

142

3536

BOOK 3536

4-679

Book "I"

Orig

FIELD NOTES

OF THE SURVEY OF THE

West boundary,

and

Subdivision lines

of

Township 28 North, Range 8 West.

3536

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Quintin Campbell, U. S. Surveyor,

and

Kenneth W. Bond, U. S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated February 25, 1920,
issued by the United States Surveyor General to govern surveys included in Group
No. 107, Arizona, which were approved by the Commissioner of the General Land
Office, March 8, 1920, and Assignment Instructions dated March 19 and 29, 1920,

Survey commenced May 26, 1920

Survey completed June 26, 1920

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Book "I."

BOOK 3536

Group 107 - - Arizona.

INDEX DIAGRAM.

Township 28 North				Range 8 West			
	Seventh	Standard	Parallel	North			
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						9	36

— Lines surveyed under this Group.

— Lines surveyed under current Group 105.

— Lines surveyed under current Group 106.

1B

Book "I"

DATE DIAGRAM

BOOK 3536

TOWNSHIP 28 NORTH, RANGE 8 WEST.

Seventh Std. Par. N.

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

For dates of execution of survey of this line see Book "B."

For dates of execution of survey of this line see Book "G"

On the above diagram:

Black lines indicate surveys executed by Quintin Campbell, U.S. Surveyor, on dates shown thereon.

Red lines indicate surveys executed by Kenneth W. Bond, U.S. Transitman, on dates shown thereon.

Blue lines indicate surveys executed under Groups Nos. 105 and 106.

Surveys hereinafter described executed on dates shown on diagram on page 1 hereof by Quintin Campbell, U.S. Surveyor, and Kenneth W. Bond, U.S. Transitman, using respectively, Young and Sons light mountain transits Nos. 8491 and 8477. Each instrument is equipped with full vertical circle, and the Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachments.

We examine the adjustment of each instrument and correct all errors; then, to test the solar apparatus by comparing its indications from observations made during a.m. and p.m. hours with a meridian established by Polaris, proceed with each instrument as follows:

May 24, 1920. At camp near the $\frac{1}{4}$ sec.cor. of secs. 16 and 21, T. 27 N., R. 8 W., Gila and Salt River Base and Meridian, Arizona, in latitude $35^{\circ}43'23''$ N., and longitude $113^{\circ}08'28''$ W., at 3h. 27.8m. 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, on a peg driven firmly in the ground, 8 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}23'3''$.

Lay off the azimuth of Polaris, $1^{\circ}23'$ to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground, 8 chs. N.

At 8h. 00m. a.m., l.m.t., set off $35^{\circ}43\frac{1}{2}'$ N. on the lat. arc; $20^{\circ}48'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat.arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is $20^{\circ}49\frac{1}{2}'$ N., which agrees with the computed decl. of the sun.

At 4h. 00m., p.m., l.m.t., with the lat.arc unchanged, set off $20^{\circ}51\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all the solar observations made with both instruments during the usual hours of solar work come within $1'30''$ of the true meridian, we conclude that the adjustments of the instruments are satisfactory.

Unless otherwise specified, all measurements are made with Lallie steel tapes, 2 and 5 chs. in length, compared with a Lufkin standard steel tape, and found correct. The measurements are made on the slope, the vertical angles determined; and the slope measurements properly reduced to true horizontal distances.

Survey of the West bdy. of T. 28 N. Range 8 West.

3

Chains.

From the cor. of Ts. 27 and 28 N., Rs. 8 and 9 W., de-
scribed in Book "G,"
North on true line, bet. secs. 31 and 36.
Over mountainous land, thru. dense timber and undergrowth.
Descend 187 ft., over steep W. slope, to
Ascend 17 ft., over S. slope.
25.40 Saddle in spur, sloping west.
28.60 Descend 10 ft. over N. slope.
30.40 Ascend 90 ft., over W. 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,

$$\begin{array}{|c|c|} \hline & \frac{1}{4} \\ \hline S36 & S31 \\ \hline \end{array}$$

1920

from which,

A juniper, 14 ins. in diam., brs. N. $45\frac{1}{2}^{\circ}$ E., 50 lks. dist., marked $\frac{1}{4}$ S 31 BT.

A pine, 10 ins. in diam., brs. S. $72\frac{1}{2}^{\circ}$ W., 70 lks. dist.; marked $\frac{1}{4}$ S 36 BT.

Ascend 40 ft., over W. slope, to
43.74 Descend 171 ft. over W. slope, to
51.79 Gulch, 50 lks. wide, course W.
Descend 110 ft., over W. slope, to
67.26 Gulch, 50 lks. wide, course W.
Ascend 10 ft., over S. slope.
71.01 Top of cliffs, 50 ft. high, bearing E. and W. facing N. From
foot of cliffs, descend 128 ft., over NW. slope, to
78.52 Center of bottom of canyon, 2 chs. wide, course SW.
Ascend 48 ft. over S. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, and deposit a stone marked with a cross
(x) at base of post, for cor. of secs. 25, 30, 31 and
36, marked on brass cap,

$$\begin{array}{|c|c|} \hline & T28N \\ \hline R9W. & R8W \\ \hline S25 & S30 \\ \hline S36 & S31 \\ \hline \end{array}$$

1920

from which,

A pine, 12 ins. in diam., brs. N. $14\frac{1}{2}^{\circ}$ E., 40 lks. dist., marked T28N R8W S30 BT.

A pine, 14 ins. in diam., brs. S. 11° E., 225 lks. dist., marked T28N R8W S31 BT.

A pine, 14 ins. in diam., brs. S. 7° W., 250 lks. dist., marked T28N R9W S36 BT.

Land, mountainous. No other trees available.

Soil, rocky, 4th rate.

Timber, dense juniper and pine.

Undergrowth, dense sagebrush, prickly ash and scrub oak.

No grass.

North, on true line, bet. secs. 25 and 30.
Over mountainous land, thru. dense timber and undergrowth.
Ascend 254 ft., over SE. slope, to
12.50 Descend 10 ft., over NE. slope, to
15.52 Head of gulch, 30 lks. wide, course S. 10° E.
Ascend 215 ft., over S. slope.
27.60 Spur, slopes SE.
Descend 92 ft., over NE. slope.
33.49 Gulch, 20 lks. wide, course SE.
Ascend 35 ft., over SE. slope.

4. West bdv. of Township 28 North, Range 8 West.

Chains.

- 36.30 Point of spur, slopes SE.
Descend 10 ft., over NE. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground, to bed rock, and raise a mound of stone
around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S25 S30
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1920

from which,

A pine, 12 ins. in diam., brs. N. 74° E., 10 lks.
dist., marked $\frac{1}{4}$ S 30 BT.

A pine, 12 ins. in diam., brs. S. 47° W., 74 lks.
dist., marked $\frac{1}{4}$ S 25 BT.

- 42.10 Descend 5 ft., over NE. slope.
Gulch, 10 lks. wide, course SE.
Ascend 285 ft., over S. slope.

63.05 Spur, slopes SE.

Descend 16 ft., over NE. slope, to

- 66.24 Ascend 25 ft., over E. slope, to
69.52 Descend 16 ft., over E. slope.

72.80 Ascend 52 ft., over SE. slope.

79.40 Point of spur, slopes NE.

- 80.00 Descend slightly over N. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to bed rock, deposit a stone marked with
a cross (x), at base of post, and raise a mound of
stone around post for cor. of secs. 19, 24, 25 and 30,
marked on brass cap,

T28N	
R9W R8W	
<u>S24</u> S19	
S25 S30	

1920

from which,

A pine, 10 ins. in diam., brs. S. 4° E., 13 lks.
dist., marked T28N R8W S30 BT.

A pine, 12 ins. in diam., brs. S. 32° W., 57 lks.
dist., marked T28N R9W S25 BT.

A pine, 8 ins. in diam., brs. N. 60° W., 90 lks.
dist., marked T28N R9W S24 BT.

Land, mountainous. No other trees available.
Soil, rocky and gravelly, 4th rate.

Timber, dense juniper and pine.

Undergrowth, dense scrub oak, prickly ash and sagebrush.
No grass.

North, on true line, bet. secs. 19 and 24.
Over mountainous land, thru. dense timber and undergrowth.

- 16.20 Descend 180 ft., over N. slope, to
Gulch, 20 lks. wide, course N. 70° E.

Ascend 30 ft., over S. slope.

- 24.30 Point of spur, slopes E.
Descend 28 ft., over N. slope.

- 27.15 Gulch, 20 lks. wide, course E.
Ascend 10 ft., over S. slope.

30.50 Point of spur, slopes E.

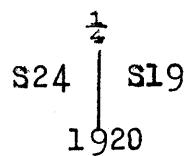
- 39.30 Descend 105 ft., over N. slope.
Gulch, 40 lks. wide, course N. 80° E.

- 40.00 Ascend 9 ft., over SE. 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,

West boundary of Township 28 North, Range 8 West.

5

Chains.



from which,

A pine, 12 ins. in diam., brs. S. $82\frac{1}{2}^{\circ}$ E., 14 lks.dist., marked $\frac{1}{4}$ S 19 BT.A pine, 12 ins. in diam., brs. N. 75° W., 100 lks.
dist., marked $\frac{1}{4}$ S 24 BT.

Ascend 50 ft., over SE. slope.

47.45 Point of spur, slopes NE.

Descend 76 ft., over N. slope.

51.20 Gulch, 40 lks. wide, course NE.

Ascend 122 ft., over SE. slope.

55.55 Point of spur, slopes E.

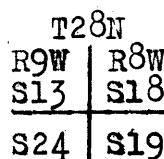
Descend 132 ft. over NE. slope.

68.69 Gulch, 70 lks. wide, course NE.

Ascend 140 ft., over SE. slope.

76.50 Point of spur, slopes NE.

Descend 20 ft., over N. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in
the ground to bed rock, and raise a mound of stone
around post, for cor. of secs. 13, 18, 19 and 24, marked
on brass cap,

from which,

A pine, 6 ins. in diam., brs. N. $19\frac{1}{2}^{\circ}$ E., 35 lks.
dist., marked T28N R8W S18 BT.A pine, 8 ins. in diam., brs. S. 12° E., 10 lks.
dist., marked T28N R8W S19 BT.A pine, 10 ins. in diam., brs. S. 79° W., 15 lks.
dist., marked T28N R9W S24 BT.A pine, 12 ins. in diam., brs. N. $27\frac{1}{2}^{\circ}$ W., 45 lks.
dist., marked T28N R9W S13 BT.

Land, mountainous.

Soil, rocky and gravelly, 4th rate.

Timber, dense juniper and pine.

Undergrowth, dense sagebrush and quinine brush.

No grass.

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

Over mountainous land, thru. dense timber and undergrowth.

Descend 234 ft., over N. slope.

12.52 Gulch, 30 lks. wide, course W.

Ascend 15 ft., over SW. slope.

14.70 Point of spur, slopes SW.

Descend 24 ft., over NW. slope.

16.34 Gulch, 50 lks. wide, course SW.

Ascend 225 ft., over S. slope.

25.80 Spur, slopes SW.

Descend 10 ft., over NW. slope.

27.27 Ascend 9 ft., over SW. slope.

Spur, slopes NW.

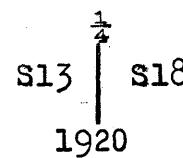
Descend 29 ft. over N. slope, to

30.97 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,

40.00

6 West boundary of Township, 28 North, Range 8 West.

Chains.

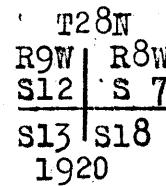


from which,

A pine, 12 ins. in diam. brs. S. $24\frac{3}{4}$ ° E., 111 lks.
dist., marked $\frac{1}{4}$ S 18 BT.

A pine, 10 ins. in diam., brs. N. $59\frac{1}{2}$ ° W., 51 lks.
dist., marked $\frac{1}{4}$ S 13 BT.

- Descend 95 ft., over NE. and E. slopes, to
Ascend 60 ft. over SE. slope.
Point of spur, slopes NE.
Descend 440 ft., over steep N. slope; to
Top of cliffs, bearing N. 70° E. and S. 70° W.; facing N.
Descend 275 ft. to
Foot of cliffs, brs. N. 70° E. and S. 70° W.
Descend 5 ft., over N. slope; to
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 7, 12, 13 and 18, marked on
brass cap,



from which,

A pine, 6 ins. in diam. brs. N. $41\frac{1}{2}$ ° E., 100 lks.
dist., marked T28N R8W S7 BT.

A pine, 18 ins. in diam., brs. S. $77\frac{1}{4}$ ° E., 10 lks.
dist., marked T28N R8W S18 BT.

A juniper, 8 ins. in diam., brs. N. 15° W., 99 lks.
dist., marked T28N R9W S12 BT.

A juniper, 12 ins. in diam., brs. S. $11\frac{3}{4}$ ° W., 120 lks.
dist., marked T28N R9W S13 BT.

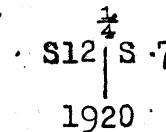
Land, mountainous.

Soil, rocky and gravelly, 4th rate.

Timber, dense juniper and pine.

Undergrowth, dense sagebrush, quinine brush and buck brush.
No grass.

- North, on true line, bet. secs. 7 and 12.
Over mountainous land, thru. dense timber and undergrowth.
Descend 5 ft., over N. slope, to
Bottom of canyon, 50 lks. wide, course W.
Ascend 480 ft., over steep S. slope.
Spur, slopes W.
Descend 100 ft., over N. slope, to
South or left rim of canyon, brs. E. and W. Leave dense, and
enter scattering timber.
Descend 240 ft., over steep N. slope, to
Bottom of canyon, 30 lks. wide, course W.
Ascend 23 ft., over S. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground to bed rock, and raise a mound of stone
around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,

A juniper, 6 ins. in diam., brs. N. $74\frac{1}{4}$ ° E., 190
lks. dist., marked $\frac{1}{4}$ S 7 BT.

West boundary of Township 28 North, Range 8 West.

7

Chains.	A pine, 6 ins. in diam., brs. N. 35° W., 170 lks. dist., marked $\frac{1}{4}$ S 12 BT. Ascend 237 ft., over S. slope. Spur, slopes SW. Descend 222 ft., over NW. slope. Bottom of canyon, 150 lks. wide, course S. 80° W. Ascend 112 ft., over S. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,	
62.09	T28N R9W R8W S 1 S 6 ----- S12 S 7 1920	
73.70	and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, juniper and pine, dense in S. 30 chs.; scattering elsewhere. Undergrowth, dense sagebrush and buck brush. No grass.	
80.00	----- North, on true line, bet. secs. 11 and 6. Over mountainous land, thru. very scattering timber and dense undergrowth. Ascend 304 ft., over S. slope. Spur, slopes SW. for about 4 chs., where it forks into two branches, one sloping N. and the other SW. Descend 20 ft. over N. slope, to Descend 25 ft., over NE. 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,	
27.50	S 1 S 6 ----- 1920	
37.50	from which, A pine, 18 ins. in diam., brs. N. 33° E., 170 lks. dist., marked $\frac{1}{4}$ S 6 BT. and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.	
40.00	Descend 170 ft., over E. and NE. slopes, to Intersect the 7th. Standard Parallel N. at a point 10.90 chs. W. of the standard $\frac{1}{4}$ sec. cor. of sec. 31, T. 29 N., R. 8 W., established under current Group No. 106, which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone N. of cor. No bearing trees. At point of intersection, set an iron post 3 ft. long, 3 ins. in diam., 6 ins. in the ground, to bedrock, deposit a stone, marked with a cross (x) at base of post and raise a mound of stone around post for closing cor. of Ts. 28 N., Rs. 8 and 9 W., marked on brass cap,	
66.40	T29N R8 W S31 ----- S 1 S 6 R9W R8W T28N C C 1920	

8 Survey of the West boundary of Township 28 North Range 8 West.

Chains.

Land, mountainous.
Soil, rocky and gravelly, 4th rate.
Timber, very scattering juniper and pine.
Undergrowth, dense sagebrush, prickly ash and scrub oak.
No grass.

Survey of Subdivision lines of T.28 N. R.38 W.

9

Chains.	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., described in Book "G," N. 0° 1' W., bet. secs. 35 and 36. Over rolling land, thru. scattering timber and undergrowth. Ascend 50 ft.
17.53	Spur, slopes E. Descend 154 ft., over N. slope.
23.56	Wash, 40 lks. wide, course SE. Leave rolling, and enter level land, bearing NW. and SE.
25.50	Road brs. SE. and NW.
29.45	Leave level, and enter rolling land.
40.00	Ascend 110 ft., over S. 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,
	$\begin{array}{c} \frac{1}{4} \\ S35 S36 \\ 1920 \end{array}$
	from which, A juniper, 20 ins. in diam., brs. N. 70 $\frac{1}{2}$ ° E., 200 lks. dist., marked $\frac{1}{4}$ S 36 BT.
	A juniper, 26 ins. in diam., brs. N. 78° W., 122 lks. dist., marked $\frac{1}{4}$ S 35 BT.
	Leave scattering, and enter dense undergrowth. Continue thru. scattering timber.
48.00	Ascend 18 ft., over S. slope.
59.02	Top of hill. Descend 71 ft., over N. slope.
68.00	Leave rolling, and enter level land.
80.00	Barb wire fence, brs. N. 60° E. and S. 60° W. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 36, 35 and 36, marked on brass cap,
	$\begin{array}{c} T28N R8. W \\ S26 S25 \\ S35 S36 \\ 1920 \end{array}$
	from which, A juniper, 5 ins. in diam., brs. N. 42 $\frac{1}{2}$ ° E., 62 lks. dist., marked T28N R8W S25 BT.
	A juniper, 7 ins. in diam., brs. S. 25 $\frac{1}{2}$ ° W., 263 lks. dist., marked T28N R8W S35 BT.
	A juniper, 4 ins. in diam., brs. N. 58° W., 171 lks. dist., marked T28N R8W S26 BT.
	Dig a pit 18x18x12 ins. SE. of post, 3 ft. dist. Land, rolling and level. Soil, sandy and gravelly loam, 1st and 3rd rate. Timber, scattering juniper and pine. Undergrowth, prickly ash, sagebrush, quinine brush, scrub juniper and scrub oak, scattering in S. $\frac{1}{2}$; dense in N. $\frac{1}{2}$. Fair grass.
40.00	East, on a random line, bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Fall 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., described in Book "B." Thence, N. 89° 58' W., on a true line, bet. secs. 25 and 36.
1.50	Over level land, thru. scattering undergrowth. Road brs. N. and S. extends northerly to Pine Springs and southeasterly to Seligman.
7.20	Wash, 50 lks. wide, course SW.
12.50	Wash, 50 lks. wide, course SE.
28.60	Wash, 40 lks. wide, 5 ft. deep, course SE.
40.02	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,

Subdivision lines of Township 28 North, Range 8 West.

Chains.

