20 ins. in diam. bears S37°W.127 lks. dist.,
marked $\frac{1}{4}$ S28 BT.

53.00 Leave level land on top of ridge bears NE. and SW.
Descend over NE. slope.

58.00 Top of spur bears NE.
Continue descent 124 ft. over NW. slope.

65.50 Wash near head course NE.
Ascend gradually over SE. slope.

72.00 Point of spur slopes NE.
Descend 114 ft. over NW. slope.

77.00 Enter Lookout Canyon bears N and SE. thence in bottom
of canyon.

78.00 A point 10 lks. W. of bend in old road SE. to N.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the
ground for cor. of secs. 21, 22, 27, and 28.,
marked on brass cap

T36N	R1E
S21	S22
S28	S27

1928

from which

An aspen 14 ins. in diam. bears N72°E.217 lks. dist.,
marked T36N., R1E., S22 BT.

An aspen 12 ins. in diam. bears S10°E.182 lks. dist.,
marked T36N., R1E., S27 BT.

A yellow pine 36 ins. in diam. bears S46°W. 173 lks. dist.
marked T36N., R1E., S28 BT.

An aspen 8 ins. in diam. bears N17 $\frac{1}{2}$ °W.408 lks. dist.,
marked T36N., R1E., S21 BT.

Land, rolling mountainous.
Soil, stony loam 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

40.00 East on a random line bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.

80.28 Intersect N. and S. line 7 lks. S. of the cor. of secs.
22, 23, 26, and 27.

Thence
S 89°57'W on true line bet. secs. 22 and 27.
Over rolling mountainous land thru heavy timber and
undergrowth

1.77 Descend 10 ft. over NW. slope.
Head of draw course NW.

7.50 Ascend 27 ft. over NE. slope.
Top of spur bears NW.

14.55 Descend 117 ft. over SW. slope.
Wash 10 lks. wide course NW.

17.50 Ascend 47 ft. over NE. slope.
Top of spur bears NW.

19.20 Descend 19 ft. over SW. slope.
Head of draw course NW.

25.00 Ascend 76 ft. over NE. slope.
Top of spur bears NW.

33.15 Descend 214 ft. over SW. slope.
Draw 10 lks. wide course NW.
Ascend 61 ft. over NE. slope.

Survey of the Subdivision lines of T.36 N., R1E.

Chains

40.14 Set an iron post 3 ft. long, 1 in. in diam. 16 ins. in the ground to bedrock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1928

from which

A fir 24 ins. in diam. bears $N21\frac{1}{4}^{\circ}W$. 28 lks. dist., marked $\frac{1}{4}$ S22 BT.
 A yellow pine 24 ins. in diam. bears $S19\frac{1}{2}^{\circ}E$. 36 lks. dist., marked $\frac{1}{4}$ S27 BT.
 48.00 Top of spur 30 lks. wide bears NW.
 Descend along S. side of spur.
 58.00 Top of same spur bears SW.
 Descend 225 ft. over NW. slope.
 67.00 Draw course SW.
 Ascend 10 ft. over NE. slope.
 75.00 Point of spur slopes S.
 Descend 10 ft. over SW. slope to
 80.20 Old wagon road bears NW. and SE.
 80.28 The cor. of secs. 21, 22, 27, and 28.

Land, rolling mountainous.
 Soil, stony loam 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

N $0^{\circ}2'W$. bet. secs. 21 and 22.
 Over rolling mountainous land thru heavy timber and brush undergrowth in Lookout Canyon.

4.10 Old wagon road bears NW. and SE.
 10.00 Leave bottom of canyon bears NW. and SE.
 Ascend 52 ft. over SW. slope to
 18.25 Head of wash course SW.
 Continue ascent 175 ft. over SE. slope.
 27.61 Top of spur slopes SW.
 Descend 32 ft. over NW. slope.
 31.56 Wash 10 lks. wide course W.
 Ascend 362 ft. over SW. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 15 ins. in the ground to bedrock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1928

from which

A yellow pine 22 ins. in diam. bears $S33^{\circ}E$. 58 lks. dist., marked $\frac{1}{4}$ S22 BT.
 A yellow pine 18 ins. in diam. bears $N57\frac{1}{4}^{\circ}W$. 70 lks. dist., marked $\frac{1}{4}$ S21 BT.
 50.32 Top of ridge bears NW. and SE.
 Enter level land bears NW. and SE.
 64.30 Leave level land bears NW. and SE.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

- 66.59 Descend 26 ft. over NE. slope.
Head of wash 10 lks. wide course NW.
Ascend 10 ft. over SW. slope.
- 71.30 Top of spur bears NW.
Descend 34 ft. over NE. slope.
- 74.46 Draw 20 lks. wide course NW.
Ascend 27 ft. over SW. slope.
- 77.21 Top of spur slopes NW.
Descend over NE. slope
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 15, 16, 21, and 22
marked on brass cap.

T36N	R1E
S16	S15
S21	S22

1928

from which

- An aspen 8 ins. in diam. bears N15¹/₂°E. 75 lks. dist.,
marked T36N., R1E., S15 BT.
- A yellow pine 30 ins. in diam. bears S25¹/₂°E. 107 lks. dist.
marked T36N., R1E., S22 BT.
- A fir 12 ins. in diam. bears S76°W. 32 lks. dist.,
marked T36N., R1E., S21 BT.
- A yellow pine 10 ins. in diam. bears N64¹/₄°W. 60 lks. dist.
marked T36N., R1E., S16 BT.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

- 40.00 N 89°57'E. on a random line bet. secs. 15 and 22.
Set tmp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line 14 lks. N. of the cor. of
secs. 14, 15, 22, and 23.
Thence
N 89°57'W. on true line bet. secs. 15 and 22.
Over rolling mountainous land thru heavy timber and
brush undergrowth.
- .50 Along top of spur slopes NW.
- 9.90 Descend 94 ft. over NW. slope
Wash 20 lks. wide course SW.
Ascend 6 ft. over SE. slope
- 13.40 Top of spur slopes SW.
Descend 32 ft. over W. slope.
- 19.65 Draw 50 lks. wide course NW.
Ascend 20 ft. over NE. slope.
- 25.32 Top of spur slopes NW.
Descend 24 ft. over SW. slope.
- 28.30 Foot of descent bears N. and S.
Enter level land.
- 29.30 Wash 10 lks. wide course N.
Ascend 27 ft. over E. slope.
- 31.76 Top of spur bears NE.
Descend 18 ft. over NW. slope.
- 34.65 Wash 20 lks. wide course NE.
Ascend 105 ft. over SE. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

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

S 15
—
S 22

1928

from which

A yellow pine 20 ins. in diam. bears N32°W. 47 lks. dist. marked $\frac{1}{4}$ S15 BT.

A yellow pine 18 ins. in diam. bears S65°W. 72 lks. dist., marked $\frac{1}{4}$ S22 BT.

42.30 Top of spur slopes NE. thence

Along N. slope over rolling land.

49.80 Enter nearly level land on top of ridge.

52.30 Leave nearly level land on top of ridge bears NW. and SE.

Descend 124 ft. over SW. slope.

73.87 Wash 20 lks. wide course NW.

Ascend 66 ft. over NE. slope to

80.10 The cor. of secs. 15, 16, 21, and 22.

Land, rolling mountainous.
Soil, stony loam 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N 0°2'W. bet. secs. 15 and 16.

Over rolling mountainous land thru heavy timber and brush undergrowth.

Descend 77 ft. over NE. slope.

3.80 Wash 20 lks. wide course NW.

Ascend 82 ft. over SW. slope.

12.66 Top of ridge bears NW. and SE.

Enter level land bears NW. and SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S16 | S15

1928

from which

A yellow pine 24 ins. in diam. bears N65°E. 11 lks. dist. marked $\frac{1}{4}$ S15 BT.

A yellow pine 8 ins. in diam. bears N46 $\frac{1}{2}$ °W. 32 lks. dist., marked $\frac{1}{4}$ S16 BT.

44.00 Leave level land on top of ridge bears NW. and SE.

Descend 40 ft. over NE. slope.

48.96 Head of wash 5 lks. wide course NE.

Ascend 40 ft. over SE. slope.

62.96 Top of spur slopes NE.

Descend 143 ft. over NW. slope.

73.43 Wash 10 lks. wide course NE.

Ascend 6 ft. over SE. slope

74.69 Top of spur slopes NE.

Descend 52 ft. over NW. slope.

Survey of the Subdivision lines of T.36 N., R. 1 E.

Chains
~~80.00~~
79.50
80.00

Enter Lost Canyon bears N and SE.
Wash 10 lks. wide course NE. at junction with wash in Lost Canyon.
Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 9, 10, 15, and 16 marked on brass cap

T36N	R1E
S9	S10
S16	S15

1928

from which

A yellow pine 30 ins. in diam. bears N54°E. 545 lks. dist. marked T36N., R1E., S10 BT.
An aspen 10 ins. in diam. bears S43°E. 249 lks. dist., marked T36N., R1E., S15 BT.
A spruce 14 ins. in diam. bears S40°W. 149 lks. dist., marked T36N., R1E., S16 BT.
An aspen 8 ins. in diam. bears N46½°W. 163 lks. dist. marked T36N., R1E., S9 BT.

Land, rolling mountainous.
Soil, gravelly and stony loam 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

40.00
80.10

2.87
25.90
28.30
30.15
35.15
35.88
40.05

S 89°57'E. on a random line bet. secs. 10 and 15.
Set temp. ¼ sec. cor.
Intersect N. and S. line 8 lks. S. of the cor. of secs. 10, 11, 14, and 15.
Thence
West on true line bet. secs. 10 and 15.
Over rolling stony mountainous land, thru heavy timber and undergrowth.
Ascend 20 ft. over SE. slope.
Top of spur slopes SW.
Descend 160 ft. over SW. slope.
Wash 50 lks. wide course SW.
Ascend over SE. slope.
Top of spur slopes S.
Descend over W. slope.
Mouth of wash course S.
Ascend over SE. slope.
Top of spur slopes SE.
Descend 8 ft. over SW. slope.
Wash 10 lks. wide course SE.
Ascend 54 ft. over SE. slope.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap.

S 10
¼
S 15

1928

from which

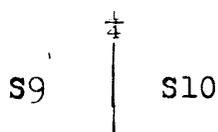
A yellow pine 30 ins. in diam. bears N32°E., 49 lks. dist., marked ¼ S10 BT.

Survey of the Subdivision lines of T. 36 N., R 1 E.

