

3195

Book "A"

4-679

Jan 10 1917

Apr 10 1918

BOOK 3195

FIELD NOTES

RE-
OF THE SURVEY OF THE

NORTH AND EAST BOUNDARIES,

Retracement of a portion of the

5th STANDARD PARALLEL, NORTH THROUGH R. 7 W.

Survey of the SUBDIVISION LINES of

TOWNSHIP 21 NORTH, RANGE 7 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

J. P. Davis and Edward N. Thompson,

U. S. Transitmen,

~~In the capacity of U. S. Surveyors~~, under instructions dated December 11, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 52, which were approved by the Commissioner of the General Land
Office, January 26, 1916.

Resurvey, Retracement
and Survey commenced February 12, 1916.

Resurvey, Retracement
and Survey completed March 7, 1916.

Executed under Assignment
Instructions dated Dec. 11, 1915.

3195

3195

7

Resurvey of N. and E. Bdrs.,
Retracement of Portion of the S. Bdy., and
Subdivision of T. 21 N., -----R. 7 W.

3

Chains

Work executed jointly by U. S. Transitmen J. P. Davis, chief of party, and Edward N. Thompson, using instruments numbers 8571 and 8584, respectively. Both are Young and Sons' light mountain transits, with Smith solar attachments. The horizontal limbs are equipped with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instruments were approved, subject to satisfactory field tests, by the assistant supervisor of surveys for Arizona and California, on February 3rd, 1916.

The adjustments of the instruments were examined, the level and collimation errors corrected, and the solar apparatus tested by comparison with meridians determined by observations on Polaris, as follows:

Transit No. 8571 was tested by Mr. Davis at the NE. cor. of the Tp., in Lat. $35^{\circ}15'$ N., Long. $112^{\circ}57'$ W., and transit No. 8584 by Mr. Thompson, at camp, in the vicinity of said cor., with approximately same lat. and long. Feb. 11, 1916.

At 10h 02m, p.m., l.m.t., at our respective stations, we observe Polaris at western elongation, in accordance with instructions in the Manual, and mark points in the lines thus determined by tacks driven in wooden stakes firmly set in the ground 5 chs. N. of stations. Feb. 12, 1916.

At 8h 00m, a.m., we lay off the azimuth of Polaris $1^{\circ}23.2'$ E. from our respective lines, and mark the meridians thus determined by tacks driven in wooden stakes firmly set in the ground E. of the points set last night.

TEST OF SOLAR APPARATUS OF TRANSIT NO. 8571, by Mr. Davis. Feb. 12, 1916.

At my station, as above described, at 8h 00m, a.m., l.m.t., I set off $35^{\circ}15'$ on the lat. arc, $13^{\circ}57'$ S. on the decl. arc, and determine a meridian with the solar.

At 3h 00m, p.m., l.m.t., I set off $35^{\circ}15'$ on the lat. arc, $13^{\circ}52'$ S. on the decl. arc, and determine a meridian with the solar.

Refractions in declination were corrected for elevation of 5000 feet.

The results of the a.m. and p.m. observations with the solar agree within $01\frac{1}{2}'$ of arc with the true meridian as determined by the Polaris observation, from which I conclude that the adjustments are satisfactory.

TEST OF SOLAR APPARATUS OF TRANSIT NO. 8584, by Mr. Thompson.

At my station, as above described, on Feb. 13, 1916, at 8h 00m, a.m., l.m.t., I set off $35^{\circ}15'$ on the lat. arc, and $13^{\circ}37'$ S. on the decl. arc; and determine a meridian with the solar.

At 4h 00m, p.m., I set off $35^{\circ}15'$ on the lat. arc, and $13^{\circ}31'$ S. on the decl. arc, and determine a meridian with the solar.

Refractions in declination corrected for altitude of 5000 feet.

The results of the a.m. and p.m. observations with the solar agree within less than one half minute of arc with the true meridian as determined by the Polaris observation, from which I conclude that the adjustments are satisfactory.

DIRECT OBSERVATION ON SUN FOR LATITUDE.

J. P. Davis, -- Feb. 13, 1916.

At a point 15.00 chs. S. of my station, hereinabove described, at apparent noon I observe the sun on the meridian with the main transit telescope, as follows:

Observed altitude sun's upper limb, direct, -- $41^{\circ}26'15''$.

" " " lower " reversed, $40^{\circ}54'50''$.

Mean, observed altitude sun's center, $41^{\circ}10'33''$.

Resurvey of N. and E. Bdrs.,
Retracement of Portion of S. Bdy., and
Subdivision of T. 21 N., R. 7 W.

4

Chains

The true latitude is therefore
90°- decl. - (observed altitude- refraction corrected
for 5000 ft. altitude) + sun's parallax,
= 90°-13°35'46"- (41°10'33"-56")+06", = 35°14'43" N.

Retracement of Portion of 5th St. Par. N.,
on S. Bdy. of T. 21 N., R. 7 W.

From the old standard $\frac{1}{4}$ sec. cor. of sec. 36, which is
a volcanic stone, 7x5x4 ins. above ground, marked $\frac{1}{4}$
on N. face, witnessed as described by the surveyor general,
which now becomes angle point;

Thence, on a true line computed from fallings of random,
S.89°57'W., on S. bdy. of sec. 36,--W. half,
over rolling land, through dense timber.

- 27.05 Fall 1 link S. of the old closing cor. of secs. 1 and 2,
which is a volcanic stone, 8x5x4 ins. above ground,
marked and witnessed as described by the surveyor general.
- 42.05 The old standard cor. of secs. 35 and 36, henceforth an
angle point, which is a cedar tree, 9 ins. diam., marked
and witnessed as described by the surveyor general.

Land, rolling.
Soil, 3rd rate; volcanic.
Timber, cedar and pinyon.

- 41.00 N.89°43'W., on S. bdy. of sec. 35,
over rolling land, through dense timber.
The old standard $\frac{1}{4}$ sec. cor., which is a pinyon, 6 ins.
diam., marked $\frac{1}{4}$ on S. face, with no accessories.
Cor is on low spur extending S.40°E. Cor. becomes angle pt.

12.20 Thence S.84°45'W., on S. bdy. of W. half of sec. 35,
Draw, course S.

- 14.96 Fall 6 lks. S. of closing cor. of secs. 2 and 3, a sandstone,
7x7x6 ins. above ground, marked and witnessed as described
by the surveyor general.
- 38.85 Draw, course S.75°E.
- 40.44 The old standard cor. of secs. 34 and 35, henceforth an
angle point; which is a sandstone boulder in place,
4x3x2 ft. above ground, marked and witnessed as des-
cribed by the surveyor general.

Land, rolling.
Soil, clay; 3rd rate.
Timber, cedar and pinyon.
Undergrowth, oak brush, and buffalo grass.

- 13.30 S.85°42'W., on S. bdy. of sec. 34,
over rolling land, through dense timber and scattering
undergrowth, ascending gradually on NE. slope.
- 20.50 Ridge bears N. and S.30°E. Desc. on gradual W. slope.
Draw, course N.70°W. Thence on slight NW. slope.
- 41.08 The old standard $\frac{1}{4}$ sec. cor., henceforth angle point,
which is a sandstone, 24x8x4 ins. above ground, in a
mound of stone, marked $\frac{1}{4}$ SC on N. face.

Thence S.89°03'W., on S. bdy. of W. half of sec. 34.

Chains	
15.70	Draw, course S.80°W.
21.50	Draw, course N.75°W. Thence over flat bottom land.
25.64	Fall 48 lks. N. of the old closing cor. of secs. 3 and 4, which is a lava stone, 9x8x6 ins. above ground, marked and witnessed as described by the surveyor general.
28.00	Draw, course S.70°W. Desc. on slight SW. slope.
40.70	The old standard cor. of secs. 33 and 34, henceforth an angle point, which is a stone, marked, set and witnessed as described by the surveyor general.
	Land, rolling and flat. Soil, clay; 2nd rate. Timber, cedar and pinyon. Undergrowth, oak brush.

	S.88°37'W., on S. bdy. of sec. 33,
	over rolling land, through scattering timber, on N. slope.
20.00	Low spur extends N.70°W.
40.31	The old standard $\frac{1}{4}$ sec. cor., henceforth angle point, which is a lava stone, 14x7x7 ins. above ground, marked $\frac{1}{4}$ SC on N. face, with no accessories.

	Thence S.87°21'W., on S. bdy. of W. half of sec. 33.
8.50	Draw, course N.75°W.
24.18	Fall 70 lks. N. of the closing cor. of secs. 4 and 5, which is a lava stone, 8x7x7 ins. above ground, marked and witnessed as described by the surveyor general.
40.30	The old standard cor. of secs. 32 and 33, which is a lava stone, 10x9x7 ins. above ground, marked as described by the surveyor general, with no accessories.
	Cor. is henceforth angle point.
	Land, rolling. Soil, 2nd rate. Timber, cedar and pinyon. Some buffalo grass.

	Resurvey of E. Bdy., T. 21 N., R. 7 W., on W. Bdy. of T. 22 N., R. 6 W.

	From the old closing cor. of Tps. 21 and 22 N., R. 7 W., the NE. cor. of T. 21 N., R. 7 W., which is a 3 in. iron post, with brass cap, marked, set and witnessed as described by the surveyor general;
	Thence, on a true line, computed from fallings of random, S.0°04'E., on W. bdy. of sec. 32, over rolling land, through scattering undergrowth.
19.64	The old cor. of Tps. 21 and 22 N., R. 6 W., which is a lava stone, 8x5x4 ins. above ground, marked and witnessed as described by the surveyor general.
	Fence around O.O. cattle ranch bears E. and S.
	Land, rolling. Soil, 1st rate. No timber. Undergrowth, rabbit brush.

6 Resurvey of E. Bdy. of T. 21 N., R. 7 W. on W. Bdy. of T. 21 N., R. 6 W.

Chains

From the cor. of Tps. 21 and 22 N., Rs. 6 W., herein before described,

6.85 S.0°04'W., on W. bdy. of sec. 5,
 20.36 over rolling land, through scattering undergrowth, along fence.
 Draw, course N.60°E.
 (40.00 chs. S. of the NE. cor. of Tp. 21 N., R. 7 W.),
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, with brass cap,
 marked

$\frac{1}{4}$
 S1

1916

40.05 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 The old $\frac{1}{4}$ sec. cor. of sec. 5, which is a granite stone,
 8x5x3 ins. above ground, marked and witnessed as des-
 cribed by the surveyor general.