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

S 36

1920

- and dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist.
 Continue over level land, thru. scattering undergrowth.
 54.00 Leave level, and enter rolling land, scattering timber and dense undergrowth.
 Ascend 47 ft., over SE. slope.
 66.20 Point of low spur, slopes SE.
 Descend 27 ft., over SW. slope.
 68.50 Wash, 50 lks.wide, coarse S. Leave rolling, and enter level land.
 71.80 Barb wire fence, bns. NE. and SW.
 80.04 The cor. of secs. 25, 26, 35 and 36.
 Land, E. 54 chs. and W. 11 $\frac{1}{2}$ chs., level; remainder, rolling.
 Soil, sandy clay loam, 1st and 2nd rate.
 Timber, scattering juniper and pine in W. 26 chs. No timber in E. 54 chs.
 Undergrowth, sagebrush and prickly ash; scattering in E. 54 chs.; dense elsewhere.
 Good grass in W. 54 chs.; fair grass in W. 26 chs.
-

N. 0° 1' W., bet. secs. 25 and 26.

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

- 14.90 Ascend slightly over SE. slope, to
 Wash, 30 lks.wide, coarse SE. Leave nearly level, and enter gently rolling land.
 Ascend 5 ft. to
 17.00 Same wash, coarse SW.
 Ascend 3 ft. to
 18.10 Same wash, coarse SE.
 Ascend 20 ft., over S. slope.
 19.25 Barb wire fence, bns. E. and W.
 25.00 Low spur, slopes SE.
 Descend 28 ft., over NE. slope.
 28.60 Barb wire fence, bns. NE. and SW.
 32.40 Wash, 20 lks.wide, coarse E. Leave scattering, and enter dense timber.
 Ascend 25 ft., over S. 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,

 $\frac{1}{4}$
S26 | S25

1920

from which,

A juniper, 12 ins. in diam., bns. N. 12 $\frac{3}{4}$ ° E., 27 lks.dist., marked $\frac{1}{4}$ S 25 BT.A juniper, 12 ins. in diam., bns. S. 86 $\frac{1}{4}$ ° W., 27 lks.dist., marked $\frac{1}{4}$ S 26 BT.

- 43.50 Ascend 22 ft., over S. slope.
 Point of spur, slopes SE.
 Descend 35 ft., over NE. slope.
 51.27 Wash, 70 lks.wide, coarse SE. Leave dense, and enter scattering timber.
 Ascend 50 ft., over S. slope.
 Point of spur, slopes SE.
 Descend 70 ft., over NE. slope.
 79.60 Head of wash, 10 lks.wide, coarse E.
 Ascend slightly to
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, deposit a stone marked with a cross (x)

Subdivision lines of Township 28 North, Range 8 West. BOOK 3536

Chains. at base of post, for cor. of secs. 23, 24, 25 and 26,
marked on brass cap,

T28N	R8 W
S23	S24
S26	S25

1920

from which,

A forked pine, 8 ins. in diam., brs. S. 56° E., 388
lks. dist., marked T28N R8 W S25 BT.A juniper, 8 ins. in diam., brs. S. $10\frac{1}{2}^{\circ}$ W., 226
lks. dist., marked T28N R8W S26 BT.A juniper, 10 ins. in diam., brs. N. $39\frac{1}{4}^{\circ}$ W., 248
lks. dist., marked T28N R8W S23 BT.No other trees available.
Land, S. 15 chs., nearly level; N. 65 chs., gently rolling.

Soil, sandy and gravelly loam, 2nd rate.

Timber, juniper and pine, scattering in S. $32\frac{1}{2}$ chs. and
N. 29 chs. Dense elsewhere.

Undergrowth, dense sagebrush and prickly ash.

Fair grass.

- 40.00 S. $89^{\circ} 58'$ E., on a random line, bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.08 Fall 3 lks. S. of the cor. of secs. 19, 24, 25 and 30, on
the E. bdy. of the Tp., described in Book "B."
Thence,
N. $89^{\circ} 59'$ W., on a true line, bet. secs. 24 and 25.
Over level land, thru. very scattering timber and under-
growth.
- 4.54 Road, brs. N. and S. Extends northerly to Pine Springs, and
southeasterly to Seligman.
- 7.60 Wash, 20 lks. wide, course S. 20° E.
Leave level, and enter gently rolling land, dense timber
and undergrowth.
- 8.73 Ascend 29 ft., over E. slope.
Barb wire fence, brs. N. and S.
- 11.84 Descend 7 ft., over W. slope.
- 14.15 Wash, 70 lks. wide, course S. 10° E.
Ascend 70 ft., over E. slope.
- 32.00 Spur, slopes SE.
Descend 22 ft., over SW. slope, to
- 40.04 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,

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

1920

from which,

A juniper, 14 ins. in diam., brs. S. $72\frac{1}{2}^{\circ}$ W., 87
lks. dist., marked $\frac{1}{4}$ S 25 BT.A juniper, 12 ins. in diam., brs. N. $4\frac{1}{2}^{\circ}$ W., 27
lks. dist., marked $\frac{1}{4}$ S 24 BT.Descend 5 ft., over SW. slope, to
Wash, 20 lks. wide, course SE.

Ascend 40 ft., over E. slope.

Old road, brs. NE. and SW.

Barb wire fence, brs. N. 70° W. and S. 70° E.55.00 Point of spur, slopes SE. Leave dense and enter scattering
timber.

Descend 27 ft., over SW. slope, to

Thence along S. and SE. slope, ascending 30 ft., to
The cor. of secs. 23, 24, 25 and 26.Land, E. $7\frac{1}{2}$ chs. level; remainder, gently rolling.

Soil, sandy and gravelly loam, 1st and 2nd rate.

Timber, juniper and pine, very scattering in E. $7\frac{1}{2}$ chs.,
scattering in W. 25 chs.; dense elsewhere.Undergrowth, scrub oak & sagebrush, very scattering in E. $7\frac{1}{2}$
chs.; dense elsewhere. Good grass in E. $7\frac{1}{2}$ chs.; fair grass
elsewhere.

12 Subdivision lines of Township 28 North, Range 8 West.

	Chains.	N.0°1'W., bet. secs. 23 and 24. Over gently rolling land, thru. scattering timber and undergrowth. Ascend 20 ft., over SE. slope. Barb wire fence brs. W. and S. 70° E. Ascend 45 ft., over S. slope. Spur, slopes SE. Leave scattering and enter dense timber. Descend 32 ft., over NE. slope. A juniper, 20 ins. in diam., on line, marked with 2 notches on each of N. and S. faces. Old road, brs. N. 65° W. and S. 65° E. Ascend 53 ft., over SE. 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,
5.06		
10.00		
14.50		
15.90		
29.60		
32.60		
40.00		
44.20		
49.15		
53.29		
65.00		
72.03		
79.60		
80.00		
40.00		S. 89° 59' E., on a random line, bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor. Fall 3 lks. S. of the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., described in Book B. Thence,
80.06		West, on a true line, bet. secs. 13 and 24. Over level land, in valley devoid of timber or undergrowth.

S23 S24

1920

from which,

A juniper, 6 ins. in diam., brs. N. 76 $\frac{1}{2}$ ° E., 12 lks.dist., marked $\frac{1}{4}$ S 24 BT.A pine, 7 ins. in diam., brs. S. 72 $\frac{1}{2}$ ° W., 12 lks.dist., marked $\frac{1}{4}$ S 23 BT.

Ascend 10 ft., over S. slope.

Spur, slopes SE. .

Descend 46 ft., over NE. slope, to

Wash, 70 lks. wide, course NE. near head.

Descend 15 ft., over NE. slope.

Wash, 10 lks. wide, course E.

Ascend 43 ft., over S. slope, to

Top of ascent, brs. E. and W. Leave gently rolling land, dense timber, and scattering undergrowth; and enter level land on bench, dense undergrowth, and very scattering timber.

Wash, 20 lks. wide, course S. 50° E.

Road brs. N. 70° W. and S. 70° E.

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

T28N R8 W

S14 S13

S23 S24

1920

from which,

A juniper, 36 ins. in diam., brs. N. 40° E., 687 lks.

dist., marked T28N R8W S13 BT.

dig pits 18x18x12 ins., one each N. N. E. S. E. SW. and NW. of post 3 ft. dist.

Land, S. 65 chs., gently rolling; N. 15 chs., level.

Soil, sandy loam, 2nd rate.

Timber, juniper and pine, scattering in S. 14 $\frac{1}{2}$ chs., very scattering in N. 15 chs.; dense elsewhere.

Undergrowth, sagebrush and scrub juniper, scattering in S. 65 chs.; dense elsewhere.

Fair grass.

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

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

Fall 3 lks. S. of the cor. of secs. 13, 18, 19 and 24, on

the E. bdy. of the Tp., described in Book B.

Thence,

West, on a true line, bet. secs. 13 and 24.

Over level land, in valley devoid of timber or undergrowth.

ROCK 3536

Subdivision lines of Township 28 North, Range 8 West. 13

Chains.	
14.36	Barb wire fence, brs. N. 80° E. and S. 80° W.
20.16	Barb wire fence, brs. N. and S.
23.02	Wash, 100 lks. wide, and 10 ft. deep, course S. Leave level, open land, and enter rolling land, scattering timber, and dense undergrowth.
23.52	Ascend 20 ft., over SE. slope.
26.88	Sanford's reservoir, brs. 5. chs. N.
31.90	Road brs. N. 20° W. and S. 20° E. Extends northerly to Pine
32.60	Springs and southerly to Seligman.
33.85	Descend 7 ft. over SW. slope, to
34.45	Wash, 30 lks. wide, course SE.
36.80	Ascend slightly over SE. slope, to
39.46	Wash, 40 lks. wide, course SE.
40.03	Ascend 62 ft., over E. slope.
40.03	Road, brs. N. and S.
40.03	Point of spur, slopes SE.
40.03	Descend 30 ft., over SW. slope.
40.03	Wash, 10 lks. wide, course SE.
40.03	Ascend slightly over E. slope, to
40.03	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,

$\frac{1}{4}$ S 13
S 24
1920

from which,

A pine, 24 ins. in diam., brs. N. $68\frac{1}{2}^{\circ}$ E., 130 lks.
dist., marked $\frac{1}{4}$ S 13 BT.

A pine, 13 ins. in diam., brs. S. $64\frac{1}{2}^{\circ}$ W., 105 lks.
dist., marked $\frac{1}{4}$ S 24 BT.

Ascend 80 ft., over E. slope.

49.76 Point of spur, slopes SE.

Descend 35 ft. over SW. slope, to

59.86 Foot of descent, brs. NW. and SE. Leave rolling, and enter nearly level land on bench.

Ascend slightly over SE. slope, to

80.06 The cor. of secs. 13, 14, 23 and 24.

Land, E. 23 chs. level; W. 20 chs., nearly level; remainder, rolling.

Soil in E. 23 chs. sandy clay, 1st rate; in remainder,
sandy and gravelly loam, 2nd rate.

Timber, scattering juniper and pine in W. 57 chs. No timber in E. 23 chs.

Undergrowth, dense sagebrush in W. 57 chs.; none elsewhere.

Good grass in E. 23 chs. Fair grass elsewhere.

N. 0° 1' W., bet. secs. 13 and 14.

Over level land, thru. very scattering timber and dense undergrowth.

5.00 Foot of descent, brs. NE. and W. Leave level land and very scattering timber, and enter mountainous land and dense timber. Continue thru. dense undergrowth.

Ascend 270 ft., over S. slope.

22.80 Spur, slopes E.

Descend 99 ft. over N. slope.

29.50 Gulch, 10 lks. wide, course NE.

39.86 Descend 55 ft., over NE. slope, to

Gulch, 15 lks. wide, course E.

Ascend slightly 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,

$\frac{1}{4}$
S14 | S13
1920

from which,

14 Subdivision lines of Township 28 North, Range 8 West.

Chains.	A pine, 20 ins. in diam., brs. N. $69\frac{1}{2}^{\circ}$ E., 116 lks. dist., marked $\frac{1}{4}$ S 13 BT. A pine, 16 ins. in diam., brs. S. $55\frac{1}{2}^{\circ}$ W., 75 lks. dist., marked $\frac{1}{4}$ S 14 BT. Ascend 61 ft. over S.slope. Spur, slopes E. Descend 101 ft., over N.E. slope. Gulch, 25 lks. wide, course SE. Ascend 65 ft., over S.slope. Spur, slopes E. Descend 80 ft., over N.slope. Gulch, 30 lks. wide, course E. Ascend 10 ft., over SE.slope, to Gulch, 5 lks. wide, course SE.. Ascend 30 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. 11, 12, 13 and 14, marked on brass cap,
	T28N R8 W S11 S12 S14 S13 1920
	from which, A juniper, 14 ins. in diam., brs. N. 71° E., 88 lks. dist., marked T28N R8W S12 BT. A pine, 6 ins. in diam., brs. S. 48° E., 31 lks. dist., marked T28N R8W S13 BT. A cedar, 30 ins. in diam., brs. S. 15° W., 215 lks. dist., marked T28N R8W S14 BT. A pine, 9 ins. in diam., brs. N. 6° W., 112 lks. dist., marked T28N R8W S11 BT. Land, S. 5 chs. level; remainder, mountainous. Soil, S. 5 chs., sandy and gravelly, 2nd rate; rocky and gravelly, 4th rate, in remainder. Timber, pine, juniper and cedar, very scattering in S. 5 chs.; dense elsewhere. Undergrowth, dense sage brush, scrub oak, manzanita and prickly ash. Fair grass.
40.00	----- East, on a random line, bet. secs. 12 and 13. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Fall 14 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., described in Book "B." Thence, S. $89^{\circ}54'W.$, on a true line, bet. secs. 12 and 13. Over rolling land, thru. scattering undergrowth: Descend 110 ft., over NW.slope.
14.70	Road, brs. N. 20° E. and S. 20° W.; extends northeasterly to Supai Indian Village.
17.20	Gully, 20 lks. wide, course SW.
23.00	Ascend 33 ft., over SE.slope.
26.80	Barb wire fence, brs. NW. and SE.
30.00	Point of spur, slopes S.
37.30	Descend 62 ft., over W.slope, to Foot of descent, brs. N. and S. Leave rolling land, and enter level grassy bottom of valley, bearing N. and S.
40.00	Road, brs. N. and S. Extends northwesterly to Prospect Valley, and southeasterly to Seligman. 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,

$\frac{1}{4}$ S 12
 $\frac{1}{4}$ S 13
1920

from which,

Subdivision lines of Township 28 North, Range 8 West.

15

Chains.	A pine, 24 ins. in diam., brs. N. $51^{\circ}W.$, 156 lks.dist., marked $\frac{1}{4}$ S 12 BT. A pine, 30 ins. in diam., brs. N. $42^{\circ}W.$, 118 lks.dist., marked $\frac{1}{4}$ S 13 BT. Enter scattering timber. Continue over level grassy bottom of valley.
44.00	Gully, 25 lks.wide, course S. $10^{\circ}E.$
48.50	Fence cbr. brs. N. 120 lks.dist., from which fence extends W. and N. $25^{\circ}E.$
55.50	Leave level grassy bottom of valley and scattering timber and undergrowth, and enter rolling land, dense timber and undergrowth. Ascend 55 ft. over SE. slope.
67.70	Descend 23 ft., over S. slope.
71.00	Gully, 20 lks.wide, course SE.
80.00	Ascend 50 ft. over SE. slope, to The cor. of secs. 11, 12, 13 and 14. Land, E. 30 chs. and W. $24\frac{1}{2}$ chs. rolling; remainder, level. Soil, rocky and gravelly, 4th rate. Timber, juniper and pine, scattering and dense in W. $\frac{1}{2}$; no timber in E. $\frac{1}{2}$. Undergrowth, scrub oak, prickly ash, manzanita and sage-brush, scattering in E. $55\frac{1}{2}$ chs.; dense in remainder. Good grass in valley; fair grass elsewhere.

	N. $0^{\circ}1'W.$, bet. secs. 11 and 12. Over rolling land, thru. dense timber and undergrowth. Ascend 20 ft., over S. slope.
2.80	Old road, brs. E. and W.
4.75	Descend 43 ft., over N. slope.
6.80	Barb wire fence brs. E. and W.
9.40	Gully 10 lks.wide, course E.
11.50	Ascend 34 ft., over SE. slope. Point of spur, slopes E.
13.90	Descend 10 ft., over NE. slope. Gully, 20 lks. wide, course SE.
21.50	Ascend 30 ft., over SW. slope. Spur, slopes SE. Leave dense and enter scattering timber.
28.80	Descend 22 ft., over NE. slope. Gully, 30 lks.wide, course SE.
40.00	Ascend 38 ft., over S. 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,

S11 | S12

1920

from which,

	A pine, 14 ins. in diam., brs. N. $3\frac{1}{2}^{\circ}E.$, 145 lks.dist., marked $\frac{1}{4}$ S 12 BT. A pine, 30 ins. in diam., brs. N. $16^{\circ}W.$, 118 lks.dist., marked $\frac{1}{4}$ S 11 BT.
45.15	Descend 28 ft., over NE. slope. Gully, 20 lks.wide, course SE.
49.80	Ascend 58 ft., over S. slope. Spur, slopes SE.
55.70	Descend 28 ft., over NE. slope, to Gully, 10 lks.wide, course SE.
58.00	Ascend slightly over SE. slope, to Gully, 10 lks.wide, course SE.
80.00	Ascend 67 ft., over SE. 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,

T28N | R8W

S 2 | S 1

S11 | S12

1920

16 Subdivision lines of Township 28 North, Range 8 West.

Chains.

	from which, A pine, 30 ins. in diam., brs. N. $16\frac{1}{2}$ ° E., 241 lks. dist., marked T28N R8W S1 BT. A pine, 30 ins. in diam., brs. S. $32\frac{3}{4}$ ° E., 442 lks. dist., marked T28N R8W S12 BT. A pine, 30 ins. in diam., brs. S. $81\frac{1}{2}$ ° W., 181 lks. dist., marked T28N R8W S11 BT. A pine, 28 ins. in diam., brs. N. $37\frac{1}{2}$ ° W., 116 lks. dist., marked T28N R8W S2 BT. Land, rolling. Soil, rocky and gravelly, 4th rate. Timber, juniper and pine, dense in S. $21\frac{1}{2}$ chs., scattering elsewhere. Undergrowth, dense scrub oak and prickly ash. No grass.
40.00	N. $89^{\circ} 54'$ E., on a random line, bet. secs. 1 and 12. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Fall 5 lks. S. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of the Tp., described in Book "B." Thence,
7.22	S. $89^{\circ} 52'$ W., on a true line, bet. secs. 1 and 12. Over rolling land, thru. scattering timber and undergrowth. Ascend 55 ft., over SE. slope. Descend 20 ft., over SW. slope.
14.11	Ascend 20 ft., over E. slope.
17.00	Fence cor. brs. S. 30 lks. dist., from which fence extends S. 45° E. and N. 75° W.
18.00	Long spur, slopes S. Descend 40 ft.
21.20	Fence brs. N. 75° W. and S. 75° E.
21.60	Gully, 10 lks. wide, course NW. near head. Ascend 30 ft., over NE. slope.
29.80	Descend 40 ft., over NW. slope.
34.00	Draw, 50 lks. wide, course SW. Ascend 20 ft., over SE. 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,
	<u>S 1</u> <u>S 4</u> <u>S 12</u> 1920
	from which, A pine, 20 ins. in diam., brs. N. $86\frac{1}{2}$ ° E., 138 lks. dist., marked $\frac{1}{4}$ S 1 BT. A pine, 20 ins. in diam., brs. S. 80° E., 130 lks. dist., marked $\frac{1}{4}$ S 12 BT.
41.80	Ascend 19 ft., over SE. slope. Point of spur, slopes NW. Descend 53 ft., over SW. slope.
49.50	A cabin brs. N. 7 chs. dist.
50.40	A cabin brs. S. 2 chs. dist.
	Road; brs. N. and S. Extends northwesterly to Prospect Valley and southeasterly to Seligman.
53.50	A well brs. S. 275 lks. dist.
56.40	Draw, 40 lks. wide, course S.
63.50	Ascend 36 ft., over E. slope. Fence brs. NW. and SE.
67.50	Descend 17 ft., over SW. slope. Draw, 15 lks. wide, course SE.
72.20	Ascend 52 ft., over E. slope to sec. cor. Road brs. NW. and SE. Extends northwesterly to Pine Springs and southeasterly to Seligman.
80.00	The cor. of secs. 1, 2, 11 and 12. Land, rolling. Soil, rocky and gravelly, 4th rate. Timber, scattering pine and juniper. Undergrowth, scattering scrub oak and prickly ash. No grass.