Chains.	
	A yellow pine 10 ins. in diam. bears S25°W.66 lks. dist., marked $\frac{1}{4}$ S15 BT.
44.52	Top of spur slopes SW.
	Descend 68 ft. over NW. slope.
48.10	Wash 20 lks. wide course S.
	Ascend 64 ft. over E. slope.
51.39	Top of spur bears SW.
	Over rolling land.
53.89	Descend 123 ft. over SW. slope.
61.00	Wash 10 lks. wide course SW.
	Ascend 5 ft. over E. slope.
63.70	Top of spur slopes SW.
	Descend 31 ft. over NW. slope.
66.66	Wash 50 lks. wide at foot of descent in Lost Canyon, course NW.
	Ascend 15 ft. over NE. slope.
71.65	Top of spur bears NE.
	Descend 32 ft. over NW. slope.
75.30	Wash 50 lks. wide in bottom of Least Canyon course SW.
	Ascend E. slope 4 ft.
76.60	Point of spur slopes SW.
	Descend 7 ft. over NW. slope.
79.70	Wash 50 lks. wide at foot of descent in Lost Canyon, course N.
80.10	The cor. of secs.9,10,15,and 16.

Land,rolling mountainous.
Soil,gravelly loam.2 nd. rate.
Timber,pine,fir,spruce,and aspen.
Undergrowth,juniper brush.

	N 0°2'W. bet. secs.9 and 10.
	Over rolling mountainous land thru heavy timber and brush undergrowth.
	Over sandy bottom land in Lost Canyon.
16.70	Wash 50 lks. wide course NW.
18.50	Leave canyon bears NW. and S.
	Ascend 86 ft. over SW. slope.
22.50	Top of spur slopes W.
	Descend 6 ft. over N. slope.
22.89	Wash 10.lks. wide course SW.
	Ascend 23 ft. over SE. slope.
24.25	Top of spur slopes NW.
	Descend 45 ft. over NE. slope.
28.89	Wash 10 lks. wide course SW.
	Ascend 39 ft. over SE. slope.
31.14	Top of spur slopes SW.
	Descend 10 ft. over NW. slope.
33.82	Wash 10 lks. wide course NW.
36.14	Leave wash
	Ascend 62 ft. over SE. slope
40.00	Set an iron post 3 ft. long,1 in. in diam.26 ins. in the ground for $\frac{1}{4}$ sec.cor.marked on brass cap



1928

from which

A yellow pine 18 ins. in diam. bears N71 $\frac{1}{4}$ °E.43 lks.dist.,

Survey of the Subdivision lines of T.36 N., R1 E.

Chains

marked $\frac{1}{4}$ S10 BT.

A yellow pine 14 ins. in diam. bears N86°W.46 lks. dist., marked $\frac{1}{4}$ S9 BT.

45.00 Top of ridge bears NW. and SE.
Enter level land bears NW. and SE.

51.30 Leave level land bears NW. and SE.
Descend 102 ft. over NE. slope.

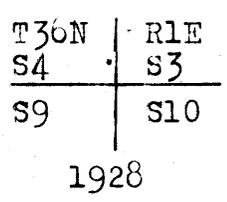
59.14 Wash 20 lks.wide course NE.
Ascend 5 ft. over SE. slope.

62.14 Top of spur slopes NE.
Descend NE.slope 23 ft.

64.61 Wash 50 lks. wide course NW.
Ascend 106 ft. over SW. slope.

74.07 Top of ridge bears NW. and SE.
Descend 27 ft. over NE. slope.to

80.00 Set an iron post 3 ft. long, 2 ins. in diam.24 ins. in the ground for cor. of secs3,4,9,and 10,marked on brass cap



from which

A yellow pine 14 ins. in diam. bears N21 $\frac{1}{2}$ °E.61 lks.dist., marked T36N.,R1E.,S3 BT.

A yellow pine 18 ins. in diam. bears S31 $\frac{1}{4}$ °E.16 lks. dist., marked T36N.,R1E.,S10 BT.

A yellow pine 30 ins. in diam. bears S49°W.36 lks. dist., marked T36N.,R1E.,S9 BT.

A yellow pine 12 ins. in diam. bears N30°W.97 lks. dist., marked T36N.,R1E.,S4 BT.

Land,rolling mountainous.
Soil,gravelly and stony loam 3 rd. rate.
Timber, pine,fir,spruce,and aspen.
Undergrowth,juniper brush.

40.00 East on a random line bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line 8 lks. S.of the cor. of secs. 2,3,10,and 11.

Thence
S 89°57'W. on true line bet. secs.3 and 10.
Over rolling mountainous land,thru heavy timber and scattering undergrowth.

7.06 Descend 88 ft. over SW. slope.
Wash 20 lks. wide course S.
Ascend 46 ft. over E. slope.

10.45 Top of spur slopes SE.
Descend 82 ft. over SW. slope.

14.24 Wash 10 lks. wide course SE.

14.48 Leave wash
Ascend 174 ft. over NE. slope.

18.93 Top of spur slopes SE.
Over level land on spur.

23.93 Descend 103 ft. over SW. slope.

34.38 Wash 10 lks. wide course SE.
Ascend 12 ft. over E. slope.

37.54 Top of spur slopes SE.
Descend 112 ft. over SW. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

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

S 3

S 10

1928

from which

A yellow pine 12 ins. in diam. bears N24°W. 78 lks. dist., marked $\frac{1}{4}$ S3 BT.

An aspen 5 ins. in diam. bears S45 $\frac{1}{2}$ °W. 85 lks. dist., marked $\frac{1}{4}$ S10 BT.

41.00 Foot of descent

Ascend 16 ft. over SE. slope.

46.00 Top of spur slopes S.

Descend 68 ft. over W. slope.

49.64 Trail in bottom of Ogner Canyon bears NW. and SE.

53.64 Wash in bottom of Ogner Canyon course NW.

54.00 Leave bottom of canyon bears NW. and SE.

Ascend 124 ft. over NE. slope.

58.00 Top of spur bears N.

Descend 23 ft. over N. slope.

60.66 Wash 10 lks. wide course N.

Ascend 37 ft. over E. slope.

64.86 Top of spur bears N:

Descend 58 ft. over W. slope.

70.70 Wash 10 lks. wide course N.

Ascend 92 ft. over E. slope.

72.70 Top of spur slopes NE.

Descend 47 ft. over NW. slope.

78.37 Wash near the head course NE:

Ascend 31 ft. over SE. slope to

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

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

N 0°2'W. on true line bet. secs. 3 and 4.

Over rolling mountainous land thru heavy timber and undergrowth.

Ascend 42 ft. over SE. slope.

3.30 Top of spur slopes NE.

Descend 175 ft. over NW. slope.

12.60 Bottom of Ogner Canyon bears NW. and SE.

13.29 Wash 100 lks. wide course NW.

13.96 Trail bears NW. and SE.; leave bottom of canyon.

Ascend 128 ft. over SW. slope.

19.14 Top of rocky spur slopes SW.

Descend 42 ft. over NW. slope.

22.94 Wash 10 lks. wide course SW.

Ascend 126 ft. over SE. slope.

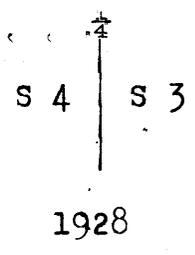
32.12 Top of ridge bears NE. and SW.

Enter level land

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

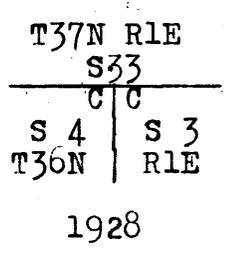
Survey of the Subdivision lines of T. 36 N., R. 1 E.

Chains



from which

- A yellow pine 9 ins. in diam. bears S58°E.42 lks. dist., marked $\frac{1}{4}$ S3 BT.
- A yellow pine 24 ins. in diam. bears N60°W.36 lks. dist., marked $\frac{1}{4}$ S4 BT.
- 46.00 Leave level land, bears NE. and SW.
- 47.65 Descend 28 ft. over NW. slope.
- 48.50 Head of wash 10 lks. wide course NE. Ascend 23 ft. over SE. slope.
- 56.40 Top of point of spur slopes NE. Descend 88 ft. over NE. slope.
- 58.00 Wash 20 lks. wide course NW. Ascend 6 ft. over SW. slope.
- 64.18 Point of spur slopes SW. Descend 48 ft. over NW. slope.
- 67.37 Wash 20 lks. wide course NW. Ascend 56 ft. over SW. slope.
- 71.61 Top of spur slopes W. Descend 35 ft. over N. slope.
- 79.50 Wash 10 lks. wide course SW. Ascend 132 ft. over S. slope.
- 80.48 Top of spur slopes W. Descend 11 ft. over N. slope.
- Intersect the 9th. Std. Par. N. 253 lks. West of the Std. cor. of secs. 33 and 34., T37N., R1E., which is an iron post 2 ins. in diam. projecting 10 ins. above ground with brass cap properly marked, and witnessed by two bearing tree, one each NE. and NW. of cor.
- At this point of intersection, Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for closing cor. of secs. 3 and 4., T36N., R1E. marked on brass cap



from which

- A yellow pine 30 ins. in diam. bears S69 $\frac{1}{2}$ °E.69 lks. dist., marked T36N., R1E., S3 CC BT.
- A yellow pine 14 ins. in diam. bears S72 $\frac{1}{2}$ °W.121 lks. dist., marked T36N., R1E., S4 CC BT.

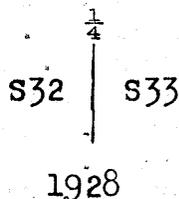
Land, rolling mountainous.
 Soil, stony loam 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains.