4.30 Thence S.0°16'W., on W. bdy. of S. half of sec. 5.
 20.31 Top of low, flat spur extends N.75°E.
 (80.00 chs. S. of the NE. cor. of T. 21 N., R. 7 W.),
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
 the ground, for cor. of secs. 1 and 12, with brass cap,
 marked

T21N
 R 7W
 S1

S12

1916

22.30 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 39.93 W. of cor.

Draw, course N.65°E.
 The old cor. of secs. 5 and 8, which is a limestone,
 5x5x4 ins. above ground, marked and witnessed as des-
 cribed by the surveyor general.

Land, rolling.
 Soil, 1st rate.
 No timber.
 Undergrowth, rabbit brush.

8.20 S.0°16'W., on W. bdy. of sec. 8,
 20.38 over rolling land, through scattering undergrowth.
 Wash, course E.
 (40.00 chs. S. of the cor. of secs. 1 and 12),
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., of sec. 12, with brass cap, marked

$\frac{1}{4}$
 S12

1916

40.10 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,
 and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 The old $\frac{1}{4}$ sec. cor. of sec. 8, which is a lava stone,
 6x5x4 ins; above ground, marked and witnessed as described
 by the surveyor general.

.30 Thence S.0°05'W., on W. bdy. of S. half of sec. 8.
 20.28 Enter scattering cedar timber.
 (80.00 chs. S. of the cor. of secs. 1 and 12),
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
 the ground, for cor. of secs. 12 and 13, with brass

Resurvey of E. Bdy. of T. 21 N., R. 7 W.,
on W. Bdy. of T. 21 N., R. 6 W.

Chains

cap, marked
T21N
R 7W
S12

S13

1916

40.04 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
The old cor. of secs. 8 and 17, which is a lava stone, 7x4x4 ins. above ground, marked and witnessed as described by the surveyor general.

Land, rolling.
Soil, 2nd rate.
Timber, scattering cedar.
Undergrowth, rabbit brush.

20.24 South, on W. bdy. of sec. 17, over rolling land, through scattering timber.
(40.00 chs. S. of the cor. of secs. 12 and 13), set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 13, with brass cap, marked

1/4
S13

1916

40.09 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
The old ¼ sec. cor. of sec. 17, which is a limestone, 10x7x5 ins. above ground, marked and witnessed as described by the surveyor general.

9.45 Thence S.0°05'W., on W. bdy. of S. half of sec. 17.
Wash, course N.80°E.

20.15 (80.00 chs. S. of the cor. of secs. 12 and 13), Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 13 and 24, with brass cap, marked

T21N
R7W
S13

S24

1916

40.12 dig pits, 24x24x12 ins., in each sec., 6 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
The old cor. of secs. 17 and 20, which is a limestone 7x6x5 ins. above ground, marked and witnessed as described by the surveyor general.

Land, rolling.
Soil, 3rd rate.
Timber, cedar.
Some buffalo grass.

20.03 South, on W. bdy. of sec. 20, over rolling land, through scattering timber.
(40.00 chs. S. of the cor. of secs. 13 and 24), Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 24, with brass cap, marked

Resurvey of E. Bdy. of T. 21 N., R. 7 W.,
on W. Bdy. of T. 21 N., R. 6 W.

8

Chains

		$\frac{1}{4}$ S24 1916
		from which A cedar, 10 ins. diam., bears S.24°W., 43 lks. dist., marked $\frac{1}{4}$ S24 BT, and A pinyon, 14 ins. diam., bears N.28°W., 78 lks. dist., marked $\frac{1}{4}$ S24 BT.
40.09		The old $\frac{1}{4}$ sec. cor. of sec. 20, which is a lime stone, 8x6x5 ins. above ground, marked and witnessed as described by the surveyor general.
55.00		Low flat spur extends N.80°E.
60.03		(80.00 chs. S. of the cor. of secs. 13 and 24), Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 24 and 25, with brass cap, marked
		T21N R7W S24 <hr/> S25 1916
68.20		and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
80.22		Road bears N.80°E. and S.75°W. Wash, course N.80°E. Asc. The old cor. of secs. 20 and 29, which is a limestone, 12x10x10 ins. above ground, marked and witnessed as described by the surveyor general.
		Land, rolling. Soil, 3rd rate. Timber, cedar.

.20		South, on W. bdy. of sec. 29, over rolling land, through scattering timber. SW. cor. of fence of O.O. cattle ranch, which runs along W. bdy. or T. 21 N., R. 6 W. from the NW. cor. to this point.
15.50		Spur slopes S.80°E. Desc. on gradual S. slope.
19.81		(40.00 chs. S. of the cor. of secs. 24 and 25), set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, with brass cap, marked
		$\frac{1}{4}$ S25 1916
29.80		and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
39.50		Enter scattering pinyon.
41.05		Gully, course N.70°E. Asc. gradually on N. slope. The old $\frac{1}{4}$ sec. cor. of sec. 29, which is a limestone 4x4x3 ins. above ground, marked and witnessed as described by the surveyor general.

12.00		Thence S.0°11'W., on W. bdy. of S. half of sec. 29. Spur, 210 ft. above gully, slopes N.65°E. Thence along NE. slope.
18.76		(80.00 chs. S. of the cor. of secs. 24 and 25), Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 25 and 36, with brass cap, marked
		T21N R7W S25 <hr/> S36 1916

Resurvey of E. Bdy. of T. 21 N., R. 7 W.,
on W. Bdy. of T. 21 N., R. 6 W.

Chains

from which
A pinyon, 8 ins. diam., bears N.40°W., 110 lks. dist.,
marked T21N R7W S25 BT, and
A pinyon, 16 ins. diam., bears S.81°W., 36 lks. dist.,
marked T21N R7W S36 BT.

Thence through dense timber.
38.75 Spur slopes E. and Desc. on S. slope.
39.50 The old cor. of secs. 29 and 32, which is a limestone,
30x22x20 ins. above ground, marked and witnessed as
described by the surveyor general.

Land, rolling in N. half and mountainous in S. part.
Soil, 3rd rate.
Timber, pinyon and cedar.

14.55 S.0°07'W., on W. bdy. of sec. 32,
over mountainous land, through dense timber. Desc. 200 ft.
Small draw, course S.75°E.
19.26 (40.00 chs. S. of the cor. of secs. 25 and 36)
Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for 1/4 sec. cor. of sec.
36, with brass cap, marked

S36
1916

from which
A pinyon, 7 ins. diam., bears N.24 1/2°W., 126 lks. dist.,
marked 1/4 S36 BT, and
A cedar, 9 ins. diam., bears S.51°W., 17 lks. dist.,
marked 1/4 S36 BT.
24.25 Main draw, course E. Asc. on N. slope.
39.93 The old 1/4 sec. cor. of sec. 32, which is a limestone,
8x6x6 ins. above ground, marked and witnessed as described
by the surveyor general.
Cor is 190 ft. above draw.

2.11 Thence South, on W. bdy. of S. half of sec. 32.
The old standard cor. of Tps. 21 N., Rs. 6 and 7 W.,
which is a stone, properly marked, set and witnessed as
described by the surveyor general.
The mean bearing of the E. bdy. of Tp. is S.0°05'W.
Land, mountainous.
Soil, 3rd rate.
Timber, pinyon and cedar.

Resurvey of N. Bdy., T. 21 N., R. 7 W.

From the closing cor. of Tps. 21 and 22 N., Rs. 7 W.,
(the NE. cor. of Tp. 21 N., R. 7 W.) hereinbefore des-
cribed,

Thence, as per instructions,
West, on N. bdy. of sec. 1,
over level land.
7.00 Road bears NW and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor. of sec. 1, with brass cap, marked

1/4 S1
1916

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,

10

Resurvey of N. Bdy., T. 21 N., R. 7 W.

Chains

- S. of cor.
 52.68 The old $\frac{1}{4}$ sec. cor., which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I destroy marks on cap relating to area S. of Tp. line.
 71.00 Draw, 100 lks. wide, course N.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1 and 2, with brass cap, marked

S2	S1
T21N	R7W

1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

Land, level.

Soil, 1st rate sandy loam.

No timber or undergrowth.

- West, on N. bdy. of sec. 2,
 over level land.
 12.61 The old cor. of secs. 1, 2, 35 and 36, which is a 3 in. iron post, marked, set, and witnessed as described by the surveyor general. I change cor. to cor. of secs. 35 and 36 only, by effacing marks relating to area S. of Tp. line, and moving mound of stone to N. side of post.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, with brass cap, marked

$\frac{1}{4}$ S2
1916

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Thence over rolling hills.

- 52.61 The old $\frac{1}{4}$ sec. cor., which is a 1 in. iron post, with brass cap, marked, set and witnessed as described by the surveyor general. I change cor. to relate solely to sec. 35 by effacing the marks referring to the area S. of Tp. line.
 55.00 Enter timber.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 2 and 3, with brass cap, marked

S3	S2
T21N	R7W

1916

from which

A cedar, 20 ins. diam., bears S.52°E., 143 lks. dist., marked T21N R7W S2 BT, and

A cedar, 16 ins. diam., bears S.29°W., 123 lks. dist., marked T21N R7W S3 BT.

Land, level in E. half and rolling in W.

Soil, 1st rate sandy loam in E. half and 2nd and 3rd rate, rocky, in W.

Timber, cedar on W. 25 chs.

No undergrowth.

- West, on N. bdy. of sec. 3,
 over rolling hills, through scattering timber.
 4.50 Spur slopes NE.
 12.62 The old cor. of secs. 2, 3, 34 and 35, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change this

Resurvey of N. Bdy., T. 21 N., R. 7 W.

Chains

40.00 cor. to cor. of secs. 34 and 35 only, by effacing marks relating to area S. of line, and obliterating marks on bearing trees S. of line.

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

1/4 S3
1916

from which

A cedar, 12 ins. diam., bears S.7°20'E., 392 lks. dist., marked 1/4 S3 BT, and

A cedar, 20 ins. diam., bears S.31°15'W., 110 lks. dist., marked 1/4 S3 BT. Thence over level land.

52.68 The old 1/4 sec. cor., which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to relate solely to sec. 34, by effacing marks on cap relating to sec. 3, and obliterating marks on bearing tree S. of Tp. line.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 3 and 4, with brass cap, marked

S4 S3
T21N R7 W

1916

from which

A cedar, 18 ins. diam., bears S.6°05'E., 365 lks. dist., marked T21N R7W S3 BT, and

A cedar, 14 ins. diam., bears S.61°25'W., 319 lks. dist., marked T21N R7W S4 BT.

Land, rolling in E. half and level in W.
Soil, gravelly loam; 2nd and 3rd rate.
Timber, cedar.