Subdivision lines of Township 28 North, Range 8 West. 17

Chains.

- N.0°1'W., on true line, bet. secs.1 and 2.
Over rolling land, thru. scattering timber and undergrowth.
Descend 42 ft., over NE. slope, to
8.30 Fence brs. E. and W.
9.00 Cabin, brs.E., about 8 chs.dist.
10.10 Pipe line, brs.E. and W. Extends from windmill and well,
about 15 chs.west, to tank, about 6 chs.east.
10.80 Road, brs.E. and W. Extends W. about 12 chs. to cabin.
This cabin, the windmill, and well, and other cabin is
known as "Pine Springs."
At about 2 chs. N. of line, the road turns to SE., and ex-
tends southeasterly to the Seligman-Prospect valley
road.
11.10 Draw, 20 lks.wide, course SE.
Ascend 10 ft., over SE., to
14.60 Gully, 10 lks.wide, course SE.
Ascend 70 ft., over SE.slope, to
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in
ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ S 2 | S 1 \\ 1920 \end{array}$$

from which,

An oak, 6 ins. in diam., brs.S.81 $\frac{1}{2}$ °W., 162 lks.
dist., marked $\frac{1}{4}$ S 2 BT.

A pine, 16 ins. in diam., brs.S.41 $\frac{1}{2}$ °E., 230 lks.
dist., marked $\frac{1}{4}$ S 1 BT.

- 45.85 Descend 32 ft., over NE.slope, to
Draw, 20 lks.wide, course SE.
Ascend 60 ft., over SE.slope, to
57.15 Descend 40 ft., over E.slope, to
64.30 West edge of draw, brs.NW. and SE. Thence along W. side of
of draw, 5 chs.wide, course SE. from N.
Ascend slightly to
66.32 Intersect the N. bdy. of the Tp. (7th.Std.Parallel N.) at
a point 13.79 chs.west of the standard $\frac{1}{4}$ sec.cor. of
sec.36, T.29 N., R.8 W., established under current
group No.106, which is an iron post, 1 in. in diam.,
projecting 12 ins. above ground, firmly set, properly
marked on brass cap, and witnessed by two properly
marked bearing trees, as follows:

A cedar, N.7°E., 56 lks.dist., and
A cedar, West 67 lks.dist.

At point of intersection, set an iron post, 3 ft.long,
2 ins.in diam., 24 ins. in the ground, for closing cor.
of secs. 1 and 2, marked on brass cap,

$$\begin{array}{c} T29N R8 W \\ S36 \\ \hline S 2 | S 1 \\ T28N R8 W \\ C C \\ 1920 \end{array}$$

from which,

A pine, 18 ins. in diam., brs.S.69 $\frac{1}{2}$ °E., 405 lks.
lks.dist., marked T28N R8W.S1 CC BT.

A pine, 36 ins. in diam., brs.S.12°W., 349
lks.dist., marked T28N R8W.S2 CC BT.

Land, rolling.

Soil, rocky and gravelly, 3rd and 4th rate.

Timber, scattering juniper and pine.

Undergrowth, scattering prickly ash and scrub oak.

Fair grass.

18 Subdivision lines of Township 28 North, Range 8 West.

Chains.	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., described in Book "G," N. 0° 1' W., bet. secs. 34 and 35. Over roughly rolling land, thru. dense timber and undergrowth. Ascend 13 ft., over S. slope. Spur, slopes E. Descend 100 ft., over N. slope. Gully, 10 lks. wide, course NE. Ascend 30 ft., over SE. slope. Descend 60 ft., over N. slope. A pine, 20 ins. in diam. on line, marked with 2 notches on each of N. and S. faces. Gully, 10 lks. wide, course NE. Leave roughly rolling land and dense timber, and enter nearly level land, and very scattering timber. 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,
1.69	
19.90	
26.05	
28.05	
36.90	
40.00	

 $\frac{1}{4}$

S34 | S35

1920

from which,

A pine, 16 ins. in diam., brs. S. $59\frac{1}{2}^{\circ}$ E., 360 lks. dist., marked $\frac{1}{4}$ S 35 BT.A pine, 32 ins. in diam., brs. S. $86\frac{3}{4}^{\circ}$ W., 240 lks. dist., marked $\frac{1}{4}$ S 34 BT.

Continue over nearly level land, thru. very scattering timber and dense undergrowth, along E. slope, with slight change in elevation.

Road, brs. NE. and SW.

Gully, 10 lks. wide, course N. 80° E.

Fence, brs. E. and W. This fence corners at about 3/4 acres. End W. of line, and extends north, enclosing small cultivated tract of land of about 2 acres.

Ascend 20 ft., over SE. slope.

Fence, brs. E. and W. Leave cultivated inclosed tract - nearly level land and very scattering timber, and enter rolling land and scattering timber.

Ascend 20 ft., over SE. slope.

Point of spur, slopes E.

Descend 25 ft., over NE. slope.

Wash, 50 lks. wide, course SE.

Ascend 10 ft., over SE. slope.

Road brs. NW. and SE.

Fence, brs. N. 10° W. and S. 70° E.

Descend 20 ft., over NE. slope, to

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,

T28N R8 W
S27 | S26

S34 | S35

1920

from which,

A juniper, 36 ins. in diam., brs. N. $42\frac{3}{4}^{\circ}$ E., 194 lks. dist., marked T28N R8W S26 BT.A pine, 16 ins. in diam., brs. S. $35\frac{3}{4}^{\circ}$ E., 62 lks.

dist., marked T28N R8W S35 BT.

A pine, 8 ins. in diam., brs. S. $62\frac{1}{2}^{\circ}$ W., 21 lks.

dist., marked T28N R8W S34 BT.

A pine, 12 ins. in diam., brs. N. 6° W., 168 lks.

dist., marked T28N R8W S27 BT.

FICK 3536

Subdivision lines of Township 28 North, Range 8 West.

10

Chains.	
	Land, S.37 chs., roughly rolling; N.15 chs., rolling, remainder, nearly level. Soil, sandy and gravelly loam, 3rd rate. Timber, juniper and pine, dense in S. 37 chs., scattering in N.15 chs.; very scattering elsewhere. Undergrowth, dense sagebrush, prickly ash and scrub juniper. Fair grass.
40.00	East, on a random line, bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec.cor.
80.02	Intersect the corner of secs. 25, 26, 35 and 36. Thence,
	West, on a true line, bet. secs. 26 and 35. Over level land, thru. scattering timber and dense undergrowth.
10.00	Leave level, and enter gently rolling land. Ascend 16 ft., over SE. slope.
17.20	Descend 16 ft., over SW. slope.
21.08	Wash, 150 lks. wide, course S. $20^{\circ} \frac{1}{4}$.
39.50	Ascend 45 ft., over SE. slope. Point of spur, slopes S.
40.01	Descend slightly to 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,
	$\frac{1}{4}$ S 26 S 35 1920
	from which, A pine, 8 ins. in diam., brs. S. $63\frac{3}{4}^{\circ}$ E., 139 lks. dist., marked $\frac{1}{4}$ S 35 BT. A forked pine, 14 ins. in diam., brs. N. $63\frac{3}{4}^{\circ}$ E., 147 lks. dist., marked $\frac{1}{4}$ S 26 BT.
44.60	Descend 26 ft., over W. slope. Wash, 10 lks. wide, course S.
49.70	Ascend 25 ft., over E. slope. Descend 40 ft., over SW. slope.
64.22	Road, brs. SE. and NW.
67.90	Wash, 20 lks. wide, course SE. Ascend 20 ft., over E. slope, to
75.00	Leave gently rolling, and enter level land.
80.02	The cor. of secs. 26, 27, 34. and 35. Land, E. 10 chs. and W. 5 chs. level; and remainder, gently rolling. Soil, sandy and gravelly loam, 3rd rate. Timber, scattering juniper and pine. Undergrowth, dense sagebrush and scrub juniper. Fair grass.
6.80	N. 0° 1' W., bet. secs. 26 and 27. Over rolling land, thru. scattering timber and dense undergrowth. Descend 19 ft., over NE. slope. Wash, 5 lks. wide, course SE.
16.80	Ascend 24 ft., over S. slope.
17.82	Descend 15 ft., over NE. slope. A juniper, 16 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
21.80	Road, brs. NE. and SW.
23.59	Wash, 30 lks. wide, course SE. Ascend 55 ft., over S. slope.
23.80	Same road, brs. NW. and SE.
27.30	Road brs. NW. and SE.
36.43	Center of dam, brs. N. $48^{\circ} 47'$ W.
37.35	Point of spur, slopes SW. Descend 20 ft., over NW. slope.
58.90	Wash, 5 lks. wide, course W., and; and incl. 10° over NW. slope, to

20 Subdivision lines of Township 28 North, Range 8 West.

Chains.

38.90 Wash, 5 lks.wide, course W. near head; ascend slightly 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,

 $\frac{1}{4}$

S27 | S26

1920

from which,

A pine, 14 ins. in diam., brs. N. $89\frac{1}{4}$ ° E., 59 lks.dist., marked $\frac{1}{4}$ S 26 BT.A juniper, 18 ins. in diam., brs. N. $80\frac{1}{2}$ ° W., 31 lks.dist., marked $\frac{1}{4}$ S 27 BT.House at the Caufman Ranch, brs.West about 10 chs.dist. Ascend 26 ft., over W. slope, to
Top of ascent. Center of dam, brs.S.86°48'W.; barn at Caufman's ranch brs.West about 25 chs.dist.

44.37 Descend 41 ft., over NW.slope.
48.32 Wash, 5 lks.wide, course S.80°W. Asc.35 ft. over SE.slope.
49.96 Fence brs.N.75°E. and S.75°W.
52.76 Road brs.N.70°E. and S.70°W.
54.34 The NW.cor. of Indian house brs.S.50°8'E., 274 lks.dist.
59.34 Ascend very gradually along E. slope to sec.cor.
64.22 Same road, brs.NW. and SE.
73.60 Fence brs.NW. and SE., corners at about 3 chs.NW., and extends N.
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,

T28N R8 W

S22 | S23

S27 | S26

1920

from which,

A pine, 26 ins. in diam., brs.N. $37\frac{1}{2}$ ° E., 110 lks.dist., marked T28N.R8W S23 BT.

A pine, 16 ins.in diam., brs.S.7°E., 166 lks.dist., marked T28N R8W S26 BT.

A pine, 14 ins.in diam., brs.S.31°W., 141 lks.dist., marked T28N R8W S27 BT.

A pine, 22 ins.in diam., brs.N. $42\frac{3}{4}$ °W., 86 lks.dist., marked T28N R8W S22 BT.

Land, rolling.

Soil, sandy clay loam, 2nd rate.

Timber, scattering juniper and pine.

Undergrowth, dense sagebrush, scrub juniper and prickly ash.

Fair grass.

40.00 East, on a random line, bet. secs.23 and 26.
Set temp. $\frac{1}{4}$ sec.cor.
79.96 Intersect the cor.of secs.23,24, 25 and 26.
Thence,
West, on true line, bet. secs.23 and 26.
Over gently rolling land, thru. scattering timber and dense undergrowth.
Ascend 40 ft., over E.slope.
7.07 Spur, slopes S. from NW.
9.10 Descend 35 ft., over W. and SW.slopes.
Barb wire fence, brs.NE. and SW.
Leave scattering, and enter dense timber.
23.60 Wash, 20 lks.wide, course SE.
Ascend 45 ft., over E.slope.
35.55 Leave dense, and enter scattering timber.

EOKK 3536

Subdivision lines of Township 28 North, Range 8 West. 21

Chains.

39.98 Descend 20 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,

$$\begin{array}{r} \frac{1}{4} S 23 \\ \hline S 26 \\ 1920 \end{array}$$

from which,

A pine, 8 ins. in diam., brs. S. $87\frac{1}{4}^{\circ}$ W., 329
lks.dist., marked $\frac{1}{4}$ S 26 BT.

A pine, 24 ins. in diam., brs. N. $13\frac{1}{4}^{\circ}$ W., 436
lks.dist., marked $\frac{1}{4}$ S 23 BT.

Ascend 38 ft., over SE. slope.

Descend 44 ft., over SW. slope.

Wash, 20 lks.wide, course SE.

Ascend slightly over SE.slope, to

Wash, 20 lks.wide, course SE.

Ascend 32 ft., over SE.slope, to

Wash, 10 lks. wide, course S. 10° E.

Ascend slightly over E.slope; to

The cor.of secs. 22,23, 26 and 27.

Land, gently rolling.

Soil, sandy clay loam, 2nd rate.

Timber, scattering juniper and pine.

Undergrowth, dense sagebrush, scrub oak and prickly ash.

Fair grass.

N. $0^{\circ}1'W.$, bet. secs. 22 and 23..

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

1.40 Descend slightly over E. slope, to
Wash, 10 lks.wide, course S. 10° E.

Ascend slightly over SE.slope.

9.50 Barb wire fence brs. N. 70° E. and S. 70° W.

9.70 Road brs. N. 20° E. and S. 20° W.

13.10 Barb wire fence brs. N. 10° W. and S. 10° E.

19.60 Wash, 40 lks.wide, course SE.

Ascend slightly over SE.slope, to

Wash, 10 lks.wide, course S. 50° E.

Ascend 3 ft., over SW.slope to $\frac{1}{4}$ sec.cor.

Road brs. 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,

$$\begin{array}{r} \frac{1}{4} \\ \hline S 22 | S 23 \\ 1920 \end{array}$$

from which,

A pine, 30 ins.in diam.,brs.S. $29\frac{1}{4}^{\circ}$ E., 174 lks.
dist.,marked $\frac{1}{4}$ S 23 BT.

A pine, 27 ins.in diam.,brs.N. 73° W.,194 lks.
dist., marked $\frac{1}{4}$ S 22 BT.

Ascend 46 ft., over SW.slope.

44.35 Point of spur, slopes W.

Descend 12 ft.,over NW.slope.

49.35 Ascend 22 ft.,over SW.slope.

51.10 Point of spur, slopes W.

Descend 25 ft.,over NW.slope.

65.00 Wash, 10 lks.wide, course SW.

Ascend slightly over E.slope.

65.30 Road brs. NE. and SW.

68.80 Wash,10 lks.wide, course S. 80° E. from N. 10° W.. Leave scat-
tering, and enter dense timber.

Ascend 61 ft., over S.slope,to sec.cor.

79.10 A pine,16 ins.in diam.,on line,marked with 2 notches on

22 Subdivision lines of Township 28 North, Range 8 West.

Chains.

80.00 each of N. and S. faces.
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,

T28N	R8 W
S15	S14
S22	S23

1920

from which,

A pine, 14 ins. in diam., brs. N. $11\frac{1}{2}^{\circ}$ E., 112 lks.
dist., marked T28N R8W S14 BT.

A pine, 12 ins. in diam., brs. S. 23° E., 48 lks.
dist., marked T28N R8W S23 BT.

A pine, 12 ins. in diam., brs. S. $68\frac{3}{4}^{\circ}$ W., 90 lks.
dist., marked T28N R8W S22 BT.

A pine, 14 ins. in diam., brs. N. $21\frac{3}{4}^{\circ}$ W., 100 lks.
dist., marked T28N R8W S15 BT.

Land, gently rolling.

Soil, sandy and rocky, 3rd rate.

Timber, juniper and pine, scattering in S. 69 chs.; dense
elsewhere.Undergrowth, dense sagebrush, prickly ash and manzanita.
Fair grass.

40.00 East, on a random line, bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the cor. of secs. 13, 14, 23 and 24.

Thence,

West, on a true line, bet. secs. 14 and 23.

Over level land on bench, thru. very scattering timber
and dense undergrowth.1.10 Road brs. N. 70° W. and S. 70° E.

28.60 Wash, 20 lks. wide, course SE.

32.55 Same wash, course NE.

35.00 Same wash, course SE.

Leave level, and enter gently rolling land.

Ascend slightly over NE. slope, to

39.98 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,
 $\frac{1}{4}$ S 14
S 23
1920

from which,

A pine, 30 ins. in diam., brs. N. 8° E., 123 lks.
dist., marked $\frac{1}{4}$ S 14 BT.

A pine, 24 ins. in diam., brs. S. $43\frac{1}{4}^{\circ}$ E., 18 lks.
dist., marked $\frac{1}{4}$ S 23 BT.

65.50 Ascend 70 ft., over NE. slope.

Spur, slopes SE. Leave very scattering, and enter dense
timber.

Descend 58 ft. over SW. and S. slopes. to sec. cor.

Road brs. NE. and SW.

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

79.96 Land, E. 35 chs. level; remainder, gently rolling.

Soil, sandy and rocky, 3rd rate.

Timber, pine and juniper, very scattering in E. $65\frac{1}{2}$ chs.;
dense elsewhere.Undergrowth, dense sagebrush, scrub juniper, manzanita, and
prickly ash.

Fair grass.