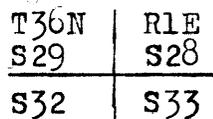
From the cor. of secs.4,5,32,and 33 on S.bdy.of Tp.
described in Book "A" of this group

N 0°3'W. bet. secs. 32 and 33.
Over rolling mountainous land thru heavy timber and
scattering brush undergrowth.
Ascend 23 ft. over SW. slope
4.00 Top of ridge bears NW. and SE.
Enter level land,bears NW. and SE.
9.00 Leave level land bears NW. and SE.
Descend 83 ft. over steep NE. slope.
18.06 Draw 40 lks. wide course NW.
Ascend 46 ft. over SW. slope.
28.20 Top of spur slopes W.
Over nearly level land on W.slope.
32.30 Descend 26 ft. over N. slope.
34.18 Wash 10 lks. wide course SW.
Ascend 34 ft. over SW. slope..
40.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in
the ground for $\frac{1}{4}$ sec. cor.,marked on brass
cap



from which

A yellow pine 12 ins. in diam. bears N66 $\frac{1}{2}$ °E.76 lks. dist.,
marked $\frac{1}{4}$ S33 BT.
A yellow pine 12 ins. in diam. bears N75 $\frac{1}{2}$ °W.66 lks. dist.,
marked $\frac{1}{4}$ S32 BT.
45.00 Top of ridge bears NW. and SE.
Enter level land.
48.58 Leave level land
Descend 106 ft. over steep NE. slope.
58.08 Wash 50 lks. wide in Indian Canyon course SW.
Ascend 100 ft. over S..slope.
67.32 Top of spur slopes SE.
Descend 26 ft. over NE. slope.
76.70 Wash 5 lks. wide course SE.
Ascend 49 ft. over SW. slope to
80.00 Top of spur slopes SE.
Set an iron post 3 ft. long, 2 ins. in diam.24 ins. in
the ground for cor. of secs.28,29,32,and 33
marked on brass cap



1928

from which

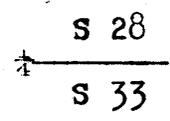
A yellow pine 16 ins. in diam. bears N33 $\frac{1}{2}$ °E.149 lks. dist.,
marked T36N.,R1E.,S28 BT.
A yellow pine 14 ins. in diam. bears S15°E.,85 lks. dist.,
marked T36N.,R1E.,S33 BT.
A yellow pine 8 ins. in diam. bears S32 $\frac{1}{2}$ °W.53 lks. dist.
marked T36N.,R1E.,S32 BT.
A yellow pine 6 ins. in diam. bears N54 $\frac{1}{2}$ °W.23 lks. dist.,
marked T36N.,R1E.,S29 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

40.00 N 89°56'E. on a random line bet. secs. 28 and 33.
 79.74 Set temp. 1/4 sec. cor.
 Intersect N. and S. line 14 lks. N. of the cor. of secs.
 27, 28, 33, and 34.
 Thence
 N 89°58'W. on true line bet. secs. 28 and 33.
 Over rolling mountainous land, thru heavy timber and
 undergrowth
 3.70 Descend 32 ft. over NW. slope.
 Draw 50 lks. wide course SW.
 11.70 Ascend 31 ft. over SE. slope.
 Top of spur bears S.
 Over rolling land slopes S.
 16.50 Descend 92 ft. over SW. slope.
 30.60 Junction of draw 10 lks. wide course S. with draw 20 lks.
 wide from S70°E.
 Ascend 34 ft. over SE. slope.
 37.05 Top of spur bears S.
 Descend 62 ft. over SW. slope.
 39.87 Set an iron post 3 ft. long, 1 in. in diam. 16 ins. in the
 ground to bedrock, supported in a mound of
 stone for 1/4 sec. cor., marked on brass cap



1928

from which

A yellow pine 18 ins. in diam. bears N64 1/2°E. 100 lks. dist.,
 marked 1/4 S28 BT.
 A yellow pine 10 ins. in diam. bears S68 1/4°E. 78 lks. dist.,
 marked 1/4 S33 BT.
 42.80 Draw 50 lks. wide course S.
 Ascend 113 ft. over E. slope.
 51.75 Intersect a yellow pine 18 ins. in diam., which mark for
 line tree, with two notches on opposite sides
 facing the line.
 52.00 Top of spur bears S.
 Enter level land on spur.
 62.00 Leave level land bears N. and SW.
 Descend 76 ft. over steep NW. slope.
 67.40 Ravine 10 lks. wide course SW.
 Ascend 40 ft. over SE. slope.
 71.00 Top of spur bears S.
 Descend 65 ft. over W. slope.
 76.50 Draw 15 lks. wide course S.
 Ascend 46 ft. over E. slope to
 79.74 The cor. of secs. 28, 29, 32, and 33

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

- N 0°3'W. bet. secs. 28 and 29.
- Over rolling mountainous land along top of spur thru heavy timber and brush undergrowth.
- 10.80 Head of draw course NW.
- 20.00 Leave rolling land on top of spur bears NW. and SE. Descend 72 ft. over NE. slope.
- 26.20 Draw 20 lks. wide course NW. Ascend 48 ft. over SW. slope.
- 34.00 Top of spur 200 lks. wide bears NW. Descend 91 ft. over NE. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap.

S29	S28
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1928

from which

- A fir 14 ins. in diam. bears S77°E. 47 lks. dist., marked 1/4 S 28 BT.
- A yellow pine 36 ins. in diam. bears N71 1/2°W. 67 lks. dist., marked 1/4 S29 BT.
- 40.10 Head of draw course NW. Ascend 18 ft. over SW. slope.
- 40.46 Intersect a red fir 20 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
- 43.00 Top of spur bears NW. Descend 5 ft. over N. slope.
- 48.40 Bottom of Sowats Canyon in wash 30 lks. wide course NW. Ascend 152 ft. over SW. slope.
- 51.20 Old crater 300 lks. in diam. 20 ft. deep on line.
- 62.50 Top of spur 200 links wide bears W. Descend 50 ft. over NE. slope.
- 67.60 Ravine 10 lks. wide course NW. Ascend 46 ft. over SW. slope.
- 72.00 Top of spur bears W. Descend 14 ft. over N. slope.
- 74.80 Head of draw course W. Ascend over S. slope.
- 76.09 Intersect a yellow pine 14 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
- 77.04 Highway from Bright Angel Point on North rim of the Grand Canyon to Jacob's Lake Forest Ranger Station on U.S. Highway No. 89 bears NW. and SE.
- 77.58 Forest Service telephone line bears NW. and SE.
- 80.00 Top of ridge bears NW. and SE. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28, and 29., marked on brass cap.

T36N	R1E
S20	S21
S29	S28

1928

from which

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

- A yellow pine 12 ins. in diam. bears N81 $\frac{1}{2}$ °E. 14 lks. dist.,
marked T36N., R1E, S21 BT.
A yellow pine 12 ins. in diam. bears S14°E. 60 lks. dist.
marked T36N., R1E, S28 BT.
A yellow pine 18 ins. in diam. bears S46°W., 35 lks. dist.
marked T36N., R1E., S29 BT.
A yellow pine 12 ins. in diam. bears N82°W. 52 lks. dist.,
marked T36N., R1E., S20 BT.

Land, rolling mountainous.
Soil stony 3 rd. rate.
Timber, pine fir, spruce, and aspen.
Undergrowth, juniper brush.

- S 89°58'E. on a random line bet. secs. 21 and 28.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.80 Intersect N. and S. line 16 lks. S. of the cor. of secs.
21, 22, 27, and 28.
Thence
S 89°55'W. on true line bet. secs. 21 and 28.
Over rolling mountainous land thru heavy timber and brush
undergrowth in Lookout Canyon
1.30 Leave bottom of canyon.
Ascend 92 ft. over NE. slope.
5.35 Top of spur bears NE.
Descend 54 ft. over NW. slope.
8.40 Draw 20 lks. wide course N.
Ascend 224 ft. over NE. slope.
13.22 Top of spur bears NE.
Continue ascent
25.30 Top of spur 2.00 chs. wide bears N.
Descend 108 ft. over NW. slope.
30.20 Head of draw course N.; Ascend NE. slope
35.80 Top of ridge bears NW. and SE.
Enter level land.
39.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S 21
 $\frac{1}{4}$ —————
S 28

1928

from which

- A yellow pine 10 ins. in diam. bears N36 $\frac{1}{2}$ °E. 61 lks. dist.,
marked $\frac{1}{4}$ S21 BT.
A yellow pine 10 ins. in diam. bears S30°E. 50 lks. dist.,
marked $\frac{1}{4}$ S28 BT.
40.80 Leave level land bears N. and S.
Descend 87 ft. over SW. slope.
47.00 Draw 30 lks. wide course NW.
Ascend 50 ft. over NE. slope.
53.30 Top of spur 3.00 chs. wide bears NW.
Descend 46 ft. over SW. slope.
58.60 Draw 10 lks. wide course NW.
Ascend 17 ft. over NE. slope.
59.80 Point of spur bears N.
Descend 70 ft. over NW. slope.
69.80 Draw 20 lks. wide course NW.
Ascend 85 ft. over NE. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

76.80	Top of ridge bears NW. and SE. Enter level land.
79.80	The cor. of secs. 20, 21, 28, and 29. Land, rolling mountainous. Soil, stony 3 rd. rate. Timber, pine, fir, spruce, and aspen. Undergrowth, juniper brush.
3.50	N 0°31'W. bet. secs. 20 and 21. Over rolling mountainous land thru heavy timber and undergrowth. Over level land on top of ridge. Leave level land bears NW. and SE. Descend 156 ft. over NE. slope.
8.12	Intersect a yellow pine 30 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
12.20	Draw 40 lks. wide course NW. Ascend 311 ft. over SW. slope.
19.50	Top of spur bears NW. Descend 41 ft. over NE. slope.
21.50	Draw 20 lks. wide course NW. Ascend 34 ft. over SW. slope.
28.00	Top of spur bears NW. Descend 73 ft. over NE. slope.
32.70	Draw 20 lks. wide course W. Ascend 128 ft. over S. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	from which
	A yellow pine 16 ins. in diam. bears S82°E. 24 lks. dist. marked $\frac{1}{4}$ S21 BT.
	A yellow pine 12 ins. in diam. bears S89 $\frac{1}{2}$ °W. 23 lks. dist., marked $\frac{1}{4}$ S20 BT.
41.00	Top of spur slopes W. Along W. slope of same.
48.00	Descend 106 ft. over N. slope.
52.50	Ravine 10 lks. wide course W. Ascend 99 ft. over S. slope.
67.50	Top of ridge bears NW. and SE. Enter level land.
58.26	Intersect a yellow pine 24 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
72.20	Leave level land on ridge bears NW. and SE. Descend 157 ft. over steep NE. slope
78.70	Ravine 5 lks. wide course NW. Ascend 20 ft. over SW. slope to
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 16, 17, 20, and 21 marked on brass cap

BOOK 222

Survey of the Subdivision lines of T.36 N., R. 1 E.

Chains

T36N	R1E
S17	S16
S20	S21

1928

from which

- A fir 4 ins. in diam. bears N20°E.38 lks. dist. marked BT. only.
- A yellow pine 10 ins. in diam. bears S7°E.65 lks. dist., marked T36N., R1E., S21 BT.
- A yellow pine 12 ins. in diam. bears S75°W.37 lks. dist., marked T36N., R1E., S20 BT.
- A fir 10 ins. in diam. bears N35½°W.105 lks. dist., marked T36N., R1E.; S17 BT.

Land, rolling mountainous.
 Soil, stony 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

40.00
79.76

N 89°55'E. on a random line bet. secs.16 and 21.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line 25 lks. N. of the cor. of secs. 15, 16, 21, and 22.