12.61 West, on N. bdy. of sec. 4, over level land, through scattering timber.

12.61 The old cor. of secs. 3, 4, 33 and 34, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general, I change cor. to cor. of secs. 33 and 34 only, by effacing marks on cap relating to area S. of Tp. line and obliterating marks on bearing trees S. of line.

23.00 Leave flat and enter rolling hills.

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

1/4 S4
1916

from which

A cedar, 36 ins. diam., bears S.45°E., 414 lks. dist., marked 1/4 S4 BT, and

A cedar, 30 ins. diam., bears S.3°50'W., 70 lks. dist., marked 1/4 S4 BT.

52.61 The old 1/4 sec. cor., which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to relate solely to sec. 33, by effacing marks on cap and on bearing tree S. of line which refer to T. 21 N.

A cedar, 24 ins. diam., bears N.20°30'E., 406 lks. dist., which I mark 1/4 S33 BT.

53.00 Asc. 185 ft., on spur sloping E.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 4 and 5, with brass cap, marked

S5 S4
T21N R 7W

1916

12

Resurvey of N. Bdy., T. 21 N., R. 7 W.

Chains

from which
 A cedar, 14 ins. diam., bears S.8°05'E., 54 lks. dist., marked T21N R7W S4 BT, and
 A cedar, 10 ins. diam., bears S.37°05'W., 233 lks. dist., marked T21N R7W S5 BT.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar.
 Undergrowth, scattering oak and algerita.

- 6.40 West, on N. bdy. of sec. 5, over rolling hills, ascending on E. slope of spur. Top of spur, 130 ft. above sec. cor., sloping NE. Desc. on NW. slope.
- 12.63 The old cor. of secs. 4, 5, 32 and 33, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to relate solely to secs. 32 and 33, by effacing marks on cap and on bearing trees S. of Tp. line, which refer to T. 21 N.
- 17.00 Low ridge bears NW. and SE. Thence along broken SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, with brass cap, marked

 $\frac{1}{4}$ S5
 1916

- 44.50 from which
 A cedar, 8 ins. diam., bears S.68°10'E., 42 lks. dist., marked $\frac{1}{4}$ S5 BT, and
 A cedar, 12 ins. diam., bears S.55°35'W., 324 lks. dist., marked $\frac{1}{4}$ S5 BT.
- 52.60 Ridge bears NW. and SE. Thence over rolling hills. The old $\frac{1}{4}$ sec. cor., which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to cor. relating solely to sec. 32, by effacing marks on cap and on bearing tree S. of Tp. line which refer to T. 21 N. A cedar, 18 ins. diam., bears N.53°35'E., 468 lks. dist. which I mark $\frac{1}{4}$ S32 BT.
- 71.00 Low spur slopes SE. Desc. 125 ft. on SW. slope.
- 77.40 Draw, course SE. Asc. on NE. slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground, surrounded by a mound of stone (impracticable to set post farther in the ground) for cor. of secs. 5 and 6, with brass cap, marked

 S6 | S5
 T21N | R 7W

1916

from which
 A cedar, 20 ins. diam., bears S.31°30'E., 84 lks. dist., marked T21N R7W S5 BT, and
 A cedar, 10 ins. diam., bears S.27°W., 31 lks. dist., marked T21N R7W S6 BT.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, pinyon and cedar.

- 12.60 West, on N. bdy. of sec. 6, over rolling hills, through scattering timber. The old cor. of secs. 5, 6, 31 and 32, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to relate solely to secs. 31 and 32, by effacing marks on

Resurvey of N. Bdy., T. 21 N., R. 7 W.

Chains

30.10 Ridge, 300 ft. above sec. cor., bears NW. and SE. Desc. on SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 6, with brass cap, marked

1/4 S6
1916

from which

A cedar, 18 ins. diam., bears S.40°30'E., 17 lks. dist., marked 1/4 S6 BT, and

A pinyon, 8 ins. diam., bears S.19°35'W., 30 lks. dist., marked 1/4 S6 BT.

47.36 Wash, 100 ft. below ridge, course SE. Asc. 70 ft., on NE. slope.

52.67 The old 1/4 sec. cor., which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general. I change cor. to refer solely to sec. 31 by effacing marks on brass cap and on bearing tree S. of the Tp. line which relate to T. 21 N.

A pinyon, 12 ins. diam., bears N.84°W., 6 lks. dist., which I mark 1/4 S31 BT.

60.50 Ridge, 80 ft. above 1/4 sec. cor. of sec. 31, bears NW. and SE. Thence along SW. slope.

87.88 The old closing cor. of Tps. 21 N., Rs. 7 and 8 W., (the NW. cor. of T. 21 N., R. 7 W.) which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general.

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, pinyon and cedar.

Subdivision of T. 21 N., R. 7 W.

From the cor. of secs. 1 and 2, on N. bdy. of Tp., hereinbefore described,

S.0°04'W., Parallel to mean bearing of E. bdy. of Tp., bet. secs. 1 and 2:

over rolling land, through scattering cedar timber.

2.00 Wash, course N.70°E.

17.80 Road bears N.50°E. and S.50°W.

35.00 Enter scattering pinyon timber, bearing E. and W.

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

1/4
S2 | S1
1916

from which

A pinyon, 14 ins. diam., bears S.47 1/4°E., 28 lks. dist., marked 1/4 S1 BT, and

A pinyon, 12 ins. diam., bears S.72°W., 34 lks. dist., marked 1/4 S2 BT.

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

58.50 Wash, course N.80°E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 1, 2, 11 and 12, with brass cap, marked

T21N | R7W
S2 | S1
S11 | S12
1916

Chains

from which,
 A cedar, 20 ins. diam., bears N.79°E., 209 lks. dist.,
 marked T21N R7W S1 BT,
 A cedar, 18 ins. diam., bears S.60½°E., 195 lks. dist.,
 marked T21N R7W S12 BT,
 A cedar, 14 ins. diam., bears S.41°W., 183 lks. dist.,
 marked T21N R7W S11 BT, and
 A cedar, 24 ins. diam., bears N.49°W., 116 lks. dist.,
 marked T21N R7W S2 BT.

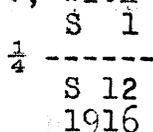
Land, rolling.
 Soil, 4th rate.
 Timber, pinyon pine and cdear.
 Undergrowth, buffalo grass.

40.00
80.00

East, on a random line, bet. secs. 1 and 12.
 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp. 8 lks. N. of the cor. of secs.
 1 and 12, hereinbefore described.

27.00
40.00

Thence N.89°57'W., on a true line, bet. secs. 1 and 12,
 over rolling land.
 Enter timber.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., with brass cap, marked



from which
 A cedar, 24 ins. diam., bears N.83°30'E., 334 lks. dist.,
 marked ¼ S1 BT, and
 A cedar, 12 ins. diam., bears S.37°15'E., 150 lks. dist.,
 marked ¼ S12 BT.

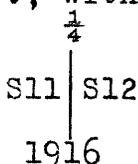
58.00
80.00

Leave timber.
 Enter timber.
 The cor. of secs. 1, 2, 11 and 12.

Land, rolling.
 Soil, E. half 1st and 2nd rate gravelly loam; and W.
 half rocky; 3rd and 4th rate.
 Timber, scattering cedar.

36.80
40.00

S.0°04'W., bet. secs. 11 and 12,
 over rolling land, through dense cedar and scattering
 pinyon timber.
 Draw, course E.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., with brass cap, marked



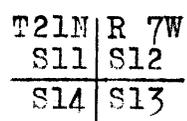
from which
 A pinyon, 8 ins. diam., bears N.43½°E., 24 lks. dist.,
 marked ¼ S12 BT, and
 A pinyon, 6 ins. diam., bears N.88½°W., 42 lks. dist.,
 marked ¼ S11 BT.

71.50
79.00
80.00

Spur slopes E.
 Draw, course E.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 11, 12, 13 and 14, with brass
 cap, marked

Subdivision of T. 21 N., R. 7 W.

Chains



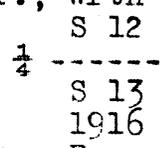
1916

from which
 A pinyon, 7 ins. diam., bears N.34°E., 50 lks. dist., marked T21N R7W S12 BT,
 A pinyon, 5 ins. diam., bears S.64½°E., 75 lks. dist., marked T21N R7W S13 BT,
 A cedar, 24 ins. diam., bears S.29°W., 114 lks. dist., marked T21N R7W S14 BT, and
 A pinyon, 15 ins. diam., bears N.69°W., 45 lks. dist., marked T21N R7W S11 BT.

Land, rolling.
 Soil, 2nd to 4th rate.
 Timber, cedar and pinyon.
 Undergrowth, buffalo grass.

40.00 East, on a random line, bet. secs. 12 and 13.
 79.94 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp. 8 lks. S. of the cor. of secs. 12 and 13, hereinbefore described.

10.00 Thence S.89°57'W., on a true line, bet. secs. 12 and 13,
 19.20 over rolling land, through scattering cedar timber.
 39.97 Low flat spur extends N.80°E. 73 ft. above sec. cor.
 Desc. on NW. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

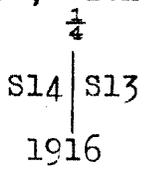


dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

50.00 Draw, course NE.
 79.94 The cor. of secs. 11, 12, 13 and 14.

Land, rolling.
 Soil, 3rd rate.
 Timber, pinyon and cedar.
 Undergrowth, buffalo grass.

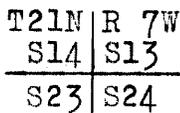
20.00 S.0°04'W., bet. secs. 13 and 14,
 34.90 over rolling land, through scattering cedar and pinyon timber.
 40.00 Draw, course N.65°E. Asc. gradually on N. slope.
 Spur slopes N.75°E. desc. on gentle S. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



from which
 A pinyon, 8 ins. diam., bears S.82½°E., 81 lks. dist., marked ¼ S13 BT, and
 A pinyon, 10 ins. diam., bears S.65°W., 62 lks. dist., marked ¼ S14 BT.
 43.90 Draw, course S.75°E.
 51.70 Wash, course N.75°E. Asc. on gentle N. slope.
 70.00 Spur slopes E.
 74.90 Draw, course E. Asc. on N. slope.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 13, 14, 23 and 24, with brass cap, marked



1916

from which

- A cedar, 18 ins. diam., bears N.60 $\frac{1}{2}$ °E., 46 lks. dist., marked T21N R7W S13 BT,
- A pinyon, 10 ins. diam., bears S.28 $\frac{1}{2}$ °E., 72 lks. dist., marked T21N R7W S24 BT,
- A pinyon, 6 ins. diam., bears S.26 $\frac{1}{2}$ °W., 74 lks. dist., marked T21N R7W S23 BT, and
- A pinyon, 9 ins. diam., bears N.56°W., 57 lks. dist., marked T21N R7W S14 BT.