BOOK 3536

Subdivision lines of Township 28 North, Range 8 West. 23

Chains.	
	N.0°1'W., bet. secs.14 and 15. Over roughly rolling land, thru dense timber and under-growth. Ascend 114 ft., over S.slope.
10.55	Spur, slopes SE. Descend 74 ft., over NE.slope, to
17.05	Gully, 20 lks.wide, course N. from SW., near head. Descend 32 ft. along bottom of gully, to
21.23	Leave gully, course NE. from S. Ascend 45 ft., over SE. slope.
26.06	Point of spur, slopes E. Descend 92 ft., over NE. slope.
35.55	Gully, 20 lks.wide, course SE. Ascend 12 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,
	$\frac{1}{4}$ S15 S14 1920
	from which, A pine, 14 ins. in diam., brs.N. $38\frac{3}{4}^{\circ}$ E., 138 lks.dist., marked $\frac{1}{4}$ S 14 BT. A pine, 26 ins. in diam., brs.N. $74\frac{3}{4}^{\circ}$ W., 41 lks.dist., marked $\frac{1}{4}$ S 15 BT.
43.55	Ascend 40 ft., over W.slope. Descend 26 ft., over NW.slope.
46.55	Gully, 20 lks.wide, course SW. Ascend 107 ft., over SW.slope.
56.65	The NE.cor. of a dam, 10 chs.long, 3 chs. wide, brs.S. 57° $43^{\prime}W.$, 8 chs.dist. The dam brs.E. and W.
64.30	A pine, 10 ins. in diam., on line, marked with 2 notches on each of N. and S.facés.
66.50	Point of spur, slopes SW. Descend 15 ft., over NW.slope.
68.65	Gully, 10 lks.wide, course SW. Ascend 76 ft., over S.slope.
79.20	Spur, slopes SE. Descend 12 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 secs.10,11,14 and 15, marked on brass cap,
	T28N R8 W S10 S11 S15 S14 1920
	from which, A pine, 18 ins.in diam., brs.N. $35\frac{1}{2}^{\circ}$ E., 131 lks. dist., marked T28N R8W S11 BT. A pine, 7 ins.in diam., brs.S. $64\frac{1}{2}^{\circ}$ E., 8 lks. dist., marked T28N R8W S14 BT. A pine, 8 ins.in diam., brs.S. $30\frac{3}{4}^{\circ}$ W., 33 lks. dist., marked T28N R8W S15 BT. A pine, 10 ins. in diam., bears N. $63\frac{3}{4}^{\circ}$ W., 93 lks. dist., marked T28N R8W S10 BT. Land, roughly rolling. Soil, sandy and gravelly loam, 3rd rate. Timber, dense juniper and pine. Undergrowth, dense manzanita, scrub oak, prickly ash and sage brush. Fair grass.
40.00	----- East, on a random line, bet. secs.11 and 14. Set temp. $\frac{1}{4}$ sec.cor.

24 Subdivision lines of Township 28 North, Range 8 West.

Chains.

- 80.20 Fall 14 lks.S. of the cor.of secs.11,12, 13 and 14.
Thence,
S.89°54'W., on a true line, bet. secs.11 and 14.
Over mountainous land, thru. dense timber and undergrowth.
Descend 8 ft., over SW.slope.
1.00 Head of gulch,10 lks.wide, course SE.
Ascend 92 ft., over SE.slope.
15.00 Descend 47 ft., over SW.slope.
24.55 Gulch, 20 lks.wide, course SE.
Ascend 75 ft., over SE.slope,to
40.10 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 11S 14

1920

from which,

- A pine, 10 ins. in diam., brs.N.13°E., 36 lks.
dist., marked $\frac{1}{4}$ S 11 BT.
A pine, 14 ins. in diam.,brs.S.25° E., 150 lks.
dist., marked $\frac{1}{4}$ S 14 BT.

- Ascend 56 ft.,over SE.slope.
Descend 13 ft., over SW.slope.
Gulch, 50 lks.wide, course SE.
Ascend 45 ft.,over E.slope.
57.70 Spur, slopes SE.
Descend 70 ft., over SW.slope.
70.20 Gulch, 30 lks.wide, course SE.
Ascend slightly over SE.slope,to
71.70 Enter gully, 10 lks. wide, course SE. ffrom W.
Ascend 20 ft. in bottom of this gully to
73.70 Leave gully, course E. from NW.
Ascend 29 ft.; over NE.slope,to
80.20 The cor. of secs.10,11,14 and 15.
Land, mountainous, and roughly rolling.
Soil, rocky and gravelly; 4th rate.
Timber, dense juniper and pine.
Undergrowth, dense prickly ash, scrub oak, scrub juniper
and sage brush.
No grass.

N.0°1'W., bet. secs.10 and 11.
Over roughly rolling land, thru.dense timber and under-
growth.

- 1.07 Descend 15 ft.,over NE.slope.
Head of gully, course E.
8.00 Ascend 40 ft.,over SE.slope.
Point of short spur, slopes E.
8.55 Descend 60 ft.,over NE.slope.
20.85 Barb.wire fence, brs.E. and W.
Gully, 20 lks.wide, course SE. Leave dense, and enter
scattering timber.
40.00 Ascend 75 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,

S10 | S11

1920

from which,

- An oak, 6 ins. in diam., brs.N.28 $\frac{3}{4}$ °E., 180
lks.dist., marked $\frac{1}{4}$ S 11 BT.
A quinine brush, 6 ins. in diam.,brs.N.48 $\frac{3}{4}$ °W.,
134 lks.dist., marked $\frac{1}{4}$ S 10 BT.
Ascend 15 ft.,over SW.slope.
Spur, slopes SE.
47.60 Descend 94 ft.,over N.slope.

Subdivision lines of Township 28 North, Range 8 West.

25

Chains.	
56.25	Wash, 100 lks. wide, course SE. Ascend 10 ft., over S. slope.
59.10	Point of spur, slopes SE. Descend 12 ft., over NE. slope.
63.30	Thence along E. slope, ascending slightly to
70.30	Gully, 10 lks. wide, course S. 10° E. from N. Thence along this gully, ascending 30 ft., to
75.00	Leave gully, course S. from NE.
Ascend 37 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,

T28N	R8 W
S 3	S 2
<hr/>	
S10	S11

1920

from which,

A pine, 6 ins. in diam., brs. N. $8\frac{1}{2}^{\circ}$ E., 111 lks.
dist., marked T28N R8W S2 BT.A pine, 6 ins. in diam., brs. S. $38\frac{1}{2}^{\circ}$ W., 194 lks.
dist., marked T28N R8W S10 BT.A pine, 20 ins. in diam., brs. N. $32\frac{3}{4}^{\circ}$ W., 197 lks.
dist., marked T28N R8W S3 BT.and dig a pit, 18x18x12 ins., SE. of cor. 3 ft. dist.
Land, roughly rolling.

Soil, rocky and gravelly, 4th rate.

Timber, juniper, pine and oak, dense in S. 21 chs.; scat-
tering elsewhere.Undergrowth, dense prickly ash, scrub oak, scrub juniper
and sagebrush.

No grass.

N. $89^{\circ}54' E.$, on a random line, bet. secs. 2 and 11.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.24 Fall 4 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence,

S. $89^{\circ}52' W.$, on a true line, bet. secs. 2 and 11.Over gently rolling land, thru. scattering timber and dense
undergrowth, along S. slope, with slight change in
elevation.

20.00 Leave gently rolling, and enter roughly rolling land.

Ascend 135 ft., over S. slope, to

40.12 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,

$\frac{1}{4}$	S 2
	S 11
<hr/>	
1920.	

from which,

A pine, 12 ins. in diam., brs. S. 23° W., 56 lks.
dist., marked $\frac{1}{4}$ S 11 BT.A pine, 12 ins. in diam., brs. N. $41\frac{1}{4}^{\circ}$ W., 208 lks.
dist., marked $\frac{1}{4}$ S 2 BT.Thence along bench, bearing E. and W. on N. side of a
gulch, course E.

Descend slightly to

45.00 Leave bench. Descend 20 ft. over S. slope.

Ascend 190 ft., over SE. slope, to

60.47 Ascend 35 ft., over E. and N.E. slopes.

62.24 Fence, brs. N. and S.; at 30 lks. N., this fence corners and
extends N. 80° E. Spur, slopes S. Desc. 27 ft., over SW. slope, to

70.94 The cor. to secs. 2, 3, 10 and 11.

80.24

26 Subdivision lines of Township 28 North Range 8 West.

Chains.

Land, E. 20 chs., gently rolling; remainder, roughly rolling.
 Soil, rocky and gravelly, 4th rate.
 Timber, scattering juniper and pine.
 Undergrowth, dense sage brush, scrub oak and prickly ash.
 Fair grass in E. $\frac{1}{2}$; no grass in W. $\frac{1}{2}$.

- N. 0°01' W., on true line, bet. secs. 2 and 3.
 Over roughly rolling land, thru. scattering timber and dense undergrowth.
 Ascend 30 ft., over SW. slope.
 5.18 Spur, slopes SE. Descend 115 ft., over NE. slope.
 9.60 Gulch, 20 lks. wide, course SE.
 16.70 Ascend 120 ft., over S. slope.
 Point of spur, slopes E. from NW.
 22.85 Descend 86 ft., over NE. slope.
 Gulch, 30 lks. wide, course SE.
 Ascend 107 ft., over S. slope.
 27.50 Spur, slopes E.
 Descend 125 ft., over N. slope.
 36.82 Gulch, 20 lks. wide, course N. 80° E.
 Ascend 21 ft.
 40.00 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,

$\frac{1}{4}$
S 3 | S 2

1920

from which,

A pine, 10 ins. in diam.; brs. S. $75\frac{1}{4}$ ° E., 28 lks. dist., marked $\frac{1}{2}$ S 2 BT.

A pine, 18 ins. in diam., brs. N. $42\frac{1}{4}$ ° W., 65 lks. dist., marked $\frac{1}{2}$ S 3 BT.

- Ascend slightly over S. slope.
 41.00 Spur, slopes E.
 Descend 157 ft., over N. slope.
 47.30 Gulch, 70 lks. wide, course E. A spring in this gulch, brs. W. about 20 chs. dist.
 Ascend 158 ft., over S. slope.
 Point of spur, slopes E. from NW.
 Descend 49 ft., over NE. slope.
 57.64 Gulch, 30 lks. wide, course SE.
 Ascend 95 ft., over S. slope, to
 66.38 Top of spur, sloping W. Intersect the N. bdy. of the Tp. (7th. Std. Par.N.) at a point 14.28 chs. W. from the Std. $\frac{1}{2}$ sec.cor. of sec. 35, T. 29 N., R. 8 W., established under current Group No. 106, which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, N. of cor. No bearing trees.
 At 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,

T29N R8 W.
S35

S 3 | S 2
T28N R8 W
C C
1920

from which,

A pine, 24 ins. in diam.; brs. S. $25\frac{1}{2}$ ° E., 240 lks. dist., marked T28N R8W S2 CC BT.

An oak, 20 ins. in diam., brs. S. 31 ° W., 116 lks. dist., marked T28N R8W S3 CC BT.

Subdivision lines of Township 28 North, Range 8 West.

27

Chains.

Land, roughly rolling.
 Soil, sandy and rocky, 3rd rate.
 Timber, scattering juniper, pine and oak.
 Undergrowth, dense scrub oak and prickly ash.
 Poor grass.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of
 the Tp., described in Book "G,"
 N. 0° 2' W., bet. secs. 33 and 34.

Over mountainous land, thru. dense timber and undergrowth.
 Ascend 49 ft., over SE. slope.

5.95 Point of spur, slopes SE.
 Descend 109 ft., over NE. slope.

12.92 Gulch, 50 lks. wide, course E.
 Ascend 105 ft., over S. slope.

19.40 Spur, slopes NE.
 Descend 175 ft., over N. slope.

33.00 Leave mountainous land and dense timber, and enter roughly
 rolling land and scattering timber.

39.79 Gulch, 20 lks. wide, course NE.

40.00 Ascend 5 ft., over SE. 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,

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

1920

from which,

A pine, 24 ins. in diam., brs. N. 50° E., 195 lks.
 dist., marked $\frac{1}{4}$ S 34 BT.

.. A pine, 19 ins. in diam., brs. S. 74° W., 134 lks.
 dist., marked $\frac{1}{4}$ S 33 BT.

Thence over level land, bearing NE. and SW.

45.00 Leave level, and enter rolling land.

Ascend 29 ft., over SE. slope.

52.50 Spur, slopes NE.

Descend 56 ft. over N. slope.

58.93 Wash, 10 lks. wide, course NE.

Descend slightly over NE. slope, to

59.53 Wash, 10 lks. wide, course NE. Thence over E. slope, ascending
 slightly.

70.62 Wash, 30 lks. wide, course E.

Ascend 20 ft., over S. slope.

75.00 Leave scattering, and enter dense timber.

75.40 Low spur, slopes E. from NW.

Descend 10 ft., over N. 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,

T28N R8 W
 S28 | S27

S33 | S34
 1920

from which,

A pine, 12 ins. in diam., brs. N. 32° E., 157 lks.
 dist., marked T28N R8W S27 BT.

A pine, 10 ins. in diam., brs. S. 49° E., 85 lks.
 dist., marked T28N R8W S34 BT.

A juniper, 14 ins. in diam., brs. S. 51° W., 14 lks.
 dist., marked T28N R8W S33 BT.

A pine, 14 ins. in diam., brs. N. 20° W., 123 lks.
 dist., marked T28N R8W S28 BT.

Land, S. 33 chs., mountainous; N. 35 chs. rolling, remainder
 roughly rolling, except a strip 5 chs. wide N. of the
 $\frac{1}{4}$ sec. cor.

28 Subdivision lines of Township 28 North, Range 8 West.

Chains.	Soil, sandy and gravelly clay, 3rd rate. Timber, juniper, and pine, dense in S., 3 chs. and N. 5 chs., and scattering elsewhere. Undergrowth, dense quinine brush, sage brush, prickly ash, scrub juniper and scrub oak. Fair grass.
40.00	East, on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Fall 7 lks. N. of the cor. of secs. 26, 27, 34 and 35. Thence, N. $89^{\circ}57'W.$, on a true line, bet. secs. 27 and 34. Over rolling land, thru. dense timber and undergrowth. Ascend 25 ft., over NE. slope.
4.20	Barb wire fence, brs. N. $10^{\circ}W.$, and S. $10^{\circ}E.$ Leave dense, and enter very scattering timber.
4.90	Road, brs. N. and S.
8.00	Descend 10 ft., over SW. slope.
11.40	Wash, 20 lks. wide, course S. $25^{\circ}E.$
26.78	Ascend 20 ft., over NW. slope, to Same wash, 20 lks. wide, course NE.
39.98	Ascend 27 ft., over SE. 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,
	<u>S 27</u> <u>S 34</u> 1920
	from which, A pine, 30 ins. in diam., brs. N. $52^{\circ}E.$, 589 lks. dist., marked $\frac{1}{4}$ S 27. BT. A pine, 20 ins. in diam., brs. S. $20\frac{1}{4}^{\circ}W.$, 227 lks. dist., marked $\frac{1}{4}$ S 34. BT.
56.70	Ascend 110 ft. over SE. slope. Spur, slopes NE.
58.00	Descend 20 ft., over NW. slope.
64.80	Leave very scattering and enter dense timber.
79.96	Ascend 43 ft., along N. slope; to The cor. of secs. 27, 28, 33 and 34. Land, rolling. Soil, gravelly clay, 3rd rate. Timber, pine, and juniper, dense in E. 4 chs. and W. 22 chs. Very scattering elsewhere. Undergrowth, dense sagebrush. Fair grass.
	N. $0^{\circ}2'W.$, bet. secs. 27 and 28. Over rolling land, thru. dense timber and undergrowth. Descend 10 ft., over NE. slope.
5.70	Wash, 10 lks. wide, course S. $80^{\circ}E.$ Ascend 35 ft., over S. slope.
11.60	Spur, slopes E. Descend 20 ft. over NE. slope.
14.00	Leave dense and enter scattering timber.
17.38	Wash, 30 lks. wide, course SE. Ascend 15 ft., over SE. slope, to
25.38	Wash, 20 lks. wide, course SE. Ascend 45 ft., over SE. 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,

S 28 | S 27

1920

Subdivision lines of Township 28 North, Range 8 West.

29

Chains.

- from which,
 A juniper, 7 ins. in diam., brs. N. $71\frac{1}{2}^{\circ}$ E., 139
 lks. dist., marked $\frac{1}{4}$ S 27 BT.
 An oak, 6 ins. in diam., brs. N. $75\frac{1}{4}^{\circ}$ W., 115
 lks. dist., marked $\frac{1}{4}$ S 28 BT.
 Ascend 16 ft., over SE. slope.
 Descend 25 ft., over NE. slope.
 Wash, 10 lks. wide, course SE.
 Ascend 8 ft., over SE. slope, to
 Wash, 10 lks. wide, course SE.
 Descend 12 ft., over SE. slope, to
 Wash, 10 lks. wide, course SE.
 Ascend 30 ft., over S. slope.
 61.88 Point of spur, slopes SE.
 Descend 13 ft.
 68.07 Wash, 20 lks. wide, course SE. Leave scattering, and enter
 dense timber.
 Ascend 36 ft., over SW. slope, to
 Spur, slopes SE. from N.
 Ascend slightly along top of spur, to
 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,

T28N	R8 W
S21	S22
S28	S27

1920

from which,

- A juniper, 8 ins. in diam., brs. N. $62\frac{1}{2}^{\circ}$ E., 80
 lks. dist., marked T28N R8W S22 BT.
 An oak, 5 ins. in diam., brs. S. $66\frac{3}{4}^{\circ}$ E., 62
 lks. dist., marked T28N R8W S27 BT.
 An oak, 5 ins. in diam., brs. S. 24° W., 62
 lks. dist., marked T28N R8W S28 BT.
 A juniper, 12 ins. in diam., brs. N. $13\frac{1}{4}^{\circ}$ W., 96
 lks. dist., marked T28N R8W S21 BT.

Land, rolling.

Soil, rocky and gravelly, 4th rate.

Timber, pine, juniper and oak, dense in S. 14 chs. and N.
 12 chs., scattering elsewhere.

Undergrowth, dense sagebrush.

Fair grass.

- 40.00 S. $89^{\circ} 57' E.$, on a random line, bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Fall 3 lks. N. of the cor. of secs. 22, 23, 26 and 27.
 Thence,
 N. $89^{\circ} 56' W.$, on a true line, bet. secs. 22 and 27.
 Over gently rolling land, thru. scattering timber and
 dense undergrowth.
 Ascend 35 ft., over E. slope.
 Barb. wire fence, brs. N. 10° E. and S.
 2.32 Road, brs. N. 10° E. and S. 10° W.
 3.20 S. edge of tank. Spring brs. N. about 100 lks. dist.
 5.00 Road, brs. N. 10° E. and S. 10° W.
 28.20 Spur, sloping SE.
 36.50 Descend 42 ft. over SW. slope.
 Wash, 20 lks. wide, course SE.
 Ascend 10 ft., over NE. slope, to
 40.02 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,

$\frac{1}{4}$	S 22
	S 27
	1920

from which,

- A pine, 30 ins. in diam., brs. N. $30\frac{1}{2}^{\circ}$ W., 194 lks.
 dist., marked $\frac{1}{4}$ S 22 BT.