5.00
9.68
15.76
35.76
39.88

Thence
 N 89°54'W. on true line bet. secs.16 and 21.
 Over rolling stony mountainous land, thru heavy timber and brush undergrowth.
 Over level land on top of spur.
 Leave level land bears NW. and SE.
 Descend 74 ft. over steep SW. slope.
 Draw 50 lks. wide course NW.
 Ascend 74 ft. over NE. slope.
 Top of ridge bears NW. and SE.
 Enter level land.
 Leave level land bears NW. and SE.,
 Descend 336 ft. over steep SW. slope.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap

S 16
* S 21

1928

from which

54.74
59.85
60.00
61.50
61.70

- A yellow pine 8 ins. in diam. bears N29°W.67 lks. dist., marked ¼ S16 BT.
- A yellow pine 18 ins. in diam. bears S15½°W.44 lks. dist. marked ¼ S21 BT.
- Wash 10 lks. wide course SW.
Continue descent 220 ft.
- Bottom of Lookout Canyon bears NW. and SE.
- Old wagon road bears NW. and SE.
- Wash in canyon course NW.
- Leave bottom of canyon bears NW, and SE.

Survey of the Subdivision lines of T.30 N., R. 1 E.

Chains	
73.00	Ascend 243 ft. over steep NE. slope to Top of spur bears NE.
79.76	Descend 146 ft. over NW. slope to The cor. of secs. 10, 17, 20, and 21.
	Land, rolling mountainous. Soil, stony 3 rd. rate. Timber, pine, fir, spruce, and aspen. Undergrowth, juniper brush.
	N 0°3'W. bet. secs. 16 and 17. Over rolling mountainous land thru heavy timber and brush undergrowth.
.20	Along W. slope of spur. Top of spur slopes NW.
7.50	Descend 121 ft. over NW. slope. Foot of descent in bottom of Lookout Canyon bears NE. and SW.
8.75	Old wagon road bears NE. and SW.
9.00	Leave bottom of canyon bears NE. and SW.
13.00	Ascend 115 ft. over steep SE. slope. Top of spur bears SW.
25.50	Descend 97 ft. over NW. slope. A bend in Lookout Canyon from SW. to NW. bears W. 3.00 chs. dist.
25.55	Ascend 475 ft. over steep rocky SW. slope.
38.46	Ravine 5 lks. wide 3 ft. deep course W. Intersect a yellow pine 24 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
	from which
	A yellow pine 18 ins. in diam. bears S89 $\frac{1}{2}$ °E. 15 lks. dist., marked $\frac{1}{4}$ S16 BT.
	A yellow pine 14 ins. in diam. bears S43°W. 23 lks. dist., marked $\frac{1}{4}$ S17 BT.
42.00	Top of spur bears NW. Enter level land.
47.00	Leave level land on spur bears NW. and SE. Descend 23 ft. over NE. slope to
51.00	Top of spur bears NE. Continue descent 132 ft. over NW. slope.
54.40	Head of draw course NE. Ascend 5 ft. over SE. slope.
56.00	Top of spur bears NE. Descend 39 ft. over NW. slope to
59.54	Ascend 72 ft. over SW. slope.
65.00	Top of spur bears W. Descend 56 ft. over N. slope.
67.60	Draw 10 lks. wide course SW. Ascend 152 ft. over SE. slope.
75.00	Top of ridge bears NW. and SE. Enter level land.

BOOK 2888

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 8, 9, 16, and 17. marked on brass cap

T36N	R1E
S 8	S 9
S17	S16

1928

from which

- A yellow pine 18 ins. in diam. bears N32°E. 38 lks. dist., marked T36N., R1E., S9 BT.
- A yellow pine 8 ins. in diam. bears S45°E. 29 lks. dist., marked T36N., R1E., S16 BT.
- A yellow pine 10 ins. in diam. bears S37½°W. 25 lks. dist., marked T36N., R1E., S17 BT.
- A yellow pine 18 ins. in diam. bears N22½°W. 34 lks. dist., marked T36N., R1E., S8 BT.

Land, rolling mountainous.
 Soil, stony 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

40.00
79.84

S 89°54'E. on a random line bet. secs. 9 and 16.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line 10 lks. N. of the cor. of secs. 9, 10, 15, and 16.

Thence
 N 89°50'W. on true line bet. secs. 9 and 16.
 Over rolling mountainous land, through heavy timber and brush undergrowth.

12.06

Ascend 155 ft. over steep SE. slope.
 Top of ridge bears NE. and SW.
 Enter level land.

18.04

Leave level land on ridge bears NE. and SW.
 Descend 81 ft. over SW. slope.

21.62

Wash 20 lks. wide course NW.
 Ascend 64 ft. over NE. slope.

31.83

Top of ridge bears NW. and SE.
 Descend 98 ft. over SW. slope. to

39.92

Set an iron post 3 ft. long 1 in. in diam. 24 ins. in the ground for ¼ sec. cor. marked on brass cap

¼	S 9
	S 16

1928

from which

- A yellow pine 9 ins. in diam. bears N43°W. 30 lks. dist., marked ¼ S9 BT.
- An aspen 6 ins. in diam. bears S77½°E. 82 lks. dist., marked ¼ S16 BT.
- Continue descend 68 ft. over SW. slope.

47.13

Wash 20 lks. wide course NW.

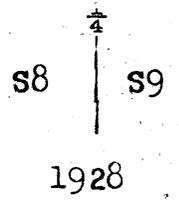
Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

55.39 Ascend 159 ft. over NE. slope.
Top of ridge bears NW. and SE.
Enter level land.
79.84 The cor. of secs. 8, 9, 16, and 17.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

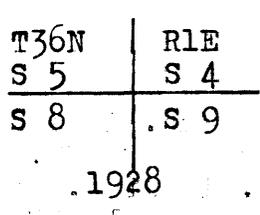
N 0°3'W. bet. secs. 8 and 9.
Over rolling mountainous land thru heavy timber and
brush undergrowth.
Over level land on top of ridge.
4.00 Leave level land, bears NW. and SE.
Descend 64 ft. over NE. slope.
6.89 Wash 10 lks. wide course NW.
Ascend 6 ft. over SW. slope.
9.34 Top of spur slopes NW.
Descend 95 ft. over NW. slope.
14.10 Wash 10 lks. wide course NE.
Ascend 5 ft. over SE. slope.
16.60 Top of spur slopes NE.
Descend 155 ft. over NE. slope.
22.19 Wash 10 lks. wide course NW.
Ascend 83 ft. over SW. slope.
27.50 Top of spur slopes NW.
Descend 169 ft. over NE. slope.
35.00 Foot of descent in Lost Canyon, bears NW. and SE.
35.50 Wash 200 lks. wide course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
the ground for 1/4 sec. cor. marked on brass cap.



from which

An aspen 4 ins. in diam. bears N55°E. 11 lks. dist.,
marked 1/4 S9 BT.
A yellow pine 14 ins. in diam. bears S73 1/2°W. 62 lks. dist.
marked 1/4 S8 BT.

41.00 Leave bottom of Lost Canyon, bears NW. and SE.
Ascend 370 ft. over steep SW. slope.
53.78 Top of ridge bears NW. and SE.
Enter level land.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
the ground for cor. of secs. 4, 5, 8, and 9., marked
on brass cap



from which

Survey of the Subdivision lines of T.36 N., R. 1 E.

Chains

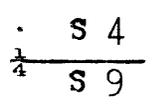
- A yellow pine 24 ins. in diam. bears N29°E.157 lks. dist., marked T36N.,R1E.,S4 BT.
- A yellow pine 18 ins. in diam. bears S33½°E.53 lks.dist., marked T36N.,R1E.,S9 BT.
- A yellow pine 16 ins. in diam. bears S62°W.51 lks. dist., marked T36N.,R1E.,S8 BT.
- A yellow pine 30 ins. in diam.bears N55½°W.71 lks.dist., marked T36N.,R1E.,S5 BT.

Land,rolling mountainous.
 Soil,stony 3 rd. rate.
 Timber,pine,fir,spruce,and aspen.
 Undergrowth,juniper brush.

- 40.00 S 89°50'E. on a random line bet. secs.4 and 9.
- Set temp. ¼ sec. cor.
- 79.82 Intersect N. and S. line 12 lks. S. of the cor.of secs. 3,4,9,and 10.

Thence
 N 89°55'W. on true line bet. secs. 4 and 9.
 Over rolling stony mountainous land thru heavy timber and brush undergrowth.

- 6.97 Ascend 32 ft over E.slope
Top of ridge bears NW. and SE.
Enter level land.
- 16.97 Leave level land bears NW. and SE.
Descend 139 ft. over steep SW. slope.
- 39.91 Set an iron post 3 ft. long, 1 in. in diam.24 ins. in the ground for ¼ sec. cor.,marked on brass cap



1928

from which

- A yellow pine 20 ins. in diam. bears N41½°W.69 lks. dist., marked ¼ S4 BT.
- A fir.6 ins. in diam.bears S25½°E.79 lks. dist., marked ¼ S9 BT.
- 40.20 Wash 20 lks. wide course NW.
- Ascend 67 ft. over NE. slope.
- 44.96 Top of spur slopes NE.
Enter level land.
- 46.36 Leave level land.
Descend 46 ft. over NW. slope.
- 48.76 Wash 10 lks. wide course NE.
- 50.45 Ascend 114 ft. over SE. slope.
- 57.56 Top of spur slopes NE.
- 62.56 Top of ridge bears NW. and SE.
Descend 74 ft. over W. slope.
- 69.95 Wash 20 lks. wide course N.
Ascend 67 ft. over E. slope.
- 74.32 Top of ridge bears NW. and SE.
Enter level land.
- 79.82 The cor. of secs.4,5,8,and 9.

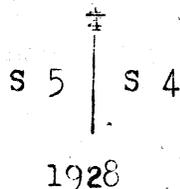
Land,rolling mountainous.
 Soil,stony 3 rd. rate.

Survey of the Subdivision lines of T 36 N., R. 1 E.

Chains

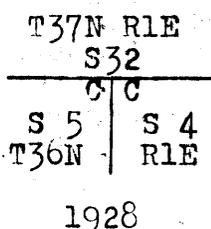
Timber, pine fir, spruce, and aspen.
Undergrowth, juniper brush.