Land, rolling.

- Soil, 3rd rate.
- Timber, cedar and pinyon.
- Undergrowth, buffalo grass.

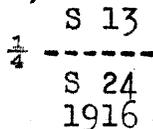
40.00 East, on a random line, bet. secs. 13 and 24.
 79.92 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp. 4 lks. S. of the cor. of secs. 13, and 24, hereinbefore described.

30.00 Thence S.89°58'W., on a true line, bet. secs. 13 and 24, over rolling land, through scattering timber.

36.45 Draw, course NE.

39.96 Enter dense timber.

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



1916

from which

- A pinyon, 6 ins. diam., bears N.32 $\frac{1}{2}$ °E., 30 lks. dist., marked $\frac{1}{4}$ S13 BT, and
- A pinyon, 8 ins. diam., bears S.44 $\frac{1}{2}$ °W., 31 lks. dist., marked $\frac{1}{4}$ S24 BT.

48.00 Draw, course NE.

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

Land, rolling.

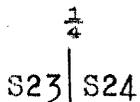
- Soil, 3rd rate.
- Timber, cedar and pinyon.
- Undergrowth, buffalo grass.

14.90 S.0°04'W., bet. secs. 23 and 24, over rolling land, through dense timber. Asc. 95 ft., on NE. slope.

30.70 Spur slopes E. Desc. on gentle S. slope.

40.00 Wash, course N.85°E. Asc. gradually on N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

Chains

from which

A cedar, 8 ins. diam., bears N.37°E., 36 lks. dist., marked $\frac{1}{4}$ S24 BT, and

A cedar, 6 ins. diam., bears S.53 $\frac{1}{2}$ °W., 53 lks. dist., marked $\frac{1}{4}$ S23 BT.

51.60 Spur slopes N.75°E. Desc. on S. slope, 240 ft.

63.00 Draw, course S.80°E. Asc. 200 ft. on N. slope.

74.00 Thence along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap, marked

T21N	R 7W
S23	S24
S26	S25

1916

from which

A cedar, 7 ins. diam., bears N.23°45'W., 35 lks. dist., marked T21N R7W S23 BT, and

A cedar, 7 ins. diam., bears S.66°45'W., 80 lks. dist., marked T21N R7W S26 BT.

No other trees within limits. Impracticable to set post farther in the ground, so build a mound of stone around same; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling hills.

Soil, 3rd and 4th rate.

Timber, cedar and pinyon.

Undergrowth, buffalo grass.

40.00 East, on a random line, bet. secs. 24 and 25,

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

79.82 Intersect E. bdy. of Tp. 11 lks. S. of the cor. of secs. 24 and 25, hereinbefore described.

Thence S.89°55'W., on a true line, bet. secs. 24 and 25, over rolling land, through dense timber.

29.90 Spur slopes N.75°E. Desc. gradually on NW. slope.

37.10 Wash, course N.35°E. Thence over mountainous land.

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

S 24

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

S 25

1916

from which

A pinyon, 14 ins. diam., bears N.22°E., 21 lks. dist., marked $\frac{1}{4}$ S24 BT, and

A pinyon, 6 ins. diam., bears S.31°45'E., 59 lks. dist., marked $\frac{1}{4}$ S25 BT.

Asc. 280 ft., on SE. slope.

63.20 Spur, broad and flat on top, slopes N.60°E. Desc. 100 ft., on NW. slope.

76.30 Ravine, course N.40°E. Asc. 100 ft., on E. slope.

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

Land, rolling in E. half and mountainous in W.

Soil, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, buffalo grass.

S.0°04'W., bet. secs. 25 and 26, over rolling land, through scattering timber.

10.00 Spur slopes N.50°E.

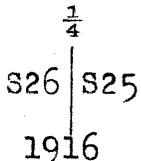
26.40 Main ridge bears NW. and S.60°E. Desc. on SW. slope,

18

Subdivision of T. 21 N., R. 7 W.

Chains

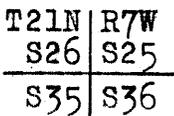
40.00 through scattering cactus undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



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

56.00 Draw, course E. Road, in draw, bears E. and W.
 70.50 Spur slopes NE. Desc. on S. slope, over cliffs.
 74.75 Draw, course N.55°E. Asc. on N. slope, over cliffs.
 78.70 Top of cliffs.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked



1916

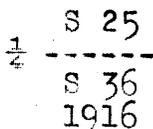
from which
 A cedar, 16 ins. diam., bears N.44 $\frac{1}{2}$ °E., 15 lks. dist., marked T21N R7W S25 BT,
 A pinyon, 10 ins. diam., bears S.65°E., 136 lks. dist., marked T21N R7W S36 BT,
 A pinyon, 9 ins. diam., bears S.61 $\frac{1}{2}$ °W., 38 lks. dist., marked T21N R7W S35 BT, and
 A pinyon, 8 ins. diam., bears N.81°W., 116 lks. dist., marked T21N R7W S26 BT.

Land, rolling.
 Soil, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, cactus and buffalo grass.

40.00 East, on a random line, bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs. 25 and 36, hereinbefore described.

Thence S.89°56'W., on a true line, bet. secs. 25 and 36, over rolling land, through dense timber and scattering undergrowth. Asc. on NE. slope.

1.30 Spur slopes N.30°E. Desc. 115 ft., on W. slope.
 11.10 Wash, course N.15°E. Asc. 270 ft., on NE. slope.
 35.10 Ridge bears N.10°W. and S.10°E. Desc. on W. slope.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
 A cedar, 8 ins. diam., bears N.20 $\frac{1}{2}$ °E., 43 lks. dist., marked $\frac{1}{4}$ S25 BT, and
 A pinyon, 8 ins. diam., bears S.16 $\frac{1}{2}$ °E., 56 lks. dist., marked $\frac{1}{4}$ S36 BT.

55.75 Wash, 310 ft. below ridge, course N.10°E.
 59.75 Draw, course N.60°E. Asc. 170 ft.
 71.40 Spur slopes NE.
 79.80 The cor. of secs. 25, 26, 35 and 36.

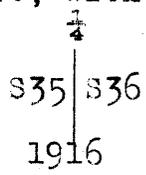
Subdivision of T. 21 N., R. 7 W.

Chains

Land, rolling high hills.
Soil, 4th rate.
Timber, cedar and pinyon.
Undergrowth, algerita, quinine brush and buffalo grass.

S.0°04'W., on a true line, bet. secs. 35 and 36,
over rolling land, through dense timber and scant under-
growth.

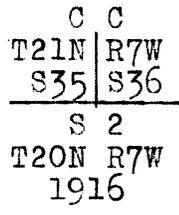
- 11.00 Head of wash, course N.80°E.
- 32.80 Spur slopes E.
- 36.80 Head of draw, course E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



from which
A cedar, 5 ins. diam., bears N.69½°E., 53 lks. dist.,
marked ¼ S36 BT, and
A pinyon, 12 ins. diam., bears S.58½°W., 38 lks. dist.,
marked ¼ S35 BT.

- 46.50 Draw, course E. Asc. on N. slope, 110 ft.
- 50.50 Spur slopes E. Desc. on S. slope.
- 56.90 Draw, course E. Asc. on N. slope.
- 62.42 Intersect 5th St. Par. N. 227 lks. N.89°57'E. of old standard cor. of secs. 35 and 36, now angle point, hereinbefore described.

At point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for closing cor. of secs. 35 and 36, with brass cap, marked



from which
A pinyon, 14 ins. diam., bears N.40°E., 100 lks. dist.,
marked T21N R7W S36 BT, and
A pinyon, 8 ins. diam., bears N.18½°W., 24 lks, dist.,
marked T21N R7W S35 BT.

Land, rolling.
Soil, 4th rate.
Timber, cedar and pinyon.
Undergrowth, algerita and buffalo grass.

From the cor. of secs. 2 and 3, on N. bdy. of Tp., hereinbefore described,

S.0°04'W., bet. secs. 2 and 3,
over rolling hills, through cedar timber.

- 5.00 Draw, course NE. Asc. 100 ft., on NW. slope.
- 34.50 Ridge bears NW. and SE. Corral, in wash, bears W., 15 chs. dist. Desc. on SW. slope.
- 38.00 Leave timber.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

Chains



1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

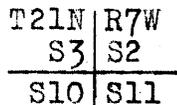
44.00 Wash, course SE. Wagon trail in bottom bears NW. and SE.

48.00 Enter timber.

67.00 Spur, 190 ft. above wash, bears NE.

80.00 On spur sloping NE.,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap, marked



1916

from which

A cedar, 14 ins. diam., bears N.6°05'E., 80 lks. dist., marked T21N R7W S2 BT,

A cedar, 24 ins. diam., bears S.60°40'E., 29 lks. dist., marked T21N R7W S11 BT,

A cedar, 18 ins. diam., bears S.41°50'W., 275 lks. dist., marked T21N R7W S10 BT, and

A cedar, 20 ins. diam., bears N.29°35'W., 53 lks. dist., marked T21N R7W S3 BT.

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 2 and 11.

80.10 Set temp. ¼ sec. cor.

Intersect N. and S. line at the cor. of secs. 1, 2, 11 and 12,

Thence West, on a true line, bet. secs. 2 and 11, over rolling land, through cedar timber.

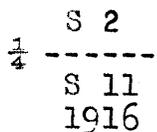
1.65 Wash, 5 lks. wide, course NE. Asc. on SE. slope, 90 ft.

20.00 Spur slopes NE. Desc. on gentle NW. slope.

21.52 Wagon trail bears N. and S.

30.47 Wash, 6 lks. wide, course NW.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, for ¼ sec. cor., with brass cap, marked



from which

A cedar, 12 ins. diam., bears N.70°50'W., 42 lks. dist., marked ¼ S2 BT, and

A cedar, 24 ins. diam., bears S.30°05'E., 51 lks. dist., marked ¼ S11 BT. Impracticable to set post farther in ground.

45.10 Wash, 10 lks. wide, course NE. Thence across level valley.

62.50 Leave valley and asc. 150 ft., on SW. slope.

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

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, cedar and pinyon.

S.0°04'W., bet. secs. 10 and 11, over rolling hills, through cedar and pinyon timber.