30 Subdivision lines of Township 28 North, Range 8 West.

	Chains.	A pine, 20 ins. in diam., brs. S. $10\frac{1}{4}^{\circ}$ W., 162 lks. dist., marked $\frac{1}{4}$ S 27 BT. A pine, 20 ins. in diam., brs. S. $10\frac{1}{4}^{\circ}$ W., Leave gently rolling and enter rolling. Ascend 75 ft., over NE. slope. Saddle of spur, sloping SE. Descend 26 ft., over SW. slope. Wash, 10 lks. wide, course SE. Ascend 40 ft., over SE. slope, to Wash, 10 lks. wide, course SE. Ascend 70 ft., over E. and NE. slopes. Barb wire fence brs. NW. and SE. Spur, slopes SE. Descend 24 ft., over SW. slope. Wash, 20 lks. wide, course SE. near head. Ascend 24 ft., over E. slope, to The cor. of secs. 21, 22, 27 and 28; on top of spur, sloping S. Land, E. $\frac{1}{2}$ gently rolling; W. $\frac{1}{2}$, rolling. Soil, sandy clay loam, 2nd rate in E. $\frac{1}{2}$; rocky and gravelly, 4th rate in W. half. Timber, scattering juniper and pine. Undergrowth, dense sagebrush, prickly ash and scrub juniper. Fair grass.
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	N. 0° 2' W., bet. secs. 21 and 22. Over rolling land, thru. scattering timber and dense undergrowth. Ascend 30 ft., along top of spur, sloping S. Barb wire fence, brs. NW. and SE. Spur, from NW, forks here, and extends SE. and S. Descend 51 ft., over NE. slope. Gully, 20 lks. wide, course N. 80° E. Ascend 60 ft., over S. slope. Spur, slopes E. Descend 35 ft., over N. slope. Gully, 50 lks. wide, course E., near head. Ascend 40 ft., over SE. slope. Descend 82 ft., over NE. slope to $\frac{1}{4}$ sec. cor. Barb wire fence, brs. SE. and N. 15° W. 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,
	 S21 S22 1920

	from which, A pine, 36 ins. in diam., brs. N. $81\frac{1}{2}^{\circ}$ E., 45 lks. dist., marked $\frac{1}{4}$ S 22 BT. A pine, 21 ins. in diam., brs. N. 71° W., 51 lks. dist., marked $\frac{1}{4}$ S 21 BT.. Leave scattering, and enter dense timber. Descend slightly over NE. slope, to Wash, 30 lks. wide, course NE. Ascend 15 ft., over SE. slope. Descend 10 ft., over NE. slope. Wash, 10 lks. wide, course N. 80° E. Ascend 10 ft., over SE. slope. Descend 13 ft., over NE. slope. Wash, 40 lks. wide, course SE. Ascend 15 ft. over S. slope. Descend 18 ft., over N. slope. Wash, 10 lks. wide, course E. Asc. 20 ft. over SE. slope. Descend 107 ft. over NE. slope. Leave dense, and enter scattering timber.

Subdivision lines of Township 28 North Range 8 West. 31

Chains.	
72.36	Gulch, 70 lks. wide, course SE. Leave rolling, and enter mountainous land. Ascend 150 ft., over SW. slope.
74.60	Barb wire fence, brs. NE. and SW.
76.90	Barb wire fence, brs. E. and W.
78.80	Top of cliff, 50 ft. high, brs. N. and SE. facing W. and SW. Thence asc. gradually over SW. slope, near top of cliff.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 15, 16, 21 and 22, marked on brass cap,
	T28N R8 W S16 S15 S21 S22 1920
	from which, A pine, 16 ins. in diam., hrs. S. 41°W., 413 lks. dist., marked T28N R8W S21 BT.
	A pine, 36 ins. in diam., brs. N. 46°W., 370 lks. dist., marked T28N R8W S16 BT.
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of post, 3 ft. dist.
	Land, S. $72\frac{1}{2}$ chs. rolling; remainder, mountainous. Soil, rocky and gravelly, 4th rate. Timber, pine and juniper, scattering in S. 40 chs., and N. 16 chs.; dense elsewhere. Undergrowth, dense sagebrush, prickly ash and scrub oak. Fair grass.
40.00	S. 89° 56' E., on a random line, bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
80.20	Fall 16 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence,
	S. 89° 57' W., on a true line, bet. secs. 15 and 22. Over rolling land, thru. dense timber and undergrowth. Descend 10 ft., over SW. slope.
4.00	Head of wash, 10 lks. wide, course S.
6.70	Ascend 28 ft., over E. slope.
8.85	Spur, slopes S.
22.37	Descend 20 ft., over SW. slope, to
26.33	Ascend 70 ft., over S. and SE. slopes.
32.35	Descend 37 ft., over SW. slope.
34.54	Wash, 30 lks. wide, course S. Ascend 40 ft., over E. slope.
40.10	Descend 30 ft., over W. slope. Wash, 30 lks. wide, course S. Leave rolling land and dense timber, and enter mountainous land and scattering timber. Ascend 102 ft., over E. slope, to
	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 15 S 22 1920
	from which, A juniper, 6 ins. in diam., brs. N. 28°W., 57 lks. dist., marked $\frac{1}{4}$ S 15 BT.
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
42.85	Ascend 40 ft., over E. slope.
	Spur, slopes S.
48.60	Descend 65 ft., over W. slope.
56.26	Gulch, 20 lks. wide, course S. Ascend 90 ft., over SE. slope.
	Point of spur, slopes S. Descend 56 ft., over SW. slope.

32. Subdivision lines of Township 28 North, Range 8 West.

Chains.

- 61.06 Gulch, 20 lks.wide, course N. Asc: 84 ft. over SE. slope.
 66.26 Spur, slopes SW.
 80.20 Descend 177 ft., over SW.slope, to
 The cor. of secs. 15; 16, 21 and 22.
 Land, E. $34\frac{1}{2}$ chs., rolling, and remainder mountainous.
 Soil, rocky and gravelly, 4th rate.
 Timber, juniper and pine, dense in E. $34\frac{1}{2}$ chs.; scattering elsewhere.
 Undergrowth, dense scrub oak, prickly ash and sagebrush.
 Fair grass in E. $\frac{1}{2}$; none in W. $\frac{1}{2}$.
-
- N. $0^{\circ}2'W.$, bet. secs. 15 and 16.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 86 ft., over SW.slope.
 8.00 Point of spur, slopes SW.
 18.78 Descend 138 ft., over NW.slope.
 Gulch, 20 lks.wide, course SW.
 Ascend gradually, over E.slope.
 19.45 A pine, 16 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
 21.78 Same gulch, course SE.
 Ascend slightly over SW.slope, to
 23.75 Same gulch, course SW.
 Ascend gradually over SE.slope, to
 37.35 Same gulch, course SE.
 Ascend 10 ft. over SW.slope, to $\frac{1}{2}$ sec.cor.
 39.55 A pine, 24 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
 40.00 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,

S16 | S15

1920

from which,

A pine, 22 ins. in diam., brs. S. $70^{\circ}E.$, 70 lks.dist., marked $\frac{1}{2}$ S 15 BT.

A pine, 18 ins. in diam., brs. N. $88\frac{1}{4}^{\circ}W.$, 207 lks.dist., marked $\frac{1}{2}$ S 16 BT.

- 61.75 Ascend 138 ft., over SW.slope.
 Spur, slopes SE.
 77.75 Descend 116 ft., over NE.slope.
 Gulch, 60 lks.wide, course SE.
 Ascend 18 ft., over S. slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 9, 10, 15 and 16, marked on brass cap,

T28N R8W

S 9 | S10

S16 | S15

1920

from which,

An oak, 24 ihs.in diam., brs. N. $52\frac{1}{4}^{\circ}E.$, 116 lks.dist., marked T28N R8W S10 BT.

A pine, 24 ins. in diam., brs. S. $79\frac{3}{4}^{\circ}E.$, 150 lks.dist.; marked T28N R8W S15 BT.

A pine, 14 ins. in diam., brs. S. $15^{\circ}W.$, 182 lks. dist., marked T28N R8W S16 BT.

An oak, 6 ins. in diam., brs. N. $79\frac{1}{4}^{\circ}W.$, 65 lks.dist., marked T28N R8W S9 BT.

Land, mountainous.

Soil, rocky and gravelly, 4th rate.

Timber, scattering pine, oak and juniper.

Subdivision lines of Township 28 North, Range 8 West. 33

	Chains.	Undergrowth, dense sagebrush, quinine brush, scrub juniper, and scrub oak. Poor grass.
40.00		N. 89° 57' E., on a random line, bet. secs. 10 and 15. Set temp. $\frac{1}{4}$ sec. cor.
80.00		Fall 10 lks. N. of the cor. of secs. 10, 11, 14 and 15. Thence, N. 89° 59' W., on a true line, bet. secs. 10 and 15. Over roughly rolling land, thru. dense timber and undergrowth.
2.80		Ascend 10 ft., over N.E. slope. Spur, slopes SE. from N..
11.48		Descend 112 ft., over SW. slope. Gully, 10 lks. wide, course S.
18.04		Descend slightly over S. slope, to Gully, 20 lks. wide, course SE. Leave dense and enter scattering timber.
32.77		Ascend 100 ft. over E. slope. Point of spur, slopes S.
40.00		Descend 22 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,
		<u>S 10</u> <u>$\frac{1}{4}$</u> S 15 1920
42.04		from which, A pine, 24 ins. in diam., brs. S. 76 $\frac{1}{2}$ ° W., 162 lks. dist., marked $\frac{1}{4}$ S. 15 BT.
56.54		A pine, 6 ins. in diam., brs. N. 76 $\frac{1}{2}$ ° W., 262 lks. dist., marked $\frac{1}{4}$ S. 10 B T.
64.50		Descend 22 ft., over SW. slope. Gully, 10 lks. wide, course SE.
70.59		Ascend 133 ft., over E. slope. Spur, slopes SE. from N..
77.10		Descend 65 ft., over SW. slope. Gully, 20 lks. wide, course SE.
77.80		Ascend 75 ft., over SE. slope. Spur, slopes S.
80.00		Descend 71 ft., over W. slope. Gully, 10 lks. wide, course S. Ascend 5 ft., over SE. slope, to Thence over S. slope, descending 7 ft., to The cor. of secs. 9, 10, 15 and 16. Land, roughly rolling. Soil, sandy and gravelly, 3rd rate in E. half; rocky and gravelly, 4th rate in W. half. Timber, juniper and pine, dense in E. 18 chs.; scattering elsewhere. Undergrowth, dense prickly ash, quinine brush, sagebrush and manzanita. Fair grass in E. half; poor grass in W. half.

11.90		N. 0° 2' W., bet. secs. 9 and 10. Over roughly rolling land, thru. scattering timber and dense undergrowth.
28.40		Ascend 274 ft. over S. slope. Barb wire fence, brs. E. and W..
40.00		Point of spur, sloping S. Thence on top of this spur, ascending gradually, 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,

S 9 | S10
1920

34 Subdivision lines of Township 28 North, Range 8 West.

Chains.	from which, A pine, 24 in diam., brs. N. 21° E., 382 lks. dist., marked $\frac{1}{2}$ S 10 BT. A juniper, 18 ins. in diam., brs. N. 28 $\frac{1}{2}$ ° W., 153 lks. dist., marked $\frac{1}{2}$ S 9 BT. Continue gradual ascent, along top of spur, sloping S. Leave top of spur, slopes S. from NW. Descend 43 ft., over W. slope. A pine, 24 ins. in diam., on line, marked with 2 notches on each of N. and S. faces. Gully, 20 lks. wide, course SW. Ascend 38 ft., over S. slope. Point of spur, slopes SW. Descend 22 ft., over NW. slope. Head of gully, course SW. Ascend 8 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. 3, 4, 9 and 10, marked on brass cap,
48.74	T28N R8 W S 4 S 3 --- S 9 S10 1920
66.10	from which, A pine, 24 ins. in diam., brs. N. 53 $\frac{3}{4}$ ° E., 116 lks. dist., marked T28N R8W S3 BT. An oak, 8 ins. in diam., brs. S. 79 $\frac{1}{2}$ ° E., 64 lks. dist., marked T28N R8W S10 BT. A pine, 12 ins. in diam., brs. S. 34 $\frac{3}{4}$ ° W., 123 lks. dist., marked T28N R8W S9 BT. A pine, 14 ins. in diam., brs. N. 73 $\frac{1}{2}$ ° W., 34 lks. dist., marked T28N R8W S4 BT.
66.30	Land, roughly rolling. Soil, rocky and gravelly, 4th rate. Timber, scattering juniper, oak and pine. Undergrowth, dense prickly ash, scrub oak, buck brush, and sagebrush. Poor grass.
73.20	S. 89° 59' E., on a random line, bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
78.30	Fall 3 lks. S. of the cor. of secs. 2, 3, 10 and 11.
80.00	Thence, West, on a true line, bet. secs. 3 and 10. Over roughly rolling land, thru. scattering timber and dense undergrowth. Descend 99 ft., over SW. slope. Gully, 40 lks. wide, course SE. Ascend 213 ft., over SE. slope.
80.04	Spur, slopes SE. Descend 84 ft., over SW. slope, to Gully, 10 lks. wide, course SE. Ascend 24 ft., over SE. slope. Gully, 30 lks. wide, course SE. A spring is located in this gully SE. about 15 chs. dist., and a small reservoir is constructed in the gully a short distance below the spring. Ascend 25 ft., over SE. 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,
16.07	$\frac{1}{4}$ S 3 S 10 1920
26.70	
35.08	
38.38	
40.02	

from which,

A pine, 20 ins. in diam., brs. N. 14 $\frac{1}{2}$ ° E., 121 lks.

Subdivision lines of Township 28 North, Range 8 West.

35

Chains.	
	dist., marked $\frac{1}{4}$ S 3 BT. An oak, 16 ins. in diam., brs. S. $70\frac{1}{4}^{\circ}$ E., 133 lks.
	dist., marked $\frac{1}{4}$ S 10 BT.
46.59	Ascend 23 ft., over SE. slope, to Gully, 10 lks. wide, course S. 80° E., heads 5 chs. NW.
63.70	Ascend 212 ft., over E. slope, to East edge of top of spur, brs. NW. and SW. Thence across nearly level top of spur, sloping S.
72.50	West edge of top of spur, brs. N. and S. Leave top of spur and descend 42 ft., over W. slope, to
80.04	The cor. of secs. 3, 4, 9 and 10. Land, roughly rolling. Soil, rocky and gravelly, 4th rate. Timber, scattering oak, juniper and pine. Undergrowth, dense prickly ash, quinine brush, Buck brush scrub oak and sage brush. No grass.

	N. $0^{\circ} 2' W.$ on true line, bet. secs. 3 and 4. Over mountainous land, thru. scattering timber and dense undergrowth.
7.10	Ascend 79 ft., over W. and SW. slopes. A pine, 20 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
16.40	A pine, 14 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
22.50	Spur, slopes SE. Descend 26 ft., over NE. slope.
39.20	Enter gully, 10 lks. wide, course SE. from N.
36.60	Ascend 27 ft., in bottom of this gully, to Leave same gully, course S. from N. $10^{\circ} W.$, near head.
40.00	Ascend 35 ft., over S. 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,

$\frac{1}{4}$
 S 4 | S 3
 1920

	from which, A pine, 14 ins. in diam., brs. N. 89° E., 150 lks. dist., marked $\frac{1}{4}$ S 3 BT.
	A pine, 20 ins. in diam., brs. S. $35\frac{1}{2}^{\circ}$ W., 133 lks. dist., marked $\frac{1}{4}$ S 4 BT.
42.70	Ascend slightly over S. slope. Ridge, brs. E. and W.
47.10	Descend 120 ft., over N. slope. A pine, 12 ins. in diam., on line, marked with 2 notches on each of N. and S. faces.
60.36	Draw, 50 lks. wide, course NE.
64.40	Ascend 49 ft., over SE. slope.
66.41	Change to NE. slope, and descend slightly to Intersect the N. bdy. of the Tp. (7th. Std. Par. N.) at a point 14.69 chs. W. of the std. $\frac{1}{4}$ sec. cor. of sec. 34, T. 29 N., R. 8 W., established under current Group No. 106, which is an iron post, 1 in. in diam., projecting 16 ins. above ground, firmly set in a mound of stone, properly marked on brass cap, and witnessed by one properly marked bearing tree: A pine, N. $25\frac{1}{4}^{\circ}$ W., 117 lks. dist.
	At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 3 and 4, marked on brass cap,
	T29N R8 W S 34 S 4 S 3 T28N R8W C C 1920

36 Subdivision lines of Township 28 North Range 8 West.

Chains.	<p>from which,</p> <p>A pine, 30 ins. in diam., brs. S. $74\frac{1}{2}$° E., 76 lks. dist., marked T28N R8W S3 CC BT.</p> <p>A pine, 28 ins. in diam., brs. S. $39\frac{1}{4}$° W., 104 lks. dist., marked T28N R8W S4 CC BT.</p> <p>Land, roughly rolling.</p> <p>Soil, rocky and gravelly, 3rd and 4th rate.</p> <p>Timber, scattering pine, juniper and cedar.</p> <p>Undergrowth, dense quinine brush, prickly ash, sagebrush, scrub oak, and chemisal.</p> <p>Poor grass.</p>
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	<p>From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., described in Book "G," N. $0^{\circ}3'$ W., bet. secs. 32 and 33.</p> <p>Over mountainous land, thru. dense timber and undergrowth.</p> <p>Descend 83 ft., over E. slope.</p> <p>Ascend 32 ft., over S. slope.</p> <p>Saddle in spur, slopes E.</p> <p>Descend 40 ft., over NW. slope.</p> <p>Ascend 28 ft., over SW. slope.</p> <p>Spur, slopes NW.</p> <p>Descend 156 ft., over N. slope, to</p> <p>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>
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$\frac{1}{4}$
S32 | S33

1920

	<p>from which,</p> <p>A pine, 24 ins. in diam., brs. N. $72\frac{3}{4}$° E., 98 lks. dist., marked $\frac{1}{4}$ S 33 BT.</p> <p>A pine, 30 ins. in diam., brs. N. $32\frac{1}{4}$° W., 57 lks. dist., marked $\frac{1}{4}$ S 32 BT.</p> <p>Descend 180 ft., over N. slope.</p> <p>Gulch, 50 lks. wide, course SE.</p> <p>Ascend 124 ft., over SW. slope.</p> <p>Saddle in spur, slopes SE.</p> <p>Descend 61 ft., over NE. slope.</p> <p>Gulch, 50 lks. wide, course E.</p> <p>Ascend 57 ft., over S. slope.</p> <p>Spur, slopes E.</p> <p>Descend 40 ft., over NE. slope.</p> <p>Gulch, 30 lks. wide, course E. near head.</p> <p>Ascend 31 ft., over SE. slope, to</p> <p>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,</p>
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T28N | R8 W
S29 | S28
S32 | S33

1920

	<p>from which,</p> <p>A pine, 12 ins. in diam., brs. N. $67\frac{1}{4}$° E., 53 lks. dist., marked T28N R8W S28 BT.</p> <p>A pine, 10 ins. in diam., brs. S. 43° E., 90 lks. dist., marked T28N R8W S33 BT.</p> <p>A pine, 8 ins. in diam., brs. S. $12\frac{1}{4}$° W., 66 lks. dist., marked T28N R8W S32 BT.</p> <p>A pine, 10 ins. in diam., brs. N. 76° W., 211 lks. dist., marked T28N R8W S29 BT.</p>
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Land, mountainous.