- N 0°31'W., on true line, bet. secs. 4 and 5.
- Over rolling mountainous land, thru heavy timber and brush undergrowth.
- Over level land on top of ridge.
- 7.50 Leave level land, bears NW. and SE.
- 15.48 Descend 24 ft. over NE. slope to top of spur slopes NE.
- 25.26 Continue descent 155 ft. over NW. slope.
- 27.14 Wash 10 lks. wide course N., at 50 lks. W. of this point.
- 28.76 Wash 20 lks. wide course NW.
- Leave wash
- Ascend 141 ft. over SW. slope.
- 36.61 Top of spur slopes NW.
- 40.00 Descend 392 ft. over NE. slope.
- Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



from which

- A yellow pine 12 ins. in diam. bears S57 $\frac{1}{2}$ °E. 27 lks. dist., marked $\frac{1}{4}$ S4 BT.
- A spruce 8 ins. in diam. bears S74°W. 22 lks. dist., marked $\frac{1}{4}$ S5 BT.
- 60.46 Bottom of Ogner Canyon 200 lks. wide course NW.
- 60.86 Trail bears NW. and SE.
- Leave bottom of canyon.
- Ascend 371 ft. over SW. slope.
- 78.82 Top of ridge bears NW. and SE.
- Enter level land.
- 80.24 Intersect the 9th. Std. Par. N. 245 lks. West of the Std. cor. of secs. 32 and 33, T37N., R1E., which is an iron post 2 ins. in diam. projecting 10 ins. above ground, properly marked on brass cap, and witnessed by two bearing trees properly marked
- At this point of intersection, Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for closing cor. of secs. 4 and 5 T36N., R1E., marked on brass cap



from which

- A yellow pine 12 ins. in diam. bears S72 $\frac{1}{2}$ °E. 0150 lks. dist.,

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains marked T36N., R1E., S4 CC BT.
 A yellow pine 24 ins. in diam. bears S49½°W. 96 lks. dist.,
 marked T36N., R1E., S5 CC. BT.

Land, rolling mountainous.
 Soil, stony 3 rd. rate.
 Timber, pine, fir, spruce, and aspen.
 Undergrowth, juniper brush.

From the cor. of secs. 5, 6, 31, and 32 on S. bdy. of Tp.
 described in Book "A" of this group

N 0°3'W. bet. secs. 31 and 32.
 Over rolling land in Indian Valley, thru heavy timber and
 scattering undergrowth.

3.00 A point 20 lks. E. of bend in old wagon road from N. to
 SW.

12.00 A point 20 lks. E. of bend in road from S. to NW.

13.50 Leave rolling valley land bears NW. and SE.
 Enter rolling mountainous land.
 Ascend 29 ft. over SW. slope.

15.00 Top of spur bears W.
 Descend 18 ft. over NW. slope.

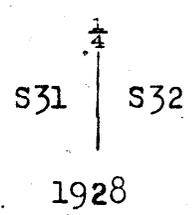
16.60 Foot of descent in Indian Valley bears NE. and SW.

19.70 Old wagon road bears NE. and SW.

24.50 Leave valley bears NE. and SW.
 Ascend 166 ft. over SE. slope

37.00 Top of ridge bears NE. and SW.
 Enter level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
 ground for ¼ sec. cor. marked on brass cap



from which

A yellow pine 24 ins. in diam. bears S22°E. 35 lks. dist.,
 marked ¼ S 32 BT.

A yellow pine 18 ins. in diam. bears S43°W. 26 lks. dist.,
 marked ¼ S 31 BT.

42.50 Leave level land bears NE. and SW.
 Descend 82 ft. over NW. slope.

51.50 Draw 10 lks. wide course SW.
 Ascend 57 ft. over SE. slope.

56.00 Top of ridge bears NE. and SW.
 Enter level land.

62.00 Leave level land on top of ridge bears NE. and SW.
 Descend gradually over NW. slope to

67.00 Top of spur bears NW.
 Continue descent 72 ft. over NE. slope.

68.00 Head of draw course NW.
 Ascend 30 ft. over SW. slope.

72.00 Top of spur bears W.
 Descend 58 ft. over NW. slope.

75.00 Draw 20 lks. wide course W.
 Ascend 57 ft. over SE. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in

Survey of the Subdivision lines of T.36 N., R. 1 E.,

Chains

the ground for cor. of secs. 29, 30, 31, and 32,
marked on brass cap

T36N	R1E.
S30	S29
S31	S32

1928

from which

- A yellow pine 12 ins. in diam. bears N49°E. 23 lks. dist.,
marked T36N., R1E., S29 BT.
A yellow pine 18 ins. in diam. bears S70°E. 15 lks. dist.,
marked T36N., R1E., S32 BT.
An aspen 10 ins. in diam. bears S65°W. 109 lks. dist.,
marked T36N., R1E., S31 BT.
A yellow pine 12 ins. in diam. bears N81°W. 55 lks. dist.,
marked T36N., R1E., S30 BT.

Land, level and rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, and aspen.
Undergrowth, juniper brush.

40.00

N 89°56'E. on a random line bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.

79.88

Intersect N. and S. line 14 lks. N. of the cor. of secs.
28, 29, 32, and 33.

Thence

N 89°58'W. on true line bet. secs. 29 and 32.

Over rolling mountainous land thru heavy timber and
brush undergrowth.

6.00

Ascend 29 ft. over SE. slope.
Top of ridge bears NE. and SW.
Enter level land.

11.00

Old wagon road bears N. and S.

12.00

Leave level land on top of ridge bears NE. and SW.
Descend 18 ft. over NW. slope.

17.10

Head of draw course NW.

21.00

Ascend over NE. slope.

21.00

Top of spur bears NW.
Descend 88 ft. over SW. slope.

24.10

Draw 10 lks. wide course NW.

28.00

Ascend 76 ft. over NE. slope.

28.00

Top of ridge bears NW. and SE.
Enter level land.

33.68

Intersect a yellow pine 12 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.

39.94

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

$\frac{1}{4}$	S29
$\frac{1}{4}$	S32

1928

from which

- A yellow pine 10 ins. in diam. bears N79 $\frac{1}{2}$ °W. 27 lks. dist.,
marked $\frac{1}{4}$ S29 BT.
A yellow pine 24 ins. in diam. bears S30°E. 12 lks. dist.,
marked $\frac{1}{4}$ S.32 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	
48.00	Leave level land, bears NE. and SW.
53.00	Descend gradually over SW. slope to Top of spur slopes SW.
59.90	Continue descent 86 ft. over NW. slope. Draw 10 lks. wide course SW.
63.00	Ascend 34 ft. over SE. slope. Top of spur 2.00 chs. wide
79.88	Continue along S. slope to The cor. of secs. 29, 30, 31, and 32.
<p style="text-align: center;">Land, rolling and mountainous. Soil, stony 3 rd. rate. Timber, pine fir, and aspen. Undergrowth, juniper brush.</p>	
40.00	S 89°56'W. on a random line bet. secs. 30 and 31
77.87	Set temp. 1/4 sec. cor. Intersect the W. bdy. of Tp. (G. and S. R. Meridian) 11 lks. N. of the cor. of secs. 25, 30, 31, and 36. which is an iron post 2 ins. in diam. projecting 10 ins. above ground, firmly set, with brass cap properly marked and witnessed by four bearing trees properly marked, one each NE., SE., SW., and NW. of cor.
<p>Thence N 89°51'E. on true line bet. secs. 30 and 31. Descend SE. slope over rolling mountainous land thru heavy timber and brush undergrowth.</p>	
5.37	Foot of descent in bend in draw from S88°E. to S88°W. Ascend 23 ft. over SW. slope.
12.87	Top of SW. slope. on spur slopes S. Along S. slope
17.87	Descend over SE. slope.
22.37	Same draw 100 lks. wide course SW. Ascend 23 ft. over NW. slope.
31.87	Top of spur bears N. Descend over NE. slope.
34.87	Same draw 50 lks. wide in bend from NE. to NW. Ascend over NW. slope.
37.87	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap
<p>S 30 ----- S 31 1928</p>	
<p>from which</p>	
<p>A yellow pine 36 ins. in diam. bears N38°W. 36 lks. dist., marked 1/4 S30 BT.</p>	
<p>A yellow pine 20 ins. in diam. bears S5°W. 27 lks. dist., marked 1/4 S31 BT.</p>	
39.37	Descend over NE. slope. Same draw course N80°W.
42.87	Ascend over SW. slope. Point of spur bears S.
43.87	Descend over SE. slope. Same draw 50 lks. wide course S80°W.
49.87	Leave draw comes from S60°E. Ascend 43 ft. over SW. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

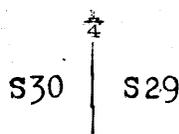
Chains

67.87 Top of ascent on S. slope of spur, thence
Along S. slope.

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

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, and aspen.
Undergrowth, juniper brush.

N 0°3'W. bet. secs. 29 and 30.
Over rolling mountainous land thru heavy timber and
brush undergrowth.
Ascend 52 ft. over S. slope.
4.00 Top of ridge bears E. and W.
Enter level land.
8.00 Leave level land bears NW. and SE.
Descend 77 ft. over NE. slope.
19.98 Intersect a yellow pine 18 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.
20.45 Draw 15 lks. wide course NW.
Ascend over SW. slope
30.00 Top of ridge bears NW. and SE.
Descend 40 ft. over N. slope.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



1928

from which

A yellow pine 18 ins. in diam. bears N86 $\frac{1}{2}$ °E. 65 lks. dist.,
marked $\frac{1}{4}$ S29 BT.
A yellow pine 24 ins. in diam. bears N40°W. 30 lks. dist.,
marked $\frac{1}{4}$ S 30 BT.
Descend along W. side of draw.
46.50 Wash 100 lks. wide course NW.
Ascend 11 ft. over SW. slope.
50.00 Top of spur 2.00 chs. wide bears W.
Descend 62 ft. over NW. slope.
56.90 Wash 10 lks. wide in Sowats Canyon course SW.
57.50 Leave Sowats Canyon
Ascend 199 ft. over SE. slope.
65.94 Intersect a yellow pine 12 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.
68.50 Intersect a yellow pine 30 ins. in diam., which mark for
line tree with two notches on opposite sides
facing the line.
72.50 Top of spur 2.00 chs. wide bears SW.
Descend 62 ft. over NW. slope to
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 19, 20, 29, and 30;
marked on brass cap

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

T36N	R1E
S19	S20
S30	S29

1928

from which

- An aspen 8 ins. in diam. bears N70°E.17 lks. dist., marked T36N.,R1E.,S20 BT.
- An aspen 8 ins. in diam. bears S52½°E.31 lks. dist., marked T36N.,R1E.,S29 BT.
- A fir 6 ins. in diam. bears S89°W. 2 lks. dist., marked T36N.,R1E.,S30 BT.
- A yellow pine 10 ins. in diam. bears N30°W.63 lks. dist., marked T36N.,R1E.,S19 BT.

Land, rolling mountainous.
 Soil, stony 3 rd. rate.
 Timber, pine, fir, and aspen.
 Undergrowth, juniper brush.