5.10 Desc. 110 ft., on SW. slope.

14.00 Enter level valley, extending NE.

20.00 Leave valley and asc. 400 ft., on NE. slope.

Subdivision of T. 21 N., R. 7 W.

Chains

39.60 Ridge bears NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S10 | S11
 1916

from which
 A cedar, 20 ins. diam., bears N.21°15'E., 83 lks. dist., marked $\frac{1}{4}$ S11 BT.
 No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 140 ft., on SW. slope.

55.63 Wash, 10 lks. wide, course W. Asc. 80 ft., on N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

T21N | R7W
 S10 | S11
 S15 | S14
 1916

from which
 A cedar, 8 ins. diam., bears N.54°20'E., 47 lks. dist., marked T21N R7W S11 BT,
 A pinyon, 12 ins. diam., bears S.89°30'E., 36 lks. dist., marked T21N R7W S14 BT,
 A pinyon, 12 ins. diam., bears S.70°30'W., 30 lks. dist., marked T21N R7W S15 BT, and
 A pinyon, 10 ins. diam., bears N.16°10'W., 44 lks. dist., marked T21N R7W S10 BT.
 Impracticable to set post farther in the ground.
 Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 11 and 14.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line 3 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence S.89°59'W., on a true line, bet. secs. 11 and 14, over rolling land, through dense timber, ascending on gentle E. slope.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 11
 $\frac{1}{4}$ -----
 S 14
 1916

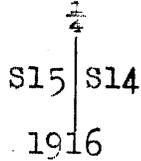
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. No trees within limits.

50.00 Head of draw, course S.75°E. Asc. 250 ft., on steep E. slope.
 60.00 Spur slopes N.65°E. Desc. along N. slope.
 79.92 The cor. of secs. 10, 11, 14 and 15.

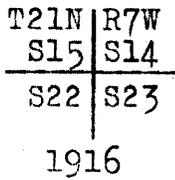
Land, rolling.
 Soil, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, buffalo grass.

Chains

S.0°04'W., bet. secs. 14 and 15,
 over rolling hills, through cedar and pinyon timber.
 Asc. 75 ft., on N. slope.
 9.50 Spur slopes SW. Desc. along SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



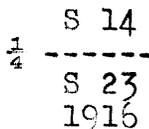
from which
 A pinyon, 20 ins. diam., bears S.5°10'E., 102 lks. dist.,
 marked $\frac{1}{4}$ S14 BT, and
 A pinyon, 10 ins. diam., bears N.45°25'W., 75 lks. dist.,
 marked $\frac{1}{4}$ S15 BT.
 41.70 Wash, 265 ft. below spur, 10 lks. wide, course SW.
 56.00 Wash, 20 lks. wide, course SE.
 57.50 Wash, 15 lks. wide, course NE. Asc. 210 ft., on NW. slope.
 72.65 Spur slopes NE. Thence along SE. slope.
 76.00 Thence along NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 14, 15, 22 and 23, with brass cap, marked



from which
 A pinyon, 8 ins. diam., bears N.61°E., 84 lks. dist.,
 marked T21N R7W S14 BT,
 A pinyon, 18 ins. diam., bears S.32°30'E., 145 lks. dist.,
 marked T21N R7W S23 BT,
 A cedar, 8 ins. diam., bears S.9°W., 102 lks. dist.,
 marked T21N R7W S22 BT, and
 A pinyon, 12 ins. diam., bears N.16°W., 59 lks. dist.,
 marked T21N R7W S15 BT.
 Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

40.00 N.89°59'E., on a random line, bet. secs. 14 and 23.
 79.98 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 13, 14, 23 and 24,

11.50 Thence S.89°58'W., on a true line, bet. secs. 14 and 23,
 over rolling hills, through cedar and pinyon timber.
 31.85 Wash, 10 lks. wide, course NE. Thence along NE. slope.
 39.99 Draw, course NE. Asc. on E. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



from which
 A pinyon, 8 ins. diam., bears S.66°30'E., 37 lks. dist.,
 marked $\frac{1}{4}$ S23 BT, and
 A cedar, 6 ins. diam., bears N.32°40'E., 32 lks. dist.,
 marked $\frac{1}{4}$ S14 BT.

Chains

43.90 Spur, 250 ft. above draw, slopes N. Desc. 290 ft., on W. slope.

56.83 Wash, 10 lks. wide, course N. Asc. on NE. slope, 265 ft.

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

Land, rolling.
Soil, rocky; 3rd and 4th rate.
Timber, pinyon and cedar.

S.0°04'W., bet. secs. 22 and 23,
over rolling hills, through dense timber and scattering
undergrowth. Asc. 40 ft., on N. slope.

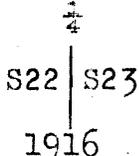
10.00 Spur slopes NE. Desc. 100 ft.

17.25 Draw, course N.75°E. Asc. 125 ft., on N. slope.

25.85 Ridge bears N.70°W. and S.70°E. Desc. 130 ft., on SW. slope.

37.15 Draw, course S.65°E. Thence over rolling land.

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



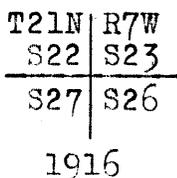
from which
A pinyon, 9 ins. diam., bears N.50°E., 64 lks. dist.,
marked ¼ S23 BT, and
A pinyon, 14 ins. diam., bears N.36½°W., 35 lks. dist.,
marked ¼ S22 BT.

61.45 Draw, course E.

72.45 Draw, course S.70°E.

78.95 Spur slopes S.65°E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
ground, on solid rock, surrounded by a mound of stone,
for cor. of secs. 22, 23, 26 and 27, with brass cap,
marked



from which
A cedar, 10 ins. diam., bears N.52°E., 8⁰ lks. dist.,
marked T21N R7W S23 BT,
A cedar, 16 ins. diam., bears S.25°E., 107 lks. dist.,
marked T21N R7W S26 BT,
A pinyon, 10 ins. diam., bears S.35°W., 43 lks. dist.,
marked T21N R7W S27 BT, and
A pinyon, 7 ins. diam., bears N.42½°W., 60 lks. dist.,
marked T21N R7W S22 BT.

Land, rolling.
Soil, 3rd rate.
Timber, pinyon and cedar.
Undergrowth, quinine brush, algerita and buffalo grass.

East, on a random line, bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

79.84 Intersect N. and S. line 12 lks. N. of the cor. of secs.
23, 24, 25 and 26.

Thence N.89°55'W., on a true line, bet. secs. 23 and 26,
over rolling land, through dense timber and scattering
undergrowth. Asc. 77 ft., on NE. slope.

14.00 Ridge bears N.60°W. and S.60°E. Desc. 160 ft., on SW. slope.

31.80 Ft. of slope.

39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Chains

ground, for $\frac{1}{4}$ sec; cor., with brass cap, marked
S 23

$\frac{1}{4}$ -----
S 26
1916

from which

A pinyon, 14 ins. diam., bears N.46 $\frac{1}{2}$ °E., 71 lks. dist.,
marked $\frac{1}{4}$ S23 BT, and

A cedar, 16 ins. diam., bears S.23 $\frac{1}{2}$ °E., 83 lks. dist.,
marked $\frac{1}{4}$ S26 BT.

44.00 Draw, course S.25°E.

64.85 Draw, course SE.

69.85 Draw, course S.55°E.

77.85 Spur slopes S.65°E.

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

Land, rolling.

Soil, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, quinine brush and buffalo grass.

S.0°04'W., bet. secs. 26 and 27,
over rolling land, through timber and undergrowth. Desc.
gradually on S. slope.

7.00 Road bears N.80°W. and S.80°E., in wash, course S.80°E.

13.00 Draw, course N.25°E. Asc. on NW. slope.

37.25 Spur slopes NE. Desc. on SE. slope.

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

$\frac{1}{4}$
S27 | S26
1916

from which

A cedar, 10 ins. diam., bears N.61 $\frac{1}{2}$ °E., 83 lks. dist.,
marked $\frac{1}{4}$ S26 BT, and

A pinyon, 7 ins. diam., bears S.49°W., 70 lks. dist.,
marked $\frac{1}{4}$ S27 BT.

51.90 Draw, course NE.

57.00 Spur slopes NE. Desc. on S. slope.

63.72 Draw, course N.35°E. Red Hill reservoir, about $\frac{1}{4}$ acre in
area, bears W., 3 chs. dist.

74.10 Small spur slopes N.60°W.

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

T21N | R7W
S27 | S26
S34 | S35

1916

from which

A cedar, 8 ins. diam., bears N.78°E., 243 lks. dist.,
marked T21N R7W S26 BT,

A cedar, 30 ins. diam., bears S.18 $\frac{1}{2}$ °E., 146 lks. dist.,
marked T21N R7W S35 BT,

A pinyon, 9 ins. diam., bears S.75 $\frac{1}{2}$ °W., 294 lks. dist.,
marked T21N R7W S34 BT, and

A pinyon, 10 ins. diam., bears N.5°W., 263 lks. dist.,
marked T21N R7W S27 BT.

Land, rolling.

Soil, stony; 4th rate.

Timber, cedar and pinyon.

Undergrowth, algerita and buffalo grass.

Subdivision of T. 21 N., R. 7 W.

Chains

40.00
80.16

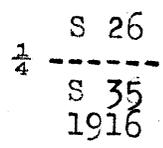
11.80
11.95
40.08

52.70
62.20
71.15
80.16

S.89°55'E., on a random line, bet. secs. 26 and 35.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 9 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence N.89°59'W., on a true line, bet. secs. 26 and 35, over rolling land, through dense timber and scattering undergrowth. Desc. gradually along N. slope.

Cliff, 15 ft. high. Desc. 20 ft.
Wash, course N.75°E. Asc. 200 ft., on SE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which

A cedar, 36 ins. diam., bears N.44 $\frac{1}{2}$ °E., 48 lks. dist., marked $\frac{1}{4}$ S26 BT, and

A cedar, 16 ins. diam., bears S.37 $\frac{1}{2}$ °E., 49 lks. dist., marked $\frac{1}{4}$ S35 BT.

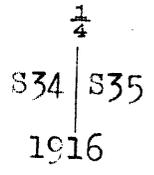
Spur slopes N.15°W. Desc. gradually, 70 ft.
Wash, course N. Asc. gradually along broken N. slope, 60 ft.
Spur slopes N.25°W. Desc. 100 ft., on SW. slope.
The cor. of secs. 26, 27, 34 and 35.

Land, rolling.
Soil, stony; 4th rate.
Timber, pinyon and cedar.
Undergrowth, algerita and buffalo grass.