Soil, rocky and gravelly, 3rd and 4th rate.

Subdivision lines of Township 28 North, Range 8 West. 37

Chains.	
	Timoer, dense juniper and pine. Undergrowth, dense quinine brush, sage brush, scrub juniper and prickly ash. Fair grass.
40.00	East, on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Fall 7 lks. S. of the cor. of secs. 27, 28, 33 and 34. Thence, S. $89^{\circ}57'W.$, on a true line, bet. secs. 28 and 33. Over rolling land, thru. dense timber and undergrowth.
8.00	Ascend gradually along N. slope, to Ascend 15 ft., over NE. slope.
10.60.	Spur, slopes SE.
13.30	Descend 10 ft., over SW. slope. Head of wash, course SE. Leave rolling, and enter moun- tainous land.
24.70	Ascend 230 ft., over E. slope. Spur, slopes SE.
31.35	Descend 80 ft., over SW. slope. Gulch, 20 lks. wide, course S. $10^{\circ}E.$
34.70	Ascend 54 ft. over E. slope. Spur, slopes S.
40.03	Descend 40 ft., over W. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bed rock, and raise a mound of stone around post for $\frac{1}{4}$ sec. cor., marked on brass cap,
	S 28 $\frac{1}{4}$ S 33 1920
	from which, A pine, 6 ins. in diam., brs. N. $30\frac{3}{4}^{\circ}E.$, 76 lks. dist., marked $\frac{1}{4}$ S 28 BT.
	A pine, 8 ins. in diam., brs. South, 6 lks. dist., marked $\frac{1}{4}$ S 33 BT.
56.40	Descend 97 ft., over SW. slope. Gully, 20 lks. wide, course SE.
68.54	Ascend 101 ft. over NE. slope, to Gully, 20 lks. wide, course NE.
75.05	Ascend 67 ft., over S. slope, to Gully, 10 lks. wide, course S. near head.
80.06	Ascend 53 ft., over SE. slope, to The cor. of secs. 28, 29, 32 and 33. Land, E. $13\frac{1}{2}$ chs., rolling; remainder, mountainous. Soil, rocky and gravelly, 3rd and 4th rate. Timber, dense juniper and pine. Undergrowth, dense sagebrush, scrub juniper and prickly ash. Fair grass.
2.30	N. $0^{\circ}3'W.$, bet. secs. 28 and 29. Over mountainous land, thru. dense timber and under- growth.
10.00	Ascend 20 ft., over SE. slope. Spur, slopes NE.
12.93	Descend 96 ft., over N. slope; to Gulch, 20 lks. wide, course NE.
16.18	Descend 48 ft., over E. slope, to Gulch, 20 lks. wide, course E.
18.54	Ascend 94 ft., over S. slope. Point of spur, slopes SE.
25.08	Descend 30 ft., over NE. slope. Gulch, 20 lks. wide, course SE. Ascend 34 ft., over SE. slope. Point of spur, slopes E.
	Descend 85 ft., over NE. slope, to

38 Subdivision lines of Township 28 North, Range 8 West.

Chains.

32.45 Gulch, 20 lks.wide, course SE.
Ascend 45 ft., over S.slope.

36.30 Point of spur, slopes E.
Descend 35 ft., over NE.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,

$$\begin{array}{c} \text{S29} \quad \text{S28} \\ \hline \end{array}$$

 1920
 from which,
 A pine, 18 ins.. in diam., brs. S. $53\frac{1}{4}^{\circ}$ E., 124 lks.
 dist., marked $\frac{1}{2}$ S 28 BT..
 A pine, 14 ins. in diam., brs. S. $81\frac{1}{2}^{\circ}$ W., 24 lks.
 dist., marked $\frac{1}{2}$ S 29 BT..
 Descend 18 ft., over NE.slope.

43.18 Gully, 10 lks.wide, course E.
Ascend slightly over SE.slope, to

45.40 Enter gully, 20 lks.wide, course S. 10° E. from N.
Ascend slightly in this gully, to

45.90 Leave same gully, course S. from NW..
Ascend 65 ft., over SW.slope.

57.25 Spur, slopes SE.
Descend 45 ft., over NW.slope.

63.10 Gulch, 100 lks.wide, course SE..
Ascend 110 ft., over SW.slope, to

75.90 Descend 32 ft., over NW.slope..

77.85 Gulch, 20 lks.wide, course SW.
Ascend 38 ft., over S.slope, to

80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 12 ins.in
the ground to bed rock, and raise a mound of stone
around post, for cor.of secs. 20,21, 28 and 29,marked
on brass cap,

$$\begin{array}{c} \text{T28N} \quad \text{R8 W} \\ \hline \text{S20} \quad \text{S21} \\ \hline \text{S29} \quad \text{S28} \end{array}$$

 1920
 from which,
 A pine, 24 ins.in diam., brs. N. $42\frac{1}{2}^{\circ}$ E., 86 lks.
 dist., marked T28N R8W S21 BT.
 A pine, 20 ins. in diam., brs. S. $44\frac{3}{4}^{\circ}$ E., 137 lks.
 dist., marked T28N R8W S28 BT.
 A forked pine, 30 ins.indiam., brs. S. 14° W., 18
 lks.dist., marked T28N R8W S29 BT.
 A pine, 20 ins. in diam., brs. N. $54\frac{1}{2}^{\circ}$ W., 132 lks.
 dist., marked T28N R8W S20 BT.
 Land,mountainous.
 Soil,rocky and gravelly, 3rd and 4th rate.
 Timber, dense juniper and pine.
 Undergrowth,dense sagebrush, scrub juniper and prickly
 ash.
 Fair grass.

40.00 N. $89^{\circ} 57'$ E., on a random line, bet.: secs.21 and 28.
Set temp. $\frac{1}{4}$ sec.cor.

80.08 Fall 19 lks.N. of the cor.of secs.: 21,22,27 and 28.
Thence,

3.96 N. $89^{\circ} 55'$ W., on a true line, bet. secs.21 and 28.
Over rolling land, thru. dense timber and undergrowth.
Descend 37 ft., over W.slope.

13.50 Wash,10 lks.wide, course SE.
Ascend 70 ft.,over SE.slope..
Point of spur, slopes S. from NW..
Descend 35 ft.,over SW.slope.

42 Subdivision lines of Township 28 North, Range 8 West.

Chains.	Fair grass.
40.00	East, on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the cor. of secs. 9, 10, 15 and 16. Thence, West, on a true line, bet. secs. 9 and 16. Over mountainous land, thru. scattering timber and dense undergrowth. Descend 20 ft., over SW. slope..
2.20	Gulch, 20 lks. wide, course SE. Ascend 28 ft., over E. slope.
3.70	Point of spur, slopes SE. Descend 8 ft., over SW. slope.
4.92	Gulch, 20 lks. wide, course S. 80° E.. Ascend 67 ft., over NE. slope..
11.10	Saddle in spur, sloping S.. Descend 23 ft., over SW. slope.
12.84	Gulch, 20 lks. wide, course S. 10° W., heads 2 chs. N. Ascend 57 ft., over SE. slope.
16.00	Point of spur, slopes S. Descend 53 ft. over SW. slope.
20.35	Gulch, 50 lks. wide, course S. Ascend 5 ft., over SE. slope.
22.80	Point of spur, slopes S. Descend 44 ft., over SW. slope.
25.90	Gulch, 20 lks. wide, course S. Ascend slightly over SE. slope, to
31.50	Gulch, 20 lks. wide, course SE. Ascend 35 ft., over SE. slope.
37.10	Point of spur, slopes S. Descend 20 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,
	S 9 $\frac{1}{4}$ S 16 1920
	from which, A pine, 20 ins. in diam., brs. S. $27\frac{1}{2}^{\circ}$ W., 131 lks. dist., marked $\frac{1}{4}$ S 16 BT. A pine, 12 ins. in diam., brs. N. 76° W., 173 lks. dist., marked $\frac{1}{4}$ S 9 BT.
44.30	Descend 53 ft., over SW. slope. Gulch, 20 lks. wide, course SE. Ascend 221 ft., over E. slope.
53.40	Point of spur, slopes SE. Descend 37 ft., over SW. slope.
60.30	Gulch, 15 lks. wide, course SE. Ascend 134 ft., over SE. slope, to
80.00	The cor. of secs. 8, 9, 16 and 17, on top of ridge, bearing NE. and SW. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, scattering juniper and pine. Undergrowth, dense manzanita, scrub oak and prickly ash. Fair grass.
	N. $0^{\circ}3'$ W., bet. secs. 8 and 9. Over rolling land, thru. scattering timber and dense undergrowth. Descend 52 ft., over NW. slope, to
10.00	Thence along W. slope, ascending gradually.
15.75	Barb wire fence, brs. E. and W.
25.00	Ascend 61 ft., over S. slope.
33.10	Spur, slopes SW.

Subdivision lines of Township 28 North, Range 8 West.

43

- Chains.
- 40.00 Descend 32 ft., over NW 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,
- $\frac{1}{4}$
S 8 | S 9
1920
- from which,
A pine, 14 ins. in diam., brs. S. 71° E., 662 lks.
dist., marked $\frac{1}{2}$ S 9 BT.
A pine, 14 ins. in diam., brs. N. 62° W., 326 lks.
dist., marked $\frac{1}{2}$ S 8 BT.
- 47.30 Descend 40 ft., over NW slope.
Head of wash, 10 lks. wide, course SW.; thence along gently
rolling W. slope, ascending very gradually.
- 52.00 Pinnacle Tank, brs. W. 27 chs. dist.
- 73.10 Wash 20 lks. wide, course SW.
- Ascend 15 ft., over SE. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 4, 5, 8 and 9, marked on
brass cap.,
- T28N R8 W
S 5 | S 4
S 8 | S 9
1920
- from which,
An oak, 14 ins. in diam., brs. N. 85° E., 120 lks.
dist., marked T28N R8W S4 BT.
A pine, 30 ins. in diam., brs. S. 57° E., 210 lks..
dist., marked T28N R8W S9 BT.
A pine, 18 ins. in diam., brs. S. $21\frac{1}{2}$ W., 76 lks..
dist., marked T28N R8W S8 BT.
An oak, 14 ins. in diam., brs. N. 11° W., 160 lks..
dist., marked T28N R8W S5 BT.
- Land, rolling.
Soil, gravelly clay loam, 3rd rate.
Timber, scattering pine, juniper and oak.
Undergrowth, dense scrub oak, manzanita and locust.
Fair grass.
-
- 40.00 East, on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec.cor.
- 79.90 Fall 12 lks. S. of the cor. of secs. 3, 4, 9 and 10.
Thence,
S. $89^{\circ}55'$ W., on a true line, bet. secs. 4 and 9.
Over mountainous land, thru. scattering timber and dense
undergrowth.
- 6.96 Descend 83 ft., over SW. slope.
Gulch, 20 lks. wide, course S.
- 8.65 Ascend 12 ft., over SE. slope.
Descend 10 ft., over SW. slope.
- 9.22 Gulch, 20 lks. wide, course SE.
Ascend 62 ft., over E. slope.
- 12.36 Point of spur, slopes SE.
Descend 20 ft., over SW. slope.
- 16.15 Gulch, 10 lks. wide, course SE.
Ascend 80 ft., over E. slope.
- 22.82 Spur, slopes S. 20° E.
Descend 105 ft., over SW. slope, to
- 32.40 Gulch, 20 lks. wide, course SE.
Ascend slightly over SE. slope, to
- 33.53 Gulch, 20 lks. wide, course SE.
Ascend 120 ft., over E. slope, to
- 39.95 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,

44 Subdivision lines of Township 28 North, Range 8 West.

Chains.

 $\frac{1}{2} S \frac{4}{5}$
 S 9
 1920

- from which,
 A juniper, 12 ins. in diam., brs. S. 70° E., 114 lks. dist., marked $\frac{1}{2} S 9$ BT.
 A juniper, 10 ins. in diam., brs. N. 45° W., 242 lks. dist., marked $\frac{1}{2} S 4$ BT.
 Leave mountainous, and enter rolling land.
 Ascend 100 ft., over NE. slope.
 61.80 Ridge, brs. NW. and SE.
 Descend 30 ft., over SW. slope, to
 68.80 Wash, 10 lks. wide, course SE.
 Ascend 25 ft., over SE. slope.
 72.00 Descend 12 ft., over SW. slope.
 79.10 Wash, 10 lks. wide, course S.
 Ascend slightly over E. slope, to
 79.90 The cor. of secs. 4, 5, 8 and 9.
 Land; E. $\frac{1}{2}$, mountainous; W. $\frac{1}{2}$ rolling.
 Soil, gravelly loam, 3rd rate.
 Timber, scattering juniper and pine.
 Undergrowth, dense prickly ash, scrub oak and manzanita.
 Fair grass.

N. 0° 3' W., on true line, bet. secs. 4 and 5.
 Over rolling land, thru. scattering timber and undergrowth.
 Ascend slightly over E. slope, to
 7.80 Gully, 10 lks. wide, course S. 20° E.
 Ascend 95 ft., over SE. slope.
 30.00 Ridge, brs. NE. and SW.
 Descend 25 ft., over NW. 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,

 $\frac{1}{2} S \frac{5}{5} S \frac{4}{4}$
 1920

- from which,
 A pine, 20 ins. in diam., brs. N. 22° E., 23 lks. dist., marked $\frac{1}{2} S 4$ BT.
 A pine, 26 ins. in diam., brs. S. 12° W., 50 lks. dist., marked $\frac{1}{2} S 5$ BT.
 Descend 67 ft., over NW. slope.
 45.77 Gully, 50 lks. wide, course E. from NW., joined at this point by another gully from SW.
 Ascend 48 ft., over S. slope.
 51.27 Spur, slopes SE.
 Descend 26 ft., over NE. slope.
 57.60 Gully, 10 lks. wide, course SE. near head.
 Ascend 33 ft., over SE. slope.
 63.80 Spur, slopes NE.
 Descend 10 ft., over NW. slope, to
 66.51 Intersect the N. bdy. of the Tp. (7th. Std. Par. N.) at a point 14.40 chs. W. from the std. $\frac{1}{4}$ sec. cor. of sec. 33, T29 N., R. 8 W., established under current Group No. 106, which is an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in a mound of stone, properly marked on brass cap, and witnessed by two properly marked bearing trees, as follows:

A pine, N. $16\frac{1}{2}$ ° E., 114 lks. dist.
 A pine, N. $56\frac{1}{2}$ ° W., 41 lks. dist.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, marked on brass cap.

Subdivision lines of Township 28 North, Range 8 West.

45

Chains.

T29N R8 W
 S33
 S 5 | S 4
 T28N R8 W
 C C
 1920

from which,

A pine, 24 ins. in diam., brs. S. 70° E., 97 lks.

dist., marked T28N R8W S4 CC BT.

A pine, 16 ins. in diam., brs. S. 10° W., 115 lks.

dist., marked T28N R8W S5 CC BT.

Land, rolling.

Soil, rocky and gravelly, 3rd and 4th rate.

Timber, scattering pine and juniper.

Undergrowth, scattering scrub oak, locust and chemisal.

Fair grass.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the
 Tp., described in Book "G,"
 N. 0° 3' W., bet. secs. 31 and 32.
 Over mountainous land, thru. dense timber and scattering
 undergrowth.

- 3.80 Descend 9 ft., over N. slope.
 Gully, 10 lks. wide, course NE.
 Ascend 8 ft., over SE. slope.
 6.20 Point of spur, slopes NE.
 Descend 22 ft., over N. slope.
 7.66 Gully, 50 lks. wide, course NE.
 Ascend 67 ft., over S. slope.
 14.96 Point of spur, slopes SE.
 Descend 138 ft., over NE. slope.
 27.06 Gulch, 20 lks. wide, course SE.
 Ascend 105 ft. over SE. slope to $\frac{1}{4}$ sec. cor.
 35.00 Leave scattering, and enter dense undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
 the ground to bedrock, and raise a mound of stone
 around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S31 | S32
 1920

from which,

A juniper, 6 ins. in diam., brs. N. 35 $\frac{3}{4}$ ° E., 15
lks. dist., marked $\frac{1}{4}$ S 32 BT.A juniper, 14 ins. in diam., brs. N. 45 $\frac{1}{4}$ ° W., 31
lks. dist., marked $\frac{1}{4}$ S 31 BT.

- 46.06 Ascend 35 ft., over SE. slope, to
 Head of gully, course S. 15° E.
 Ascend 97 ft., over S. slope.
 55.00 Ridge, brs. E. and W.
 Descend 92 ft., over N. slope, to
 74.12 Change to NE. slope, and descend slightly to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 29, 30, 31 and 32, marked
 on brass cap,

T28N R8 W
 S30 | S29
 S31 | S32
 1920

from which,

A juniper, 6 ins. in diam., brs. N. 35 $\frac{3}{4}$ ° E., 43
lks. dist., marked $\frac{1}{4}$ S 31 BT.A pine, 10 ins. in diam., brs. N. 37° E., 20
lks. dist., marked $\frac{1}{4}$ S 32 BT.

46 Subdivision lines of Township 28 North, Range 8 West.

Chains.

A pinyon, 6 ins. in diam., brs. N. $10\frac{1}{2}$ ° E., 48^{1/2}
lks. dist., marked T28N R8W S29 BT.
A pine, 10 ins. in diam., brs. S. $37\frac{1}{2}$ ° E., 28
lks. dist., marked T28N R8W S32 BT.
A pine, 10 ins. in diam., brs. S. $57\frac{3}{4}$ ° W., 172
lks. dist., marked T28N R8W S31 BT.
A pine, 6 ins. in diam., brs. N. $44\frac{3}{4}$ ° W., 219
lks. dist., marked T28N R8W S30 BT.

Land, mountainous.

Soil, sandy and gravelly clay, 3rd rate.

Timber; dense pine and oak and juniper.

Undergrowth; prickly ash, scrub juniper, scrub oak and sage brush, scattering in S. 35 chs.; dense elsewhere.