- 40.00 S 89°58'E on a random line bet. secs.20 and 29.
- 79.74 Set temp. ¼ sec. cor. Intersect N. and S. line 8 lks. N. of the cor. of secs. 20, 21, 28, and 29
- Thence N 89°55'W. on true line bet. secs. 20 and 29.
- Over rolling mountainous land, thru heavy timber and brush undergrowth.
- Over level land on top of ridge.
- 4.75 Forest Service telephone line bears NW. and SE.
- 5.00 Leave level land, bears NE. and SW.
- Descend gradually 23 ft. over NW. slope
- 5.70 Highway from Bright Angel Point on the North rim of the Grand Canyon to Jacob's Lake Forest Service Ranger station on U.S. Highway No. 89 bears NW. and SE.
- 17.50 Descend 53 ft. over W. slope
- 19.40 Head of draw course S.
- Ascend 28 ft. over SE. slope.
- 23.50 North rim of old crater 3.00 chs. in diam. 50 ft. deep.
- 25.00 Top of ridge bears NE. and SW.
- Enter level land.
- 37.90 Old wagon road bears N. and S.
- 39.87 Set an iron post 3 ft. long, 1 in. in diam. 25 ins. in the ground for ¼ sec. cor. marked on brass cap

S 20
¼ S 29

1928

from which

- A yellow pine 36 ins. in diam. bears N73°W.45 lks. dist., marked ¼ S20 BT.
- A yellow pine 24 ins. in diam. bears S70°E. 11 lks. dist., marked ¼ S29 BT.

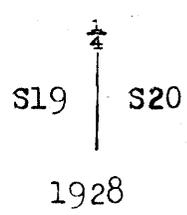
55.00 Leave level land on top of ridge bears NW. and SE

Survey of the Subdivision lines of T.36 N., R 1 E.

Chains	
57.40	Descend 45 ft. over SW. slope. Head of draw course NW.
62.00	Ascend 25 ft. over NE. slope. Top of spur, bears N.
72.50	Descend 86 ft. over NW. slope. Draw 20 lks. wide course W. at junction with draws from NE. and SE.
75.50	Thence Along bottom of draw. Leave draw course NW.
79.74	Ascend gradually over NE. slope to The cor. of secs. 19, 20, 29, and 30.
	Land, rolling mountainous. Soil, stony, 3rd rate. Timber, pine, fir and aspen. Undergrowth, juniper brush.
40.00	S. 89° 51' W. on random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.
77.77	Fall 41 lks. S. of the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp. (G. and S. R. Meridian) which is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked yellow pine bearing trees, one each NE., SE., SW. and NW. of cor.
77.77	Thence S. 89° 51' E. on true line, bet. secs. 19 and 30. Over rolling stony land, thru heavy timber and brush undergrowth.
2.77	Ascend NW. slope Top of spur bears N.
5.97	Descend NE. slope Head of draw course NW.
10.00	Ascend 25 ft. over NW. slope. Top of ascent on spur bears N.
11.27	Descend over NE. slope. Head of draw course NW.
16.20	Ascend 19 ft. over SW. slope. Top of spur NW.
29.47	Enter nearly level land. Head of draw course NW.
37.77	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	S 19 $\frac{1}{4}$ S 30
	1928
	from which
	A yellow pine 20 ins. in diam. bears N71° W. 35 lks. dist., marked $\frac{1}{4}$ S19 BT.
	A yellow pine 36 ins. in diam. bears S3° W. 62 lks. dist., marked $\frac{1}{4}$ S30 BT.
61.27	Leave nearly level land bears NW. and SE.
62.07	Descend 43 ft. over NE. slope. Draw near head course N.
64.77	Ascend W. slope. Top of spur bears NW.
77.77	Descend over NE. slope to The cor. of secs. 19, 20, 29, and 30
	Land, rolling and level. Soil, stony 3rd rate. Timber, pine, fir, and aspen. Undergrowth, juniper brush.

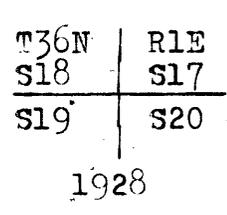
Survey of the Subdivision lines of T.36 N., R.1 E.

Chains
 N 0°31'W bet.secs.19 and 20.
 Over rolling mountainous land, thru heavy timber and brush undergrowth.
 Descend gradually over NE. slope.
 .60 Draw 20 lks. wide course NW.
 Ascend 92 ft. over SW. slope
 7.50 Top of ridge 3.00 chs. wide bears NW. and SE.
 Descend 81 ft. over NE slope
 11.00 Head of draw course N.
 Continue descent in draw.
 22.00 Draw 30 lks. wide course NW.
 Ascend 29 ft. over SW. slope.
 25.00 Top of spur bears SW.
 Descend 21 ft. over NW.slope.
 28.25 Draw 10 lks. wide course SW.
 Ascend 5 ft. over SE. slope.
 30.00 Top of ridge bears NW. and SE.
 Enter level land.
 38.55 Highway from Bright Angel Point on the North rim of the Grand Canyon to Jacob's Lake Forest Service Ranger station on U.S.Highway No.89 bears NW. and SE.
 39.70 Forest Service telephone line bears NW. and SE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for 1/4 sec. cor. marked on brass cap



from which

A yellow pine 10 ins. in diam. bears S80°E.61 lks. dist., marked 1/4 S20 BT.
 A yellow pine 24 ins. in diam. bears N47°W.55 lks. dist., marked 1/4 S19 BT.
 43.50 Head of draw course NW.
 56.00 Leave top of ridge bears NE. and SW.
 Descend 41 ft. over NW. slope.
 59.00 Draw 20 lks. wide course SW.
 Ascend 46 ft. over SE.slope.
 64.00 Top of ridge bears NW. and SE.
 Enter level land.
 77.70 Head of draw course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam.26 ins. in the ground for cor.of secs.17,18,19,and 20 marked on brass cap



from which

A yellow pine 12 ins. in diam.bears N73°E.70 lks. dist., marked T36N.,R1E.,S17 BT.
 A yellow pine 16 ins. in diam. bears S50°E.66 lks. dist., marked T36N.,R1E.,S20 BT.
 A yellow pine 18 ins. in diam. bears S49°W.51 lks. dist., marked T36N.,R1E.,S19 BT.
 A yellow pine 10 ins. in diam. bears N54°W.17 lks. dist., marked T36N.,R1E.,S18 BT.

Survey of the Subdivision lines of T.36N.,R.1 E.

Chains

Land,rolling mountainous and level.
Soil, stony 3 rd. rate.
Timber, pine, fir, and aspen.
Undergrowth, juniper brush.

40.00 S 89°55'E. on a random line bet. secs. 17 and 20
Set temp. + sec. cor.
79.76 Intersect N. and S. line at the cor. of secs. 16, 17, 20, and 21.

Thence
N 89°55'W. on true line bet. secs. 17 and 20.
Over rolling stony mountainous land, thru heavy timber and brush undergrowth

1.16 Descend 41 ft. over point of spur.
Ravine 10 lks. wide course NW.
Ascend 144 ft. over NE. slope.
12.26 Top of spur bears NW.
Enter level land.
22.26 Leave level land, bears NW. and SE.
Enter rolling land, slopes SW.
27.26 Top of spur bears SW.
Descend 141 ft. over SW. slope.
31.26 Head of draw course SW.
Ascend over SE. slope.
32.76 Top of spur bears SW.
Descend over W. slope 92 ft.
35.16 Old wagon road bears NW. and SE.
35.46 Draw 100 lks. wide course NW.
Ascend 182 ft. over NE. slope to
39.88 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap

S 17
1/4
S 20

1928

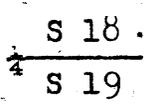
from which

A yellow pine, 24 ins. in diam. bears N22°W. 26 lks. dist., marked 1/4 S17 BT.
A yellow pine, 12 ins. in diam. bears S74 1/2°E. 37 lks. dist., marked 1/4 S20 BT.
Asc. 65 ft. over NE. slope.
50.16 Top of spur bears NW.
Descend 116 ft. over SW. slope.
50.23 Old wagon road bears NW. and SE.
55.06 Draw 20 lks. wide course NW.
Ascend 55 ft. over NE. slope.
58.76 Top of spur bears NW.
Descend 76 ft. over SW. slope.
62.16 Draw 20 lks. wide course NW.
Ascend 44 ft. over NE. slope.
64.26 Point of spur bears NE.
Descend 16 ft. over NW. slope.
65.96 Head of draw course NE.
Ascend 90 ft. over SE. slope.
70.76 Top of ridge bears NE. and SW.
Enter level land on ridge.
79.76 The cor. of secs. 17, 18, 19, and 20.

Land,rolling mountainous and level.
Soil, stony 3 rd. rate.
Timber, pine fir, and aspen.
Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	
40.00	N 89°51'W. on a random line bet. secs.18 and 19.
77.74	Set temp. $\frac{1}{4}$ sec. cor. Intersect the W.bdy.of Tp.(G.and S.R.Meridian) 9 lks.S.of the cor. of secs.13,18,19, and 24. which is an iron post 2 ins. in diam.projecting 12 ins. above ground with brass cap properly marked, and witnessed by four properly marked bearing trees,one each NE.,SE.,SW.,and NW. of cor.
	Thence
	S 89°47'E. on true line bet. secs. 18 and 19.
	Over rolling mountainous land thru heavy timber and brush undergrowth.
7.74	Descend gradually over NE. slope.
10.54	Head of draw course NW. Draw 10 lks. wide course N80°W. Ascend 29 ft. over SW. slope.
13.74	A point 50 lks. N.of bend in draw from SE. to W.
16.74	Top of ridge bears NW. and SE. Enter level land on ridge.
22.74	Leave level land on ridge bears NW. and SE. Descend 23 ft. over NE. slope.
26.54	Draw 150 lks. wide course N20°W. Ascend 45 ft. over SW.slope.in draw
32.74	Leave draw comes from NE.
35.74	Top of ridge bears NW. and SE. Enter level land bears NW. and SE.
37.74	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for $\frac{1}{4}$ sec. cor.,marked on brass cap



1928

from which

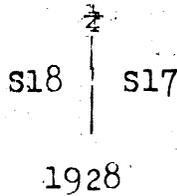
	An aspen 10 ins. in diam. bears N34° W. 11 lks.dist., marked $\frac{1}{4}$ S18 BT.
	A yellow pine 10 ins. in diam. bears S65 $\frac{1}{4}$ °W.9 lks. dist. marked $\frac{1}{4}$ S.19 BT.
48.98	Head of draw course NW.
60.74	Highway from Bright Angel Point on the North rim of the Grand Canyon to Jacob's Lake Forest Service Ranger station on U.S.Highway No.89 bears NW. and SE.
61.74	Forest Service telephone line bears NW. and SE.
66.74	Leave level land on ridge bears NW. and SE. Descend 73 ft. over NE. slope.
70.34	Draw 10 lks. wide course NW. Ascend 28 ft. over SW. slope.
71.34	Intersect a yellow pine 36 ins. in diam.,which mark for line tree with two notches on opposite sides facing the line.
74.24	Top of spur bears NW. Descend 28 ft. over NE. slope.
75.99	Head of draw course NW. Ascend 28 ft. over SW. slope.
77.54	Top of ridge bears NW. and SE. Enter level land. bears NW. and SE.
77.74	The cor. of secs.17,18,19, and 20.