1.00
9.00
40.00

S.0°04'W., bet. secs. 34 and 35, over rolling land, through dense timber and scattering undergrowth.

Draw, course N.50°W.
Draw, course N.10°E. Asc. on broken N. slope.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which

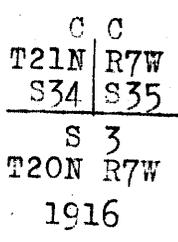
A cedar, 20 ins. diam., bears N.8°E., 187 lks. dist., marked $\frac{1}{4}$ S35 BT, and

A cedar, 8 ins. diam., bears N.11°45'W., 72 lks. dist., marked $\frac{1}{4}$ S34 BT.

55.93
65.67

Ridge, 600 ft. above draw, bears N.75°W. and S.75°E. Desc. 320 ft.
Intersect 5th St. Par. N. 337 lks. N.84°45'E. of angle pt. formerly the standard cor. of secs. 34 and 35, hereinbefore described.

At point on intersection
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 34 and 35, with brass cap, marked



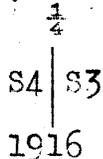
Chains

No trees within limits.
 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Land, rolling.
 Soil, clay; 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, quinine and algerita brush and buffalo grass.

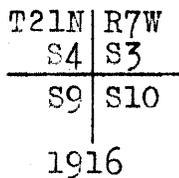
 From the cor. of secs. 3 and 4, on N. bdy. of Tp., here-
 inbefore described,

S.0°03'W., bet. secs. 3 and 4,
 over rolling land, through scattering cedar, and pinyon.
 10.00 Wash, course NE. Enter dense scrub oak, bearing E. and W.
 Asc. 170 ft., on N. slope.
 33.70 Spur slopes N.60°E. Desc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., with brass cap, marked



from which

A cedar, 10 ins. diam., bears N.14¼°E, 138 lks. dist.,
 marked ¼ S3 BT, and
 A pinyon, 12 ins. diam., bears N.74¼°W., 110 lks. dist.,
 marked ¼ S4 BT.
 41.00 Draw, 75 ft. below spur, course N.75°E. Asc. 55 ft.
 45.90 Spur slopes N.80°E.
 57.20 Wash, 100 ft. below spur, course N.85°E. Asc. 175 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 3, 4, 9 and 10, with brass cap,
 marked



from which

A cedar, 8 ins. diam., bears N.33°45'E., 74 lks. dist.,
 marked T21N R7W S3 BT,
 A cedar, 9 ins. diam., bears S.81½°E., 64 lks. dist.,
 marked T21N R7W S10 BT,
 A cedar, 10 ins. diam., bears S.48°W., 65 lks. dist.,
 marked T21N R7W S9 BT, and
 A cedar, 9 ins. diam., bears N.45°W., 58 lks. dist.,
 marked T21N R7W S4 BT.

Land, rolling.
 Soil, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scrub oak and buffalo grass.

 East, on a random line, bet. secs. 3 and 10.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line at the cor. of secs. 2, 3, 10 and
 11.

Thence West, on a true line, bet. secs. 3 and 10,

Subdivision of T. 21 N., R. 7 W.

Chains

over nearly level land, through dense timber and scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

 S 10
 1916

from which
 A pinyon, 10 ins. diam., bears S.61 $\frac{1}{2}$ °E., 11 lks. dist., marked $\frac{1}{4}$ S10 BT, and
 A cedar, 18 ins. diam., bears N.2 $\frac{1}{2}$ °E., 63 lks. dist., marked $\frac{1}{4}$ S3 BT.

49.90 Top of rim rock, 40 ft. high. Desc. 155 ft., on W. slope, over broken cliffs.

55.40 Wash, course N.10°E. Asc. 165 ft., on E. slope.

65.00 Summit of ascent.

70.00 Spur slopes N.75°E. Thence along N. slope.

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

Land, nearly level in E. half and rolling in W.
 Soil, rocky; 4th rate.
 Timber, cedar and pinyon.
 Undergrowth, mescal and buffalo grass.

S.0°03'W., bet. secs. 9 and 10, over rolling land, through dense timber and scattering undergrowth. Asc. 90 ft., on N. slope.

8.90 Spur slopes N.75°E.

23.30 Asc. 100 ft. along E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

 1916

from which
 A cedar, 14 ins. diam., bears S.34°E., 27 lks. dist., marked $\frac{1}{4}$ S10 BT, and
 A pinyon, 12 ins. diam., bears S.45°W., 35 lks. dist., marked $\frac{1}{4}$ S9 BT.

Desc. 160 ft., on S. slope.

49.00 Draw, course E. Asc. 125 ft., on NE. slope.

56.00 Spur slopes E. Desc. 115 ft., on S. slope.

73.00 Spur slopes N.30°W. Thence along W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 9, 10, 15 and 16, with brass cap, marked

T21N | R7W
 S9 | S10

 S16 | S15

 1916

from which
 A cedar, 12 ins. diam., bears N.89°45'E., 83 lks. dist., marked T21N R7W S10 BT,
 A pinyon, 9 ins. diam., bears S.27 $\frac{1}{2}$ °E., 74 lks. dist., marked T21N R7W S15 BT,
 A pinyon, 8 ins. diam., bears S.17°45'W., 160 lks. dist., marked T21N R7W S16 BT, and
 A cedar, 16 ins. diam., bears N.88 $\frac{1}{4}$ °W., 255 lks. dist., marked T21N R7W S9 BT.

Chains

Land, rolling in N. and mountainous in S. half.
Soil, 4th rate.
Timber, cedar and pinyon.
Undergrowth, quinine brush, mescal and buffalo grass.

40.00 East, on a random line, bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
80.10 Intersect N. and S. line 4 lks. N. of the cor. of secs.
10, 11, 14 and 15.

Thence N.89°58'W., on a true line, bet. secs. 10 and 15,
over rolling land, through dense timber and scattering
undergrowth.
1.00 Wash, course N. Asc. 100 ft., on E. slope.
15.40 Spur slopes N.10°W. Desc. 60 ft., on W. slope.
26.50 Head of draw, course N.15°W. Asc. 45 ft., on gentle E. slope.
3°10' Spur slopes N.20°W. Desc. on W. slope.
40.05 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for $\frac{1}{4}$ sec. cor.,
with brass cap, marked

S 10
 $\frac{1}{4}$ -----
S 15
1916

from which
A cedar, 20 ins. diam., bears N.47°W., 10 lks. dist.,
marked $\frac{1}{4}$ S10 BT, and
A cedar, 20 ins. diam., bears S.2 $\frac{1}{2}$ °W., 37 lks. dist.,
marked $\frac{1}{4}$ S15 BT.
59.60 Draw, 210 ft. below spur, course N.5°W. Asc. 95 ft., on
E. slope.
68.75 Summit of ascent. Thence along broken N. slope.
75.75 Spur slopes N.30°W. Desc. 50 ft., on W. slope.
80.10 The cor. of secs. 9, 10, 15 and 16.

Land, rolling.
Soil, 4th rate.
Timber, cedar and pinyon.
Undergrowth, mescal, cactus, quinine brush and buffalo
grass.

S.0°03'W., bet. secs. 15 and 16,
over rolling land, through dense timber and scattering
undergrowth.
26.90 Draw, course N.35°W.
38.83 Wash, course N.30°E.
40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, (impracticable to set post in the ground) for $\frac{1}{4}$
sec. cor., with brass cap, marked

$\frac{1}{4}$
S16 | S15
1916

from which
A pinyon, 8 ins. diam., bears S.44°E., 45 lks. dist.,
marked $\frac{1}{4}$ S15 BT, and
A pinyon, 8 ins. diam., bears N.69°W., 187 lks. dist.,
marked $\frac{1}{4}$ S16 BT.
52.90 Wash, course N.15°W.
59.40 Draw, course N.5°E. Asc. on N. slope.
80.00 On ridge bearing E. and W.,
Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for cor. of secs.
15, 16, 21 and 22, with brass cap, marked

Subdivision of T. 21 N., R. 7 W.

Chains

T21N	R7W
S16	S15
S21	S22

1916

from which
 A pinyon, 6 ins. diam., bears N.31°45'E., 126 lks. dist., marked T21N R7W S15 BT,
 A pinyon, 6 ins. diam., bears S.63½°E., 72 lks. dist., marked T21N R7W S22 BT,
 A cedar, 7 ins. diam., bears S.27¼°W., 17 lks. dist., marked T21N R7W S21 BT, and
 A cedar, 8 ins. diam., bears N.49½°W., 167 lks. dist., marked T21N R7W S16 BT.

Land, rolling.
 Soil, 3rd rate.
 Timber, pinyon and cedar.
 Undergrowth, mescal, algerita and buffalo grass.

40.00 East, on a random line, bet. secs. 15 and 22.
 80.14 Set temp. ¼ sec. cor.
 Intersect N. and S. line 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.

12.65 Thence S.89°58'W., on a true line, bet. secs. 15 and 22, over rolling land, through dense timber and scattering undergrowth. Asc. 70 ft., along NE. slope.

18.95 Desc. 60 ft., on W. slope.
 Draw, course N. Asc. 235 ft., on E. slope.

37.65 Spur slopes N.10°W. Desc.
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

S 15
¼ -----
S 22
1916

from which
 A pinyon, 8 ins. diam., bears S.25°W., 5 lks. dist., marked ¼ S22 BT, and
 A pinyon, 9 ins. diam., bears N.32°45'W., 146 lks. dist., marked ¼ S15 BT.

47.80 Draw, 85 ft. below spur, course N.15°W. Asc. 65 ft., on NE. slope.

55.90 Spur slopes N. Desc. 70 ft., on W. slope.

60.80 Head of draw, course N.10°W. Thence along NE. slope.

77.15 Ridge bears N.75°W. and S.75°E. Thence along top of same.

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

Land, rolling.
 Soil, 3rd rate; limestone and clay formation.
 Timber, pinyon and cedar.
 Undergrowth, algerita and buffalo grass.

11.50 S.0°03'W., bet. secs. 21 and 22, over rolling hills, through dense timber. Desc. 200 ft., on SW. slope of spur.

33.46 ft. of slope. Desc. gradually along wash.

40.00 Cross wash, 10 lks. wide, course SE.

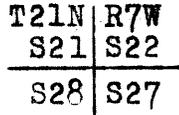
110 ft. below 11.50 ch. pt.,
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S21	S22
1916	

Chains

from which
 A cedar, 36 ins. diam., bears S.9°20'E., 223 lks. dist.,
 marked $\frac{1}{4}$ S22 BT, and
 A cedar, 12 ins. diam., bears S.84°15'W., 145 lks. dist.,
 marked $\frac{1}{4}$ S21 BT.