Fair grass.

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

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

80.02 Fall 7 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

S. $89^{\circ}57'W.$, on a true line, bet. secs. 29 and 32.

Over mountainous land, thru. dense timber and undergrowth.

Ascend 45 ft., over E. slope.

5.15 Spur, slopes NE.

Descend 40 ft., over NW. slope.

11.23 Gulch, 20 lks. wide, course NE.

Ascend 158 ft. over NE. slope.

20.80 Point of spur, slopes NE.

Descend 25 ft. over NW. slope.

30.70 Head of gulch, course N. $10^{\circ}E.$

Ascend 55 ft., over E. slope.

36.95 Spur, slopes N.

Descend 32 ft., over W. slope, to

40.01 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.1 S 29 $\frac{1}{4}$ S 32

1920

from which,

A pine, 26 ins. in diam., brs. S. $83^{\circ} E.$, 130
lks. dist., marked $\frac{1}{4}$ S 32 BT,A pine, 16 ins. in diam., brs. N. $47\frac{1}{4}^{\circ}W.$, 70
lks. dist., marked $\frac{1}{4}$ S 29 BT.

Descend 118 ft., over W. slope.

42.85 Head of gulch, 20 lks. wide, course N.

Ascend 134 ft., over E. slope.

52.80 Spur, slopes N.

Descend 109 ft., over W. slope.

60.00 Gulch, 50 lks. wide, course N. $15^{\circ}E.$

Ascend 131 ft., over E. slope.

70.95 Spur, slopes N.

Descend 87 ft., over W. slope.

77.40 Gulch, 20 lks. wide, course NE. from S., near head; ascend
70 ft., over NE. slope, to

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

Land, mountainous.

Soil, gravelly clay loam, 3rd rate.

Timber, dense pine and juniper.

Undergrowth, dense quinine brush, prickly ash, scrub juniper and sagebrush.

Fair grass.

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

Set temp. $\frac{1}{4}$ sec. cor.76.97 Fall 9 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the
W. bdy. of the Tp., hereinbefore described.

Subdivision lines of Township 28 North, Range 8 West.

47

Chains.

- Thence,
S.89°56'E., on a true line, bet. secs.30 and 31.
Over mountainous land, thru. dense timber and undergrowth.
Descend 22 ft., over SE.slope.
2.40 Center of bottom of canyon, 2 chs. wide, course SW.
Ascend 756 ft., over steep broken N. and NW. slope.
31.40 Point of short spur, slopes N. from canyon rim.
Descend 58 ft., over NE.slope.
.33.80 Gulch, 50 lks.wide, course N.10°W., near head.
Ascend 134 ft., over NW.slope, to
36.97 Set an iron post, 3 ft.long, 1 in. in diam., 20 ins.in
the ground to bed rock, and raise a mound of stone
around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,

1 S 30

4 S 31

1920

from which;

A pine, 12 ins. in diam., brs.North 10 lks.

dist., marked $\frac{1}{2}$ S 30 BT.

A pine, 12 ins. in diam., brs.S.60°W., 74 lks.

dist., marked $\frac{1}{2}$ S 31 BT.

Ascend 50 ft., over NW.slope.

41.86 Point of spur, slopes NE.

Descend 65 ft., over NE.slope.

47.50 Gulch, 50 lks.wide, course NW. near head.

Ascend 233 ft., over W.slope.

58.07 Spur, slopes N.

Descend 41 ft., over E.slope.

67.96 Gulch, 20 lks.wide, course NE.

Ascend 52 ft., over NW.slope.

74.77 Descend slightly over NE.slope, to

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

Land, mountainous.

Soil, rocky and gravelly, 4th rate.

Timber, dense juniper and pine.

Undergrowth, dense scrub oak, sagebrush and prickly ash.

No grass.

N.0°3'W., bet. secs. 29 and 30.

Over mountainous land, thru. dense timber and undergrowth.

Descend slightly over NE.slope, to

2.60 Descend 117 ft., over N.slope.

6.50 Gulch, 50 lks.wide, course NE.

Ascend 140 ft., over S.slope.

17.30 Ridge, bearing NE. and SW. Spur, slopes N. from this
point.

Descend 75 ft., along top of spur, to

26.62 Leave top of spur, sloping N.10°E. from S.

Descend 218 ft., over NW.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, $\frac{1}{2}$
S30 | S29

1920

from which,

A pine, 16 ins.in diam., brs.N.10 $\frac{3}{4}$ E., 250 lks.dist., marked $\frac{1}{2}$ S 29 BT.A pine, 19 ins.in diam., brs.N.26 $\frac{1}{4}$ W., 198 lks.dist., marked $\frac{1}{2}$ S 30 BT.

Descend 66 ft., over NW.slope, to

44.90 Gulch, 20 lks.wide, course N. 25°E.

Descend 105 ft. over NE.slope.

54.40 Gulch, 20 lks.wide, course NW. into bottom of canyon, 2

48. Subdivision lines of Township 28 North Range 8 West.
Chains.

- chs. dist.
 Ascend 90 ft., over SW. slope.
 Point of spur, slopes W.
 Descend 12 ft., over NW. slope, to
 Thence along W. slope, on E. wall of canyon.
 Ascend 20 ft., to
 Bottom of canyon, 30 lks. wide, course S. 10° W. from N. Thence
 along same, ascending slightly to
 Leave bottom of canyon, course S. from NE.
 Ascend 7 $\frac{1}{2}$ ft. over E. slope, to
 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,

T28N R8 W

S19 S20

S30 S29

1920

from which,

- A pine, 20 ins. in diam., brs. N. $61\frac{3}{4}^{\circ}$ E., 163 lks.
 dist., marked T28N R8W S20 BT.
 A pine, 12 ins. in diam., brs. S. $44\frac{3}{4}^{\circ}$ E., 112 lks.
 dist., marked T28N R8W S29 BT.
 A pine, 30 ins. in diam., brs. S. $20\frac{3}{4}^{\circ}$ W., 178 lks.
 dist., marked T28N R8 W S30 BT.
 A pine, 26 ins. in diam., brs. N. $42\frac{3}{4}^{\circ}$ W., 106 lks.
 dist., marked T28N R8W S19 BT.

Land, mountainous.

Soil, sandy and gravelly clay, 3rd rate.

Timber, dense pine and juniper.

Undergrowth, dense sagebrush, quinine brush, scrub juniper and prickly ash.

Poor grass.

- N. $89^{\circ}57'$ E., on a random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 14 lks. N. of the cor. of secs. 20, 21, 28 and 29.
 Thence,
 N. $89^{\circ}57'$ W., on a true line, bet. secs. 20 and 29.
 Over mountainous land, thru. dense timber and undergrowth.
 Descend 62 ft., over SW. slope.
 Gulch, 100 lks. wide, course S. 10° W.
 Ascend 45 ft., over E. slope.
 Point of spur, slopes SE.
 Descend 20 ft., over SW. slope.
 Gully, 10 lks. wide, course S. 20° E.
 Ascend 25 ft., over E. slope.
 Spur, slopes SE.
 Descend 36 ft., over SW. slope.
 Gully, 10 lks. wide, course S.
 Ascend 28 ft., over E. 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,

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

S 29

1920

from which,

- A pine, 7 ins. in diam., brs. S. $76\frac{1}{2}^{\circ}$ W., 98 lks.

dist., marked $\frac{1}{4}$ S 29 BT.

- A pine, 12 ins. in diam., brs. N. $26\frac{1}{2}^{\circ}$ W., 292 lks.

dist., marked $\frac{1}{4}$ S 20 BT.

Ascend slightly over E. slope.

Ridge, brs. N. and S.

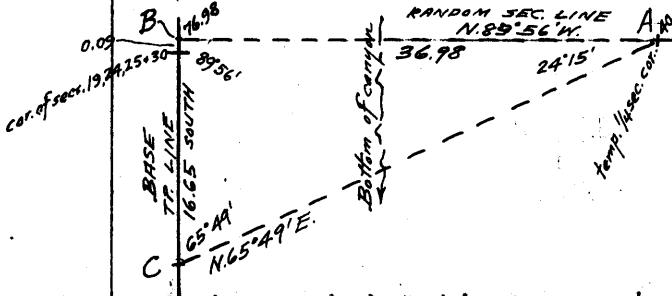
Descend 46 ft., over W. slope, to

Head of gully, course S.

Ascend 34 ft. over SE. slope.

Descend 80 ft. over SW. slope.

Subdivision lines of Township 28 North, Range 8 West. 49

Chains.	
57.10	Gulch, 20 lks.wide, course S. Descend 28 ft., over S.slope, to
61.30	Gulch, 40 lks.wide, course NW. Ascend 105 ft., over NE.slope.
69.70	Point of spur, slopes N.10°W.
78.50	Descend 173 ft., over W.slope. Bottom of canyon, 40 lks.wide, course S.10°W.
80.06	Ascend 7 ft., over E.slope, to The cor.of secs.19,20, 29 and 30. Land, mountainous. Soil, sandy and gravelly, 3rd rate. Timber, dense juniper and pine. Undergrowth, dense prickly ash, buck brush, scrub oak, quinine brush and sagebrush. Fair grass.
40.00	N.89°56'W., on a random line, bet. secs.19 and 30. Set temp. $\frac{1}{4}$ sec.cor. Beyond this point, the line crosses a deep canyon, course S., and the east or left wall of same is too steep and broken to render chaining of measurement on the sec. line practicable; therefore, triangulate as described as follows, and as shown on the diagram hereon:
76.98	 <p>Set flag at temp.$\frac{1}{4}$ sec.cor. indicated on diagram at "A". A point "B" on W. bdy. of Tp., 9 lks.N. of the cor.of secs. 19,24, 25 and 30, brs.N.89°56'W. from "A." From "B" measure a base South, 16.65 chs. to point "C." Bearing "C-A" = N.65° 49' E. Included angles of triangle "A-B-C" are 24°15', 89°56' and 65°49', the sum of which is 180°00'. Triangulated measurement from "A" to "B" is obtained by $\frac{\sin 65^{\circ}49'}{\sin 24^{\circ}15'} \times \text{Base} \text{ or } \frac{0.91224}{0.41072} \times 16.65 = 36.98 \text{ chs.},$ which added to 40.00 chs. gives .76.98 chs. as the total length of the random sec.line. The vertical angle from "B" to "A" + 12°. Fall 9 lks. N. of the cor. of secs. 19,24, 25 and 30, on the W. bdy. of the Tp., hereinbefore described. Thence, East, on a true line, bet. secs.19 and 30. Over mountainous land, thru. dense timber and undergrowth. Chain measurement for 15.90 chs. Descend 233 ft., over steep E.slope. Bottom of canyon, 50 lks.wide, course S. Discontinue chaining. Measurement to $\frac{1}{4}$ sec.cor. by triangulation hereinbefore described. Ascend 752 ft., over steep broken W.slope, to Set an iron post, 3 ft.long, 1 in. diam., 6 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,</p>
15.90	$\frac{1}{4}$ S 19 S 30 1920
36.98	from which, A pine, 12 ins. in diam. brs.S.45°E., 6 lks. dist., marked $\frac{1}{4}$ S 30 BT. A pine, 10 ins. in diam. brs.N.10°W., 64 lks. dist., marked $\frac{1}{4}$ S 19 BT. Continue line and measurement by chaining.

50 Subdivision lines of Township 28 North, Range 8 West

Chains.	Ascend 163 ft. over W. slope. Ridge, brs. N. 10° W. and S. 10° E. Descend 230 ft., over E. slope, to Gulch, 20 lks. wide, course SE. Ascend 8 ft., over SW. slope. Descend 190 ft., over SE. and E. slopes, to The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, dense juniper and pine. Undergrowth, dense scrub oak, quinine brush and prickly ash and sagebrush. No grass.
1.30	N. 0° 3' W., bet. secs. 19 and 20. Over mountainous land, thru. dense timber and undergrowth. Descend 8 ft., over E. slope, to Bottom of canyon, 20 lks. wide, course S. 5° E. from N.; thence along bottom of canyon, crossing and recrossing same. Ascend 83 ft., to
40.00	On E. edge of bottom of canyon, 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,
	$\frac{1}{4}$ S19 S20 1920
	from which, A pine, 20 ins. in diam., brs. S. $36\frac{1}{4}$ ° E., 44 lks. dist., marked $\frac{1}{4}$ S 20 BT. A pine, 24 ins. in diam., brs. S. 43° W., 100 lks. dist., marked $\frac{1}{4}$ S 19 BT. Continue along bottom of canyon, general course S. Ascend 65 ft. to
48.70	Head of canyon. Gulch, from NW. enters bottom of canyon at this point. Leave bottom of canyon. Ascend 90 ft., over SW. slope.
59.60	Ridge, brs. NW. and SE. Descend 104 ft., over NE. slope.
71.00	Gulch, 20 lks. wide, course NE. near head. Ascend 37 ft., over SE. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,
	T28N R8 W. S18 S17 S19 S20 1920
	from which, A pine, 8 ins. in diam., brs. N. $74\frac{1}{2}$ ° E., 256 lks. dist., marked T28N R8W S17 BT. A pine, 24 ins. in diam., brs. S. $14\frac{1}{4}$ ° E., 41 lks. dist., marked T28N R8W S20 BT. A juniper, 12 ins. in diam., brs. S. $51\frac{1}{2}$ ° W., 41 lks. dist., marked T28N R8W S19 BT. A juniper, 6 ins. in diam., brs. N. $40\frac{3}{4}$ ° W., 100 lks. dist., marked T28N R8W S18 BT. Land, mountainous. Soil, sandy and gravelly clay loam, 3rd rate. Timber, dense juniper and pine. Undergrowth, dense sage brush, scrub oak and buck brush. Fair grass.

Subdivision lines of Township 28 North, Range 8 West. 51

194

Chains.	S.89°57'E., on a random line, bet. secs.17 and 20. Set temp. $\frac{1}{4}$ sec.cor. Fall 7 lks.S.of the cor. of secs. 16,17,20 and 21. Thence, West, on a true line, bet. secs.17 and 20. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 47 ft., over SE.slope, to Ascend 55 ft. over NE.slope. Top of knoll, brs.NW. and SE. Descend 44 ft., over W.slope. Barb wire fence, brs. NW. and SE. Gulch, 10 lks.wide, course SE. near head. Ascend 37 ft., over E.slope. Descend 67 ft., over SW.slope. Gulch, 10 lks.wide, course SE. Ascend 86 ft., over E.slope. Ridge, brs.N. and S. Leave scattering and enter dense tim- ber. Descend 50 ft. over W.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,
	$\frac{1}{4}$ S 17 S 20 1920
	from which, A pine, 20 ins. in diam., brs.N. 81°W., 88 lks. dist., marked $\frac{1}{4}$ S 17 BT. A pine, 20 ins. in diam., brs.S. 71°W., 74 lks. dist., marked $\frac{1}{4}$ S 20 BT. Descend 65 ft., over W.slope. Gulch, 20 lks.wide, course N.; ascend 70 ft., over NE. slope. Point of spur, slopes N. Descend 136 ft., over NW.slope. Gulch, 30 lks.wide, course N. Ascend 140 ft., over NE.slope. Point of spur, slopes N. Descend 278 ft., over NW.slope. Gulch, 20 lks.wide, course N. Ascend 80 ft., over SE.slope, to The cor.of secs.17,18,19 and 20. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, juniper and pine, scattering in L.31 $\frac{1}{2}$ chs.;dense elsewhere. Undergrowth, dense quinine brush, prickly ash, locust, scrub oak and sage brush. Fair grass.
	----- West, on a random line, bet. secs.13 and 19. Set temp. $\frac{1}{2}$ sec.cor. Intersect the cor.of secs.13,18, 19 and 24, on the W.bdy. of the Tp., hereinbefore described. Thence, East, on a true line, bet. secs.18 and 19. Over mountainous land, thru. dense timber and undergrowth. Descend 55 ft., over NE.slope. Gulch, 50 lks.wide, course N. Ascend 34 ft., over NW. slope. Point of spur, slopes N. Descend 29 ft., over NE.slope. Gulch, 30 lks.wide, course NW. Ascend 242 ft., over SW.and S.slopes. Set an iron post 3 ft.long, 1 in. in diam., 8 ins. in the ground to bed rock, and raise a mound of stone

Subdivision lines of Township 28 North, Range 8 West.

53

Chains.