Land, level and rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, and aspen.
Undergrowth, juniper brush.

Survey of the Subdivision lines of T.36 N., R. 1 E.

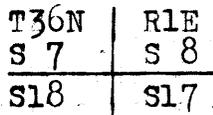
Chains.

- N 0°3'W. bet. secs. 17 and 18.
Over level land thru heavy timber and brush undergrowth.
on top of ridge.
- .62 Intersect a yellow pine 48 ins. in diam., which mark
for line tree with two notches on opposite
sides facing the line.
- 5.00 Leave level land bears E. and W.
Enter rolling land.
Descend gradually over N. slope to
- 39.00 Leave rolling land bears NW. and SE.
Descend 23 ft. over NE. slope
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



from which

- An aspen ins. in diam. bears N53°E. 24 lks. dist.,
marked $\frac{1}{4}$ S17 BT.
- A yellow pine ins. in diam. bears N47°W. 37 lks. dist.,
marked $\frac{1}{4}$ S18 BT.
- 55.00 Top of spur bears NE.
Descend 187 ft. over NW. slope.
- 61.00 Draw 50 lks. wide course NE.
Ascend 57 ft. over SE. slope.
- 66.00 Top of spur bears NE.
Descend 91 ft. over NW. slope.
- 67.66 The SW. cor. of fenced field
Wire fence lines bear NE. and SE.
- 70.00 Foot of descent in Lookout Canyon bears N68°W. and S68°E
- 72.47 The cor. of wire fence at NW. cor. of field bears E.
3.00 chs. dist.
- 73.37 Old wagon road bears N68°W. and S68°E.
- 73.50 Leave bottom of Lookout Canyon bears N68°W. and S68°E.
Ascend 50 ft. over SW. slope.
- 77.50 Top of spur bears NW.
Descend over NE. slope.
- 79.90 Drain 10 lks. wide course W.
Ascend over S. slope to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
the ground for cor. of secs. 7, 8, 17, and 18.,
marked on brass cap



1928

from which

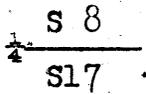
- A yellow pine 10 ins. in diam. bears N75°E., 9 lks. dist.,
marked T36N., R1E., S8 BT.
- An aspen 10 ins. in diam. bears S51°E. 90 lks. dist.,
marked T36N., R1E., S17 BT.
- A yellow pine 10 ins. in diam. bears S45°W. 53 lks. dist.
marked T36N., R1E., S18 BT.
- A yellow pine 10 ins. in diam. bears N44 $\frac{1}{2}$ °W. 62 lks. dist.,
marked T36N., R1E., S7 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

Land, level and rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, and aspen.
Undergrowth, juniper brush.

40.00 S 89°55'E on a random line bet. secs.8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
79.72 Intersect N. and S. line 10 lks. S. of the cor. of secs.
8,9,16, and 17.
Thence
N 89°59'W. on true line bet. secs.8 and 17.
Over rolling mountainous land, thru heavy timber and brush
undergrowth
Over level land on top of ridge.
9.00 Leave level land, bears NW. and SE.
Descend 268 ft. over steep SW. slope.
28.90 Ravine 20 lks. wide course NW.
Ascend 68 ft. over NE. slope.
33.00 Top of spur bears N.
Descend 26 ft. over NW. slope.
34.90 Head of draw course N.
Ascend 79 ft. over NE. slope.
39.86 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



1928

from which

A fir 8 ins. in diam. bears N52°W. 25 lks. dist.,
marked $\frac{1}{4}$ S 8 BT.
A fir 8 ins. in diam. bears S66°W. 13 lks. dist.,
marked $\frac{1}{4}$ S 17 BT.
Continue ascent 74 ft. over NE. slope.
45.00 Top of spur bears N.
Descend 460 ft. over NW. slope.
69.50 Head of draw course NW.
Continue ascent.
73.00 Top of spur bears N.W.
Descend over SW. slope to
79.72 The cor. of secs. 7, 8, 17, and 18.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine fir, and aspen.
Undergrowth, juniper brush.

40.00 N 89°47'W. on a random line bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
77.50 Intersect the W. bdy. of Tp. (G. and S. R. Meridian), 4 lks. S. of
the cor. of secs. 7, 12, 13, and 18., which is an
iron post 2 ins. in diam. projecting 10 ins. above
ground with brass cap properly marked and witness
by four properly marked bearing trees, one each

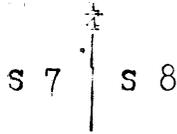
. Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	
	NE., SE., SW., and NW. of cor.
	Thence
	S 89°45'E. on true line bet. secs. 7 and 18.
	Descend SE. slope over rolling mountainous land, thru heavy timber and brush undergrowth.
10.00	Head of draw course SW.
	Ascend gradually over NW. slope.
15.00	Top of ridge bears NW. and SE.
	Enter level land.
31.40	Highway from Bright Angel Point on North rim of the Grand Canyon to Jacob's Lake Forest Ranger station on U.S. Highway No. 89 bears NW. and SE.
31.87	Forest Service telephone line bears NW. and SE.
37.50	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	<p>S 7</p> <hr style="width: 50px; margin: auto;"/> <p>S 18</p> <p>1928</p>
	from which
	A yellow pine 36 ins. in diam. bears N30°W. 50 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A yellow pine 8 ins. in diam. bears South 34 lks. dist., marked $\frac{1}{4}$ S18 BT.
	Leave level land bears NW. and SE.
	Descend 44 ft. over NE. slope.
41.60	Draw 10 lks. wide course NE.
	Ascend 56 ft. over NW. slope.
47.50	Top of spur bears NE.
	Descend 220 ft. over SE. slope.
60.50	A point 50 lks. N. of bend in draw from SW. to SE.
	Ascend gradually over SW. slope.
64.50	Top of spur bears SE.
	Descend 146 ft. over NE. slope.
68.50	Foot of descent in bottom of Lookout Canyon bears NW. and SE.
	Enter level land.
71.50	Old wagon road bears NW. and SE.
72.50	Leave level land in bottom of Lookout Canyon bears NW. and SE.
	Ascend gradually along draw to
77.50	The cor. of secs. 7, 8, 17, and 18.
	<p>Land, level, rolling, and mountainous.</p> <p>Soil, stony, 3 rd. rate.</p> <p>Timber, pine, fir, and aspen.</p> <p>Undergrowth, juniper brush.</p>
	N 0°3'W. bet. secs. 7 and 8.
	Over rolling mountainous land, thru heavy timber and brush undergrowth.
	Ascend 52 ft. over SW. slope.
4.00	Top of spur bears W.
	Descend 53 ft. over NW. slope.
12.63	Ravine 10 lks. wide course W.
	Ascend 100 ft. over S. slope.
16.50	Intersect a yellow pine 16 ins. in diam., which marked for line tree with two notches on opposite sides facing the line.
20.00	Top of spur bears NW.
	Descend 22 ft. over NE. slope.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

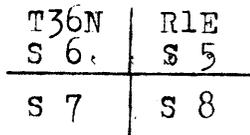
- 23.28 Head of draw course NW.
- Ascend 7 ft. over SW. slope.
- 26.00 Top of spur bears W.
- Descend 8 ft. over N. slope.
- 28.00 Draw course SW.
- Ascend 23 ft. over SE. slope
- 30.00 Top of spur bears W.
- Enter level land on spur.
- 33.00 Head of draw course W.
- 37.00 Leave level land on top of spur.
- Descend 17 ft. over NE. slope.
- 38.85 Head of draw course NW.
- Ascend over SW. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



1928

from which

- A yellow pine 18 ins. in diam. bears S83°E.36 lks. dist., marked $\frac{1}{4}$ S8 BT.
- A yellow pine 36 ins. in diam. bears N67°W.48 lks. dist., marked $\frac{1}{4}$ S7 BT.
- 45.00 Top of spur bears NW.
- Descend 97ft. over NE. slope.
- 50.68 Intersect a yellow pine 18 ins. in diam., which mark for line tree with two notches on opposite sides facing the line.
- 57.00 Enter Lost Canyon bears NW. and SE.
- 61.00 Leave canyon bears NW. and SE.
- Ascend 73 ft. over SW. slope.
- 62.50 The junction of Lookout and Lost Canyons bears W.8.00 chs. dist.
- 67.00 Top of spur bears W.
- Descend 87 ft. over NW. slope.
- 73.00 Draw 5 lks. wide near mouth course W.
- 78.00 Enter Lookout Canyon, bears SW. and North.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 5,6,7, and 8., marked on brass cap



1928

from which

- A yellow pine 10 ins. in diam. bears N40°E.35 lks. dist., marked T36N.,R1E.,S5 BT.
- A yellow pine 48 ins. in diam. bears S32°E.106 lks. dist., marked T36N.,R1E.,S8 BT.
- A yellow pine 24 ins. in diam. bears S45°W.487 lks. dist., marked T36N.,R1E.,S7 BT.
- A yellow pine 6 ins. in diam. bears N10°W.165 lks. dist., marked T36N.,R1E.,S6 BT.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine fir, and aspen.
Undergrowth, juniper brush.

40.00 S. 89°59'E. on a random line bet. secs. 5 and 8.
79.76 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 9 lks. S. of the cor. of secs.
4, 5, 8, and 9.

Thence
39.88 S 89°57'W. on true line bet. secs. 5 and 8.
Over level land on top of ridge, thru heavy timber and
brush undergrowth.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1928

from which

A yellow pine 40 ins. in diam. bears N36°E. 110 lks. dist.,
marked $\frac{1}{4}$ S5 BT.
A yellow pine 16 ins. in diam. bears S26 $\frac{1}{4}$ °W. 71 lks. dist.
marked $\frac{1}{4}$ S8 BT.
47.51 Leave level land on top of ridge bears NE. and SW.
Descend 79 ft. over NW. slope
53.33 Wash near head 5 lks. wide course SW.
Ascend 25 ft. over SE. slope
54.00 Top of ascent on S. slope of spur
Descend 168 ft. over SW. slope.
60.66 Same wash 5 lks. wide course NW.
Ascend 23 ft. over NE. slope
61.60 Top of ascent on N. slope of spur.
Descend 356 ft. over NW. slope.
76.57 Draw course SW.
Ascend 30 ft. over SE. slope
77.56 Top of spur slopes SW.
Descend 30 ft. over NW. slope.
79.50 Foot of slope in bottom of Lookout Canyon bears N. and S.
Enter level land.
79.76 The cor. of secs. 5, 6, 7, and 8.

Land, level and rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine for, and aspen.
Undergrowth.