Thence along NE. slope.
 64.00 Leave dense timber, which becomes scattering.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 21, 22, 27 and 28, with brass cap, marked



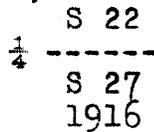
1916

from which
 A cedar, 8 ins. diam., bears N.62°10'E., 51 lks. dist.,
 marked T21N R7W S22 BT,
 A pinyon, 8 ins. diam., bears S.69°E., 249 lks. dist.,
 marked T21N R7W S27 BT,
 A cedar, 10 ins. diam., bears S.49°20'W., 94 lks. dist.,
 marked T21N R7W S28 BT, and
 A cedar, 10 ins. diam., bears N.55°W., 348 lks. dist.,
 marked T21N R7W S21 BT.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 22 and 27.
 79.80 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 25 lks. S. of the cor. of secs.
 22, 23, 26 and 27.

Thence S.89°49'W., on a true line, bet. secs. 22 and 27,
 over rolling hills, through scattering timber and under-
 growth. Desc. 25 ft. along W. side of spur.
 3.40 Thence along N. edge of wash, course E. Wagon road in wash.
 15.80 Asc. 120 ft., on SE. slope.
 31.40 Spur slopes S.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
 A cedar, 12 ins. diam., bears N.10°45'W., 36 lks. dist.,
 marked $\frac{1}{4}$ S22 BT, and
 A pinyon, 16 ins. diam., bears S.31°W., 58 lks. dist.,
 marked $\frac{1}{4}$ S27 BT.
 42.80 Wash, course SE. Asc. on SW. slope.
 75.80 Leave dense timber. Thence through scattering timber, along
 spur sloping E.
 79.80 The cor. of secs. 21, 22, 27 and 28.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.
 Undergrowth, oak and algerita.

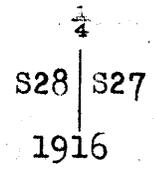
30.10 S.0°03'W., bet. secs. 27 and 28,
 over rolling hills, through cedar and pinyon timber and
 scattering undergrowth. Desc. 140 ft. on gentle slope.
 Wash, course NE.

Subdivision of T. 21 N., R. 7 W.

Chains

30.70
40.00

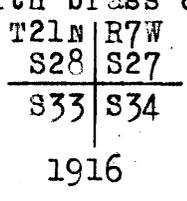
Road bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec.cor., with brass cap, marked



from which
A cedar, 12 ins. diam., bears N.70°40'W., 63 lks. dist., marked $\frac{1}{4}$ S28 BT, and
A pinyon, 10 ins. diam., bears N.29°30'E., 67 lks. dist., marked $\frac{1}{4}$ S27 BT.

40.40
47.20
64.00
74.40
80.00

Spur slopes NE. Desc. 50 ft., on SW. slope.
Wash, course NE. Asc. 100 ft., on NW. slope.
Spur slopes NE.
Desc. 45 ft., on SW. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground), for cor. of secs. 27, 28, 33 and 34, with brass cap, marked



from which
A cedar, 10 ins. diam., bears N.83°45'E., 67 lks. dist., marked T21N R7W S27 BT,
A cedar, 12 ins. diam., bears S.26°40'E., 187 lks. dist., marked T21N R7W S34 BT,
A cedar, 10 ins. diam., bears S.66°10'W., 332 lks. dist., marked T21N R7W S33 BT, and
A cedar, 8 ins. diam., bears N.84°W., 390 lks. dist., marked T21N R7W S28 BT.

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.
Undergrowth, scrub oak and algerita.

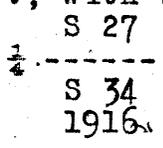
40.00
79.86

East, on a random line, bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 21 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence S.89°51'W., on a true line, bet. secs. 27 and 34, over rolling hills, through scattering timber and undergrowth.

10.85
11.85
19.00
39.93

Wash, course NE.
Tank bears NE. about 13 chs. dist.
Tank, 75 lks. diam., and corral, N. of line.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
A cedar, 8 ins diam., bears N.66°20'E., 73 lks. dist., marked $\frac{1}{4}$ S27 BT, and
A cedar, 10 ins. diam., bears S.30°10'W., 118 lks. dist., marked $\frac{1}{4}$ S34 BT.

77.85
79.86

Wash, course NE.
The cor. of secs. 27, 28, 33 and 34.

Chains

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.
Undergrowth, oak and algerita.

S.0°03'W., bet. secs. 33 and 34,
over rolling land, through scattering timber and under-
growth.

- 2.50 Draw, course N.35°E.
- 22.86 Spur slopes N.80°W.
- 30.00 Draw, course NW. Asc. on N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

1916

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

- 40.60 Ridge bears W. and S.80°E. Desc. 215 ft., on S. slope.
- 69.25 Intersect 5th St. Par. N. 502 lks. N.89°03'E. of angle pt. formerly standard cor. of secs. 33 and 34, hereinbefore described.

At point of intersection

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

C C
T21N | R7W
S33 | S34

S 4
T20N R7W

1916

from which

- A cedar, 24 ins. diam., bears N.10°E., 43 lks. dist., marked T21N R7W S34 BT, and
- A cedar, 14 ins. diam., bears N.70°W., 125 lks. dist., marked T21N R7W S33 BT.

Land, rolling.
Soil, 3rd rate.
Timber, pinyon and cedar.
Undergrowth, scrub oak and manzanita.

From the cor. of secs. 4 and 5, on N. bdy. of Tp.,
hereinbefore described,

S.0°02'W., bet. secs. 4 and 5,
over rolling hills, through dense timber. Desc. 30 ft.,
on SW. slope.

- 2.90 Wash, course NE. Asc. 85 ft., on NW. slope.
- 10.00 Spur slopes NE. Desc. 130 ft., on SW. slope.
- 31.20 Wash, course NE. Asc. on NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

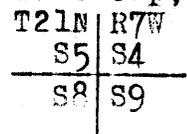
$\frac{1}{4}$
S5 | S4

1916

Subdivision of T. 21 N., R. 7 W.

Chains
47.45
70.00
80.00

from which
A cedar, 24 ins. diam., bears S.27°45'E., 146 lks. dist.,
marked $\frac{1}{4}$ S4 BT, and
A cedar, 12 ins. diam., bears N.13°10'W., 173 lks. dist.,
marked $\frac{1}{4}$ S5 BT.
Spur slopes NE. Thence along broken SW. slope.
Leave dense timber and thence through scattering timber.
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for cor. of secs.
4, 5, 8 and 9, with brass cap, marked



1916

from which
A cedar, 10 ins. diam., bears N.62°20'E., 317 lks. dist.,
marked T21N R7W S4 BT,
A cedar, 18 ins. diam., bears S.63°15'E., 123 lks. dist.,
marked T21N R7W S9 BT,
A cedar, 24 ins. diam., bears S.38°50'W., 225 lks. dist.,
marked T21N R7W S8 BT, and
A cedar, 30 ins. diam., bears N.56°W., 114 lks. dist.,
marked T21N R7W S5 BT.

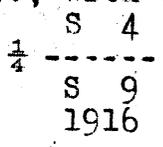
Land, rolling hills.
Soil, rocky; 3rd rate.
Timber, cedar and pinyon.

40.00
80.02

East, on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 12 lks. S. of the cor. of secs.
3, 4, 9 and 10.

40.01

Thence S.89°55'W., on a true line, bet. secs. 4 and 9,
over rolling hills, through scattering timber and under-
growth, along broken NW. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



45.50
67.00
80.02

from which
A cedar, 24 ins. diam., bears N.49°E., 143 lks. dist.,
marked $\frac{1}{4}$ S4 BT.
No other trees within limits. Raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Enter wash, course NE.
Leave same, and asc. 140 ft., on SW. slope.
The cor. of secs. 4, 5, 8 and 9.

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.
Undergrowth, oak and mahogany.

7.00
38.00
40.00

S.0°02'W., bet. secs. 8 and 9,
over rolling hills, through scattering timber.
Desc. 105 ft., on SW. slope.
Wash, course NE. Asc. on NW. slope.
Enter dense timber.
Summit of ascent, 330 ft. above wash.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

chains

$\frac{1}{4}$
 S8 | S9
 1916

from which

A pinyon, 8 ins. diam., bears N.54°30'E., 11 lks. dist., marked $\frac{1}{4}$ S9 BT, and

A cedar, 8 ins. diam., bears N.57°W., 19 lks. dist., marked $\frac{1}{4}$ S8 BT.

45.00
80.00

Spur slopes NE. Thence along SW. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap, marked

T21N | R7W
 S8 | S9

 S17 | S16
 1916

from which

A cedar, 8 ins. diam., bears N.85°50'E., 43 lks. dist., marked T21N R7W S9 BT,

A cedar, 12 ins. diam., bears S.19°45'E., 187 lks. dist., marked T21N R7W S16 BT,

A cedar, 16 ins. diam., bears S.7°20'W., 100 lks. dist., marked T21N R7W S17 BT, and

A cedar, 10 ins. diam., bears N.35°45'W., 39 lks. dist., marked T21N R7W S8 BT.

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, cedar and pinyon.

40.00
79.92

East, on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 26 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence S.89°49'W., on a true line, bet. secs. 9 and 16, over rolling hills, through dense timber.
Desc. 55 ft., on W. slope.

6.90
28.90
39.96

Wash, course N. Asc. 270 ft., on E. slope.
Edge of spur extending NE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 9
 $\frac{1}{4}$ -----
 S 16
 1916

from which

A pinyon, 12 ins. diam., bears N.48°W., 93 lks. dist., marked $\frac{1}{4}$ S9 BT, and

A pinyon, 8 ins. diam., bears S.71°40'E., 43 lks. dist., marked $\frac{1}{4}$ S16 BT.

Thence along gentle NE. slope.

79.00
79.92

Small wash, course NE.
The cor. of secs. 8, 9, 16 and 17.

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, cedar and pinyon.

2.00
16.50
25.25

S.0°02'W., bet. secs. 16 and 17, over rolling hills, through dense timber.
Small wash, course NE.
Asc. 50 ft., on gentle NE. slope.
Spur slopes SE. Desc. 150 ft., on SW. slope.
Wash, 10 lks. wide, course SE. Thence along NE. slope.

Subdivision of T. 21 N., R. 7 W.