- An oak, 10 ins. in diam. brs. S. $23\frac{1}{2}$ °W., 51 lks.
dist., marked T28N R8W S18 BT.
A pine, 20 ins. in diam. brs. N.9°E., 190 lks.
dist., marked T28N R8W S8 BT.
Land, mountainous.
Soil, rocky and gravelly, 4th rate.
Timber dense pine and juniper and scattering oak.
Undergrowth, scattering locust, prickly ash and scrub oak.
No grass.
-
- 13.14 East, in a random line, bet. secs. 8 and 17.
Foot of cliffs, brs. N.85°E. and S.85°W. Beyond this
point, line passes over N. face of cliffs, and chain-
ing is impracticable; therefore triangulate as de-
scribed as follows, and as shown on the diagram hereon:
-
- From 13.14 ch. station on random sec.line indicated on diagram at "A," measure a Base N.50°E., 6.40 chs., to point "B."
Set flag ahead on random line at point "C."
Vertical angle "A" to "C" = +11°.
Bearing "B-C" = S.72° 15'E.
Included angles of triangle "A-B-C" are 40°00', 122°15'
and 17°45', the sum of which is 180° 00'.
Triangulated measurement of "A-C" is obtained by
 $\frac{\sin 122^\circ 15'}{\sin 17^\circ 45'} \times \text{Base} = \frac{0.84573}{0.30486} \times 6.40 = 17.75$ chs.,
- which added to 13.14 chs. gives 30.89 chs. East
from cor. of secs. 7, 8, 17 and 18, for the position of
triangulation point "C."
- 30.89 Triangulation point.
Continue line and measurement by chaining.
- 38.48 Triangulation point.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
Beyond this point, line passes over face of cliffs, and
chaining is impracticable; therefore, triangulate as
described as follows, and as shown on the diagram
hereon:
-
- Set flag at 38.48 ch. station on random sec.line, indicated on diagram at "A."
From point "B" ahead on random line, measure a Base N.14° 47'E., 8.75 chs. to point "C."
Bearing "C-A" = S.63° 45' W.
Included angles of triangle "A-B-C" are 26°15', 104°47'
and 48°58', the sum of which is 180°00'.
Triangulated measurement of "A-B" is obtained by
 $\frac{\sin 48^\circ 58'}{\sin 26^\circ 15'} \times \text{Base} = \frac{0.75433}{0.44229} \times 8.75 = 14.92$ chs., which,
added to 38.48 chs. gives 53.40 chs. E. from cor. of
secs. 7, 8, 17 and 18 for the position of triangulation
point "B."
- 53.40 Triangulation point.
Continue line and measurement.
- 80.02 Intersect the cor. of secs. 8, 9, 16 and 17.
Thence,
West, on true line, bet. secs. 8 and 17.
Over mountainous land, thru. scattering timber and under-
growth.
Descend 69 ft.; over NW. and W. slopes, to

361 Subdivision lines of Township 28 North, Range 8 West.

Chains.	
20.00	Descend 180 ft., over steep SW. slope to bottom of canyon.
26.62	Triangulation point. Continue chaining to
31.50	Bottom of canyon, 50 lks. wide, course N. 85° W. Ascend over steep broken N. slope. Discontinue chaining. Measurement by triangulation to
40.01	41.54 ch. station; thence chaining East 1.53 chs. to On steep N. slope, near bottom of canyon, course W. 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,
	$\frac{1}{4}$ S 8 S 17 1920
	from which, A pine, 14 ins. in diam., brs. N. 84° W., 180 lks. dist., marked $\frac{1}{4}$ S 8 BT. A pine, 8 ins. in diam., brs. S. 73° W., 166 lks. dist., marked $\frac{1}{4}$ S 17 BT.
41.54	Triangulation point. Continue line and measurement by chaining. Thence over steep broken N. slope on S. or left wall of a canyon, course W. near bottom of same. Ascend 100 ft. to
46.48	Mouth of a gulch, from SE. Ascend over NE. slope, to
49.13	Triangulation point. Discontinue chaining. Triangulate measurement of 17.75 chs., as hereinbefore described, over steep N. faces of cliffs. Old Indian Grove, brs. N. 50 lks. dist. in bottom of can- yon.
66.88	Descend 250 ft. to bottom of canyon. Triangulation point, at foot of cliffs in bottom of can- yon, 100 lks. wide, course W. At this point, a gulch, from NE. drains into the canyon. A spring in the bottom of this gulch, brs. NE. about 15 chs. dist. Continue line and measurement by chaining.
80.02	Descend 170 ft. along bottom of canyon to The cor. of secs. 7, 8, 17 and 18, in bottom of canyon, 100 lks. wide course W. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, scattering juniper and pine. Undergrowth, scattering scrub oak, scrub juniper and manzanita. No grass.
40.00	West, on random line, bet. secs. 7 and 18. Set temp. $\frac{1}{2}$ seccor.
76.85	Intersect the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described. Thence,
	East, on true line, bet. secs. 7 and 18. Over mountainous land, thru. dense timber and undergrowth, near bottom of canyon, course W.
2.10	Ascend 38 ft., to
3.70	Descend 42 ft. Bottom of canyon, course N. 85° W. from N. 80° E. Ascend 244 ft. over NW. face of cliffs.
10.71	Descend 90 ft., over steep NE. slope.
14.06	Gulch, 25 lks. wide, course NW. near point of junction, with bottom of canyon.
23.36	Ascend 316 ft., over steep broken NW. slope, to S. or left rim of canyon, brs. S. and N. 80° E. Thence along N. slope, near same canyon rim. Descend 40 ft., to

Subdivision lines of Township 28 North, Range 8 West.

55

Chains.	
29.93	Same canyon rim, brs. N. 80° W. and SE. Descend 130 ft., over NE. slope.
35.65	Gulch, 20 lks. wide, course NW. into canyon. Ascend 35 ft., over W. slope, to
36.85	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,
	$\frac{1}{4} S 7$ S 18 1920
	from which, A pine, 10 ins. in diam., brs. N. 62° W., 67 lks. dist., marked $\frac{1}{4} S 7$ BT. A pine, 10 ins. in diam., brs. S. 62° W., 144 lks. dist., marked $\frac{1}{4} S 18$ BT.
48.03	Ascend 480 ft., over steep W. slope, to Rim of canyon, brs. S. and N. 85° E. Thence along N. slope near rim of canyon, with slight change in elevation, to
52.23	Same canyon rim, brs. S.E. and N. 85° W. at point of spur, sloping NW.
71.65	Descend 493 ft., over steep broken NE. slope, to Bottom of canyon, 100 lks. wide, course NW. from E. Ascend gradually in bottom of canyon to sec. cor.
71.85	Barb wire fence brs. NW. and SE.
73.05	Mouth of gulch, from SE.
76.85	The cor. of secs. 7, 8, 17 and 18 in bottom of canyon, 100 lks. wide., course W. Land, mountainous. Soil, gravelly and rocky, 4th rate. Timber, dense juniper and pine. Undergrowth, dense prickly ash, locust and scrub oak. No grass.
	N. 0° 3' W., bet. secs. 7 and 8. Over mountainous land, thru. dense timber and undergrowth. The south portion of this line passes over very steep cliffs and ledges on the N. or right wall of can- yon, and chaining is impracticable; therefore, trian- gulate as described as follows, and as shown on the diagram hereon:
	<p>From cor. of secs. 7, 8, 17 and 18, indicated on diagram at "A," measure a Base West 20.27 chs., and set flag "C." Set flag "B" ahead on sec. line. Bearing "B-C" = S. 39° 16' W. Vertical angle "A-B" = + 21$\frac{1}{4}$. Included angles of triangle "A-B-C" are 89° 57', 39° 19' and 50° 44', the sum of which is 180° 00'. Triangulated measurement of "A-B" is obtained by sine 50° 44' x Base or $.77421 \times 20.27 = 24.77$ chs. sine 39° 19' .63361</p>
24.77	Triangulation point on N. or right wall of canyon 635 ft. above the cor. of secs. 7, 8, 17 and 18. Continue line and measurement by chaining. Ascend 111 ft. over S. slope.
29.67	North or right rim of canyon, brs. N.E. and SW. Ascend 30 ft., over S. slope, to
34.65	Spur, slopes SW.
40.00	Descend 52 ft., over NW. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

56 Subdivision lines of Township 28 North, Range 8 West.
Chains.

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

$\frac{1}{4}$
S 7 | S 8
1920

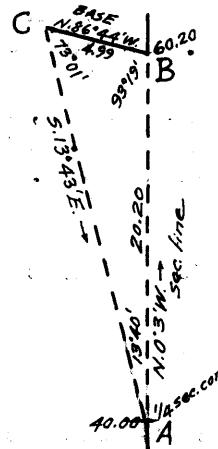
from which,

A pine, 8 ins. in diam., brs. N. $12\frac{1}{2}^{\circ}$ E., 47 lks.
dist., marked $\frac{1}{4}$ S 8 BT.

A pine, 6 ins. in diam., brs. S. 26° W., 70 lks.
dist., marked $\frac{1}{4}$ S 7 BT.

Descend about 336 ft. over steep broken NW. slope to bottom of gulch.

The sides of this gulch are too steep and broken to permit of accurate chaining; therefore, triangulate the measurement of the sec.line across the gulch, as described as follows, and as shown on the diagram hereon;



- Set flag at $\frac{1}{4}$ sec.cor., indicated on diagram at "A."
- From a point "B" on sec.line on opposite side of gulch, measure a Base N. $86^{\circ}44'$ W., 4.99 chs. to point "C."
- Bearing "C-A" = S. $13^{\circ}43'$ E.
- Vertical angle "A" to "B" = -9° .
- Included angles of triangle "A-B-C" are $13^{\circ}40'$, $93^{\circ}19'$ and $73^{\circ}01'$, the sum of which is $180^{\circ}00'$.

Triangulated measurement of "A-B" is obtained by

$$\frac{\sin 73^{\circ} 01' \times \text{Base}}{\sin 13^{\circ} 40'} \text{ or } \frac{.95639 \times 4.99}{.23627} = 20.20 \text{ chs.}$$

which, added to 40.00 chs. gives 60.20 chs. N. $0^{\circ}3'W.$ from the cor. of secs. 7, 8, 17 and 18 for the position of the triangulation point.

54.00 (Approximate) Gulch, 30 lks. wide, course SW.

Ascend about 130 ft., over steep S. slope, to

60.20 Triangulation point at N. rim of gulch, bearing NE. and SW.

Leave dense, and enter scattering timber.

Continue line and measurement by chaining.

Ascend 40 ft., over gradual SE. slope, to

78.27 Head of gully, course SE.

Ascend slightly over S. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. indiam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,

T28N R8W
S 6 | S 5
S 7 | S 8
1920

from which,

A pine, 8 ins. in diam., brs. S. 52° E., 318 lks.
dist., marked T28N R8W S8 BT.

A pine, 8 ins. in diam., brs. S. $56\frac{1}{4}^{\circ}$ W., 261 lks.
dist., marked T28N R8W S7 BT.

A pine, 8 ins. in diam., brs. N. 52° W., 209 lks.
dist., marked T28N R8W S6 BT.

and dig a pit, 18x18x12 ins. NE. of post, 3 ft. dist.
Land, mountainous.

Soil, rocky, 4th rate.

Timber, pine and juniper, dense in S. 60 chs.; scattering elsewhere.

Subdivision lines of Township 28 North, Range 8 West.

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Chains.	
	Undergrowth, dense scrub oak, scrub juniper and locust. No grass.
40.00	East, on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec.cor.
79.90	Fall 16 lks. N. of the cor. of secs. 4, 5, 8 and 9. Thence, N. $89^{\circ}53'W.$, on a true line, bet. secs. 5 and 8. Over rolling land, thru. dense timber and scattering undergrowth.
17.00	Ascend 53 ft., over SE.slope. Spur, slopes SW.
24.30	Descend 39 ft., over W.slope, to Wash, 20 lks.wide, course S.
32.40	Descend 34 ft., over S.slope, to Wash, 15 lks.wide, course S.
39.95	Ascend 27 ft., over SE.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,
	$\frac{1}{4}$ S 5 S 8 1920
	from which, A pine, 18 ins.in diam., brs. N. $27^{\circ}E.$, 86 lks. dist., marked $\frac{1}{4}$ S 5 BT. A juniper, 12 ins. in diam., brs. S. $42^{\circ}E.$, 115 lks. dist., marked $\frac{1}{4}$ S 8 BT.
50.45	Ascend 58 ft., over SE.slope.
63.60	Descend 27 ft., over SW.slope. Wash, 20 lks.wide, course S. $20^{\circ} E.$. Leave dense, and enter scattering timber.
71.20	Ascend 50 ft., over SE.slope. Descend gradually along S.slope, to
79.90	The cor.of secs. 5,6,7 and 8. Land, rolling. Soil, rocky, 4th rate. Timber, juniper and pine, dense in E. 63 $\frac{1}{2}$ chs., scatter- ing elsewhere. Undergrowth, scattering scrub oak, prickly ash and sage brush. No grass.
40.00	West, on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec.cor.
76.60	Fall 5 lks.S.of the cor. of secs. 1,6, 7 and 12, on the W. bdy. of the Tp.; hereinbefore described. Thence, S. $89^{\circ}58'E.$, on a true line, bet. secs. 6 and 7. Over mountainous land, thru. scattering timber and dense undergrowth, along N.or right wall of canyon.
8.10	Ascend 79 ft., over S.slope,to
17.09	Descend 93 ft., over SE.slope. Gulch, 10 lks.wide, course S. into canyon.
19.85	Ascend 57 ft.,over SW.slope.
21.35	Descend 30 ft.,over SE.slope. Bottom of canyon, 30 lks.wide, course SW.
36.60	Ascend 293 ft. over steep broken NW.slope, to Set an iron post, 3 ft.long, 1 ih. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

1 S 6
S 7
1920

from which,

58 Subdivision lines of Township 28 North, Range 8 West.

Chains.	
	A pine, 10 ins. in diam., brs. N. 41° E., 180 lks. dist., marked $\frac{1}{4}$ S 6 BT.
	A pine, 10 ins. in diam., brs. S. 83° E., 390 lks. dist., marked $\frac{1}{4}$ S 7 BT.
54.20	Ascend 756 ft., over very steep broken W. slope, to Top of cliffs, bearing NW. and SE. facing W.
68.40	Descend 45 ft., over S. and SE. slopes. Gully, 15 lks. wide, course SW., near head. Leave mountainous, and enter rolling land.
76.60	Ascend 57 ft., over S. slope, to The cor. of secs. 5, 6, 7 and 8. Land, W. 68½ chs., mountainous; remainder, rolling. Soil, rocky, 4th rate. Timber, scattering juniper and pine. Undergrowth, dense scrub oak, prickly ash, sagebrush and locust. No grass.
2.10	N. 0° 3' W., on true line, bet. secs. 5 and 6. Over rolling land, thru. scattering timber and undergrowth. Ascend 12 ft., over S. slope. Spur, slopes W.
17.80	Descend 46 ft., over N. slope, to SE. or left rim of canyon, brs. NE. and SW. Leave rolling and enter mountainous land.
25.22	Descend 201 ft., over NW. slope. Bottom of canyon, 40 lks. wide, course SW.
37.40	Ascend 235 ft., over steep SE. slope, to NW. or right rim of canyon, brs. NE. and SW. Thence over nearly level bench.
40.00	Ascend slightly over SE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 6 S 5 1920
	from which, A pine, 10 ins. in diam., brs. S. 56° E., 19 lks. dist., marked $\frac{1}{4}$ S 5 BT.
	A pine, 6 ins. in diam., brs. S. 75° W., 105 lks. dist., marked $\frac{1}{4}$ S 6 BT.
51.80	Continue over nearly level bench. Ascend slightly over E. slope. Rim of bench, brs. NW. and SE. Leave nearly level bench and enter mountainous land.
54.10	Descend 47 ft., over NE. slope. Gulch, 50 lks. wide, course SE.
66.57	Ascend 295 ft., over S. slope, to Spur, slopes W. Intersect the North bdy. of the Tp. (7th. Std. Par. N.) at a point 14.30 chs. W. of the standard $\frac{1}{4}$ sec. cor. of sec. 32, T. 29 N., R. 8 W., established under current group No. 106, which is an iron post 1 in. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and wit- nessed by two properly marked bearing trees as fol- lows: A pine, N. 48 $\frac{3}{4}$ ° E., 72 lks., and A pine, N. 32° W., 128 lks. dist.
	At 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, marked on brass cap,

Subdivision lines of Township 28 North, Range 8 West.

59

Chains.

T29N R8 W
S32
S 6 S 5
T28N R8 W
C C
1920

from which,

A pine, 24 ins. in diam., brs. S. 7° E., 137 lks.
dist., marked T28N R8W S5 BT CC.

A pine, 24 ins. in diam., brs. S. 10° W., 123 lks.
dist., marked T28N R8W S6 CC BT.

Land, rolling, nearly level and mountainous.

Soil, rocky and gravelly, 4th rate.

Timber, scattering juniper and pine.

Undergrowth, scattering locust, prickly ash, sage brush,
chamisal and scrub oak.

No grass.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated by field test described in Book "C."

Boundaries of Township 28 North, Range 8 West.

Latitudes, departures and closing errors.

Line designated.	True Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	477.04				477.04
West boundary,	North,	466.40	466.40			
North bdy., (7th Std. Par. M.)	East,	476.97			476.97	
East boundary,	South,	466.10		466.10		
Convergency,					.50	
Totals,			466.40	466.10	477.47	477.04
			466.10		477.04	
Error in latitude,			0.30			
Error in departure,					0.43	

GENERAL DESCRIPTION.

This township lies entirely within the Hualpai Indian Reservation, between the head of the Aubrey Valley and Diamond Creek Canyon. The most of the surface of the township drains easterly and southeasterly into the Aubrey Valley, which heads in the northeastern part, and bears N. and S., near the east boundary of the township, draining south. The western part of the township drains westerly into Diamond Creek Canyon, which bears N. and S., course S., thru. the east half of the adjoining township on the west. The west half is mountainous, and roughly rolling, and with a rocky and gravelly soil, 3rd and 4th rate.

A narrow strip, bearing N. and S. along the West bdy. in the bottom of the valley is level, with a sandy and gravelly soil, 1st rate; with this exception the surface of the remainder of the east half is nearly level, gently rolling, rolling, roughly rolling and mountainous, and the soil ranges from a sandy and gravelly loam, 2nd rate to rocky, 4th rate.

The timber consists of juniper and pine, and with the exception of parts of the east range of secs., where there is either no timber, or a very scattering growth, there is a scattering or dense growth in all sections.

There is a dense undergrowth of prickly ash, sagebrush, quinine brush, scrub juniper and scrub oak, in all sections.

There is a good growth of grass in the bottom of the valley, and over most of the east half is a fair growth, but there is no grass in the west half.

There are no indications of valuable mineral deposits.

There are springs in secs. 3, 8, 10, 22 and 33.

There are tanks or reservoirs in secs. 1, 8, 10, 13, 15, 22, 24, and 27.

Wells are situated in secs. 2, 12, and 24.

Cabins and houses are located in secs. 1, 2, 12, 24, 26 and 27.

The well and buildings in sec. 2 is known as Pine Springs.

The well in sec. 24 is known as Frazier's Well, and the buildings, fences and other improvements in secs. 13, 24, 25 and 26 belong to what is known as the Sanford Ranch.

Buildings, fences, and other improvements in sec. 27 belong to what is known as the Caufman Ranch.

A fence extends northwesterly from the Caufman Ranch to Canyon in sec. 7, and a fence extends easterly from same canyon in sec. 8 to bottom of valley in sec. 12.

Several roads traverse the eastern part of the Tp.

FIELD ASSISTANTS.

to Kenneth W. Bond, U. S. Transitman

NAMES.	CAPACITY.
Roderick G. Mais,	1st chainman,
Donald Sutch,	2nd chainman,
Francis C. Mullins,	cornerman,
Robert M. Tatum,	axman,
Paul Rowley,	flagman,
Edwin Booth,	flagman.

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Kenneth W. Bond, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 107, Arizona, bearing date of the 25th day of February, 1920, 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 and West Bdy. of T. 28 N. R. 8 W.

of the Gila and salt

River Base & Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 107, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place, Denver, Colorado.

Date, April 18, 1921.

Kenneth W. Bond

U. S. Transitman.

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 191

The foregoing field notes of the survey of

executed by

under his special instructions dated , 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

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

U. S. Surveyor General.

BOOK 3536

4-680

FIELD ASSISTANTS.

to Quintin Campbell, U. S. Surveyor

NAMES.	CAPACITY.
Carl W. Blocker,	1st chainman,
Owen H. Hoffman,	2nd chainman,
Walter L. Moore,	cornerman,
Jim Mahone,	axman,
John W. Holland,	flagman.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK

I, Quintin Campbell, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 107, Arizona, bearing date of the 25th day of February, 1920, 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 28 North, Range 8 West,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 107, 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, Ariz.

Date - Mar 31-1922

Quintin Campbell
U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 13, 1923.

The foregoing field notes of the survey of the West boundary and Subdivision lines of

Township 28 North, Range 8 West,

of the Gila and Salt River Base and Meridian,

in the State of Arizona,

executed by Quintin Campbell, U. S. Surveyor, and Kenneth W. Bond, U. S. Transitman, under special instructions dated Feby. 25, 1920, for Group 107, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank D. Frost
U. S. Surveyor General

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

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