40.00 N 89°45'W. on a random line bet. secs. 6 and 7.
77.60 Set temp. $\frac{1}{4}$ sec. cor.
Intersect the W. bdy. of Tp. (G. and S. R. Meridian) 25 lks. N. of
the cor. of secs. 1, 6, 7, and 12, which is an
iron post 2 ins. in diam. projecting 12 ins.
above ground with brass cap properly marked a
and witnessed by four properly marked bearing
trees, one each NE., SE., SW., and NW. of cor.

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains	Thence S 89°50'E. on true line bet. secs.6 and 7. Over rolling land on top of ridge thru heavy timber and undergrowth.
17.70	Draw 50 lks. wide course NE. Ascend 22 ft. over NW. slope.
20.00	Top of ridge bears NE. and SW. Enter nearly level land.
31.20	Highway from Bright Angel Point on the North rim of the Grand Canyon to the Jacobs Lake Forest Service Ranger station on U.S.Highway No.89 bears N12°E. and S12°W.
31.82	Forest Service telephone line bears N12°E. and S12°W.
37.60	Set an iron post 3.ft. long, 1 in. in diam.24 ins.in the ground for ¼ sec. cor.,marked on brass cap
	$\frac{S\ 6}{S\ 7}$
	1928
	from which
	A yellow pine 14 ins. in diam. bears N70°W.48 lks. dist., marked ¼ S6 BT.
	A yellow pine 6 ins. in diam. bears S59°E.56 lks. dist., marked ¼ S7 BT.
41.60	Leave level land on ridge bears N. and S. Descend 19 ft. over E. slope.
42.45	Wash 10 lks. wide course N.
46.30	Wash 10 lks. wide near head course NE. Ascend 6 ft. over NW. slope.
47.60	Top of spur bears NW. Descend 83 ft. over NE. slope to
57.50	Top of spur slopes NE. Continue descent 132 ft. over SE. slope.
75.00	Wash 10 lks. wide in bottom of Lookout Canyon course N.
75.25	Old wagon road bears N. and S. Ascend 14 ft. over W. slope to
77.60	The cor. of secs. 5,6,7,and 8.
	Land,level,rolling,and mountainous. Soil,stonny 3 rd. rate. Timber,pine,fir,and aspen. Undergrowth,juniper brush.

	N 0°3'W. bet. secs. 5 and 6. Over rolling mountainous land thru heavy timber and brush undergrowth. Ascend gradually over W.slope along E.side of Lookout Canyon
2.00	Point of spur slopes W. Descend 34 ft. over NW. slope.
28.00	A point 1.00 ch.E.of bend in canyon from S.to NW.
29.00	Leave canyon. Ascend 34 ft. over SW. slope to
40.00	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

Survey of the Subdivision lines of T.36 N., R.1 E.

Chains

$\begin{array}{c} \uparrow \\ \text{S6} \quad | \quad \text{S5} \end{array}$

1928

from which

- A yellow pine 20 ins. in diam. bears N13°E.32 lks. dist.,
marked $\frac{1}{2}$ S5 BT.
- A yellow pine 24 ins. in diam. bears S30°W.60 lks. dist.,
marked $\frac{1}{2}$ S6 BT.
- Continue along W.slope.
- 45.00 Ascend 20 ft. over SW. slope.
- 47.00 Top of spur bears NW.
- Descend 23 ft. over NE. slope.
- 48.50 Draw near head course SW.
- Ascend 29 ft. over SE. slope.
- 57.50 Top of spur bears W.
- Descend 115 ft. over NE. slope.
- 58.00 Enter draw course N.
- Continue descent in bottom of draw.
- 64.00 Enter Ogner Canyon bears N80°W. and S80°E.
- 67.50 Leave bottom of canyon bears N80°W. and S80°E.
- Ascend 272 ft. over SW. slope.
- 76.63 Intersect a yellow pine 36 ins. in diam. which mark for
line tree with two notches on opposite sides
facing the line.
- 80.34 Intersect the 9th. Std. Par. N. 232 lks. West of the Std. cor.
of secs. 31 and 32, T37N., R1E., which is an iron
post 2 ins. in diam. projecting 9 ins. above
ground with brass cap properly marked and
witnessed by two bearing trees properly
marked, one each NE. and NW. of cor.
- At this point of intersection, Set an iron post 3 ft.
long, 2 ins. in diam. 24 ins. in the ground for
closing cor. of secs. 5 and 6. T36N., R1E.,
marked on brass cap

T37N R1E
S31

$\begin{array}{c|c} \text{C/O} & \\ \hline \text{T36N} & \text{R1E} \\ \text{S6} & \text{S5} \end{array}$

1928

from which

- An oak 4 ins. in diam. bears S52°E.5 lks. dist.
marked CC BT.
- An oak 4 ins. in diam. bears S25 $\frac{1}{2}$ °W.7 lks. dist.,
marked CC BT.

Land, rolling mountainous.
Soil, stony 3 rd. rate.
Timber, pine, fir, spruce, oak, and aspen.
Undergrowth, oak, pine, and juniper brush.

FINAL FIELD TEST OF BUFF TRANSIT No.18000.

by

Benjamin J Kinsey, U.S. Surveyor.

June 23, 1928. in camp near the the center of sec. 11, T36N., R2E., of the Gila and Salt River Base and Meridian, Arizona, in latitude $36^{\circ}32'N.$ and longitude $112^{\circ}10'W.$ At $1^h 33.8^m$ a.m., l.m.t. observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined with a tack in stake driven firmly in the ground about 5-chains N.

Azimuth of Polaris at eastern elongation---= $1^{\circ}21'05''E.$

June 24, 1928. at $7^h 00^m$ a.m., standard time, lay off the azimuth of Polaris $1^{\circ}21'$ to the west and mark the meridian thus determined by a tack in stake driven firmly in the ground about 5-chains N.

At $8^h 00^m$ app.time, set off $36^{\circ}32'N.$ on the lat.arc, $23^{\circ}25\frac{1}{2}'N.$ on the decl.arc and determine a meridian with the solar which agrees with the true meridian, established as described above.

At the same station at apparent noon with the lat.arc unchanged, observe the sun on the meridian and obtain a reading on the decl.arc of $23^{\circ}25'N$ which agrees with the computed declination of the sun

At $4^h 00^m$ p.m., app.time with the lat arc unchanged, set off $23^{\circ}25\frac{1}{2}'N.$ on the decl.arc and determine a meridian with the solar which falls $\frac{1}{2}'$ W. of the meridian established by the Polaris observations.

Since all of the solar observations, made during the usual hours of solar work define positions for meridians which come within $1'30''$ of the true meridian established by the Polaris observations. conclude that the adjustments of the instrument have been maintained throughout the survey.

FINAL FIELD TEST OF YOUNG AND SONS TRANSIT No.8477.

by

Leroy R Hanson, U.S. Transitman.

June 24, 1928. in camp in the NE, cor. of sec. 6, T36N., R1E., of the Gila and Salt River Base and Meridian, Arizona, in latitude $36^{\circ}33'15''N.$ and longitude $112^{\circ}20'W.$ At $1^h 29.9^m$ a.m., l.m.t., observe Polaris at eastern elongation, making two observations, one each with telescope in direct and reversed positions and mark the mean point in the line thus determined by a tack driven in

stake set firmly in the ground 5 chs. N.

Azimuth of Polaris at eastern elongation---= $1^{\circ}21'07''$ E.

At $8^{h}00^{m}$ a.m., standard time, lay off the azimuth of Polaris $1^{\circ}21'$ to the west and mark the meridian thus determined by a tack driven in a stake set firmly in the ground 5 chs. N.

At $9^{h}00^{m}$ a.m., app. time, Set off $36^{\circ}33'$ N. on the lat. arc $23^{\circ}25\frac{1}{2}'$ N. on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon with the lat. arc unchanged, observe the sun on the meridian. The decl. arc reads $23^{\circ}25'$ N. which agrees with the computed declination of the sun.

At $3^{h}00^{m}$ p.m., app. time with the lat. arc unchanged, set off $23^{\circ}25'$ N. on the decl. arc and determine a meridian with the solar which agrees with the meridian established by the Polaris observations.

As all the solar observations made during the usual hours of solar work define positions for meridians which agree within $1'30''$ with the true meridian established by the Polaris observations, conclude that the instrument has remained in satisfactory adjustment throughout the survey.

GENERAL DESCRIPTION

The land embraced in this township is all of a rolling mountainous character and the soil ranges from 2nd. to 4th. rate. The township is highest in the vicinity of the east boundary and slopes in a northwesterly direction toward the Shinumo Canyon into which the numerous canyons which make up the drainage system of the township discharge their waters.

The land is drained in a northwesterly direction by several canyons and numerous washes, the more important of which being the Ogner, Lookout, and Lost canyons which cross thru the township in a northwesterly direction and the Sowats and Indian canyons which head in the southwestern part and flow in a westerly and southwesterly direction.

The township is poorly watered. two springs located one each in secs. 12 and 13 afford the only living water in the township.

The entire township is heavily timbered with pine, fir, spruce, and aspen many of the trees being very large and having a commercial value for lumber.

No valuable mineral or stone deposits were found within the township

The land within the township is accessible to transportation over three roads which cross the township in a northerly direction, one of which is a newly constructed highway leading from Bright

Angel Point on the north rim of the Grand Canyon to Jacobs Lake Ranger station, where it connects with U.S. Highway No. 89 one of the principal highways of the State.

Owing to the high elevation of the land and scarcity of permanent water in summer the pursuit of agriculture can not be successfully carried on in the township.

There are no settlers residing on the land in the township at the present time.

BOOK 3866

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Leroy R. Hanson U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 146, Arizona bearing date of the 11th day of May, 1927, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the East Boundary

and

Subdivision Lines of

Township 36 North, Range 1 East of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 146, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Date: JAN. 15, 1929.

Leroy R. Hanson U.S. Transitman

APPROVAL

Office of U. S. Supervisor of Surveys,

, 19

The foregoing field notes of the survey of

executed by

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

U. S. Supervisor of Surveys.

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

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

U. S. Supervisor of Surveys.

BOOK 3866

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Benjamin J. Kinsey, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 146, Arizona bearing date of the 11th day of May, 1927, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the Subdivision Lines of

Township 36 North, Range 1 East of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 146, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Benjamin J. Kinsey, U. S. Surveyor.

Date: JUN. 27, 1929.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., November 8, 1929.

The foregoing field notes of the survey of the East Boundary

and

Subdivision Lines of

Township 36 North, Range 1 East

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

executed by Benjamin J. Kinsey, U.S. Surveyor & Leroy R. Hanson, U.S. Transitman under special instructions dated May 11, 1927 for Group 146, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Leroy R. Hanson, U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.