Chains

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

$\frac{1}{4}$
S17 | S16
1916

from which
A cedar, 18 ins. diam., bears S.24°20'E., 217 lks. dist., marked $\frac{1}{4}$ S16 BT, and
A cedar, 10 ins. diam., bears S.85°50'W., 138 lks. dist., marked $\frac{1}{4}$ S17 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap, marked

T21N | R7W
S17 | S16

S20 | S21
1916

from which
A cedar, 24 ins. diam., bears N.55°10'E., 135 lks. dist., marked T21N R7W S16 BT,
A cedar, 14 ins. diam., bears S.33°30'E., 23 lks. dist., marked T21N R7W S21 BT,
A cedar, 18 ins. diam., bears S.42°15'W., 15 lks. dist., marked T21N R7W S20 BT, and
A cedar, 8 ins. diam., bears N.40°40'W., 40 lks. dist., marked T21N R7W S17 BT.

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.

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

Thence S.89°59'W., on a true line, bet. secs. 16 and 21, over rolling hills, through dense timber.
Desc. 70 ft., along top of spur.

5.00 Thence along SW. slope.
19.00 Draw, course SE.
25.50 Asc. on gentle E. slope.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 16
 $\frac{1}{4}$ -----
S 21
1916

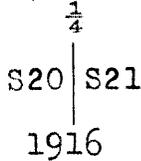
from which
A cedar, 12 ins. diam., bears N.15°50'E., 32 lks. dist., marked $\frac{1}{4}$ S16 BT, and
A pinyon, 12 ins. diam., bears S.41°W., 85 lks. dist., marked $\frac{1}{4}$ S21 BT.
Impracticable to set post farther in the ground. Raise mound of stone around same.

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

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.

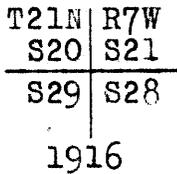
Chains

40.00 S.0°02'W., bet. secs. 20 and 21,
 over rolling land, through dense timber.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
 A cedar, 24 ins. diam., bears S.23°30'E., 78 lks. dist.,
 marked $\frac{1}{4}$ S21 BT, and
 A cedar, 18 ins. diam., bears N.87°10'W., 81 lks. dist.,
 marked $\frac{1}{4}$ S20 BT.

54.00 Along NW. slope.
 79.60 Small wash, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 20, 21, 28 and 29, with brass cap, marked



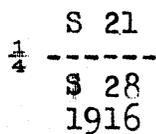
from which
 A cedar, 10 ins. diam., bears N.76°05'E., 179 lks. dist.,
 marked T21N R7W S21 BT,
 A pinyon, 10 ins. diam., bears S.32°20'E., 331 lks. dist.,
 marked T21N R7W S28 BT,
 A cedar, 24 ins. diam., bears S.37°50'W., 134 lks. dist.,
 marked T21N R7W S29 BT, and
 A cedar, 10 ins. diam., bears N.67°W., 102 lks. dist.,
 marked T21N R7W S20 BT.

Land, rolling hills.
 Soil, 3rd rate; rocky.
 Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 21 and 28.
 80.08 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 21, 22, 27 and 28.

Thence S.89°58'W., on a true line, bet. secs. 21 and 28,
 over rolling hills, through scattering timber and under-
 growth.

11.00 Enter dense timber.
 15.00 Asc. on S. slope.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with
 brass cap, marked



from which
 A cedar, 8 ins. diam., bears N.35°05'E., 81 lks. dist.,
 marked $\frac{1}{4}$ S21 BT, and
 A cedar, 10 ins. diam., bears S.73°45'W., 75 lks. dist.,
 marked $\frac{1}{4}$ S28 BT.

48.00 Thence on E. slope.
 53.00 Ridge, 400 ft. above 15.00 ch. pt., bears N. and S. Desc.
 120 ft., on W. slope.
 80.08 The cor. of secs. 20, 21, 28 and 29.

Land, rolling hills. Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon. Undergrowth, oak and algerita.

Chains

S.0°02'W., bet. secs. 28 and 29,
over rolling land, through dense timber and scattering
undergrowth.

5.30 Wire fence bears E. and W.

10.50 Spur slopes S.80°W.

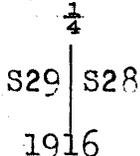
Gabenia reservoir, 2 chs. long, 1½ chs. wide, bears W.,
5 chs. dist.

18.50 Wash, course S.70°W.

23.40 Fence, bears E. and W.

35.40 Wash, course S.65°E. Road follows wash.

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



from which

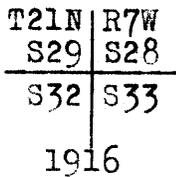
A cedar, 36 ins. diam., bears N.49½°E., 69 lks. dist.,
marked ¼ S28 BT, and

A cedar, 10 ins. diam., bears S.64°W., 29 lks. dist.,
marked ¼ S29 BT.

59.00 Low wide spur slopes N.75°E.

78.95 Draw, course N.65°E. Road follows draw.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 28, 29, 32 and 33, with brass
cap, marked



from which

A cedar, 10 ins. diam., bears S.75½°E., 201 lks. dist.,
marked T21N R7W S33 BT, and

A cedar, 16 ins. diam., bears S.17½°W., 162 lks. dist.,
marked T21N R7W S32 BT.

No other trees within limits. Raise a mound of stone,
2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.

Soil, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, quinine and oak brush, algerita and buffalo
grass.

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

40.00 Set temp. ¼ sec. cor.

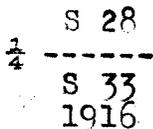
80.18 Intersect N. and S. line 8 lks. S. of the cor. of secs.
27, 28, 33 and 34.

Thence S.89°57'W., on a true line, bet, secs. 28 and 33,
over rolling hills, through scattering timber and under-
growth. Asc. on SW. slope.

3.00 Thence along broken NW. slope.

21.00 Enter dense timber.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for ¼ sec. cor.,
with brass cap, marked



from which

A pinyon, 10 ins. diam., bears N.22°W., 36 lks. dist.,
marked ¼ S28 BT, and

A pinyon, 12 ins. diam., bears S.43°06'E., 70 lks. dist.,
marked ¼ S 33 BT.

38

Subdivision of T. 21 N., R. 7 W.

Chains

- 41.95 Wash, course NW. Thence along NW. slope.
 47.00 Wash, course NE. Asc. on E. slope.
 63.00 Thence along spur sloping E.
 70.40 Draw, course N.
 71.00 Leave dense timber, which becomes scattering.
 80.18 The cor. of secs. 28, 29, 32 and 33.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.
 Undergrowth, scrub oak and algerita.

- S.0°02'W., bet. secs. 32 and 33,
 over slightly rolling land, through dense timber and scattering undergrowth. Asc. 190 ft., on gentle slope.
 28.40 Ridge bears S.80°W. and E. About 6 chs. E. of line ridge turns SE. Desc. 165 ft., on S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

1916

from which

A pinyon, 8 ins. diam., bears S.74 $\frac{1}{2}$ °E., 46 lks. dist., marked $\frac{1}{4}$ S33 BT, and

A cedar, 16 ins. diam., bears S.47°W., 48 lks. dist., marked $\frac{1}{4}$ S32 BT.

Impracticable to set post farther in the ground. Raise a mound of stone around same.

- 40.25 Draw, course S.65°W.

- 64.00 Draw, course N.80°W.

- 71.97 Intersect 5th St. Par. N. 531 lks. N.87°21'E. of angle pt., formerly standard cor. of secs. 32 and 33, hereinbefore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 32 and 33, with brass cap, marked

C C	C C
T21N	R7 W
S32	S33

S 5	S 5
T20N	R7 W

1916

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

Land, gently rolling.

Soil, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, scrub oak and buffalo grass.

- From the cor. of secs. 5 and 6, on N. bdy. of Tp., hereinbefore described,

- S.0°02'W., bet. secs. 5 and 6,
 over rolling hills, through dense timber.
 32.00 Low spur slopes SE. Desc. on gentle SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S6	S5
----	----

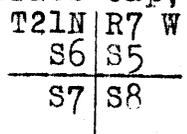
1916

Chains

from which
 A pinyon, 8 ins. diam., bears N.16°50'E., 59 lks. dist., marked $\frac{1}{4}$ S5 BT, and
 A cedar, 6 ins. diam., bears S.42°40'W., 71 lks. dist., marked $\frac{1}{4}$ S6 BT.

63.25
80.00

Wash, course SE.
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 5, 6, 7 and 8, with brass cap, marked



1916

from which
 A pinyon, 10 ins. diam., bears N.60°45'E., 58 lks. dist., marked T21N R7W S5 BT,
 A cedar, 10 ins. diam., bears S.27°15'E., 53 lks. dist., marked T21N R7W S8 BT,
 A pinyon, 8 ins. diam., bears S.66°55'W., 75 lks. dist., marked T21N R7W S7 BT, and
 A pinyon, 14 ins. diam., bears N.77°30'W., 111 lks. dist., marked T21N R7W S6 BT.

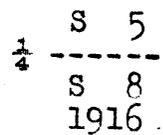
Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

40.00
80.10

East, on a random line, bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.

6.50
11.70
22.00
38.10
40.05

Thence N.89°58'W., on a true line, bet. secs. 5 and 8, over rolling land, through scattering timber and undergrowth. Asc. 60 ft., along SE. slope.
 Spur slopes S.30°W. Desc. 115 ft., on rocky W. slope, over cliffs.
 Canyon, course S.10°W. Asc. 170 ft., on E. slope, over cliffs.
 Thence along N. side of spur.
 Enter dense timber.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

from which
 A cedar, 12 ins. diam., bears S.35°W., 91 lks. dist., marked $\frac{1}{4}$ S8 BT.
 No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor:

56.50
61.50
64.30
80.10

Wire fence bears N.65°E. and S.65°W.
 Reservoir bears NW., 4 chs. dist.
 Draw, course NE.
 Fence bears N. and S. Asc. 110 ft., on E. slope.
 The cor. of secs. 5, 6, 7 and 8.

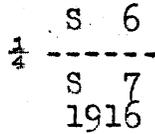
Land, rolling.
 Soil, clay; 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, quinine brush.

Chains

West, on a random line, bet. secs. 6 and 7,
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 87.58 Intersect W. bdy. of Tp. 2 lks. N. of the cor. of secs.
 1, 6, 7 and 12, which is an iron post, 3 ins. diam.,
 with brass cap, marked, set and witnessed as described
 by the surveyor general.

Thence N.89°59'E., on a true line, bet. secs. 6 and 7,
 over flat open country, through scattering timber and
 undergrowth.

18.15 Thence over rolling land.
 23.00 Enter dense timber, bearing N. and S.
 33.30 Red Lake Reservoir bears S.23°W.
 42.60 Draw, course S.55°W.
 47.58 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with
 brass cap, marked



from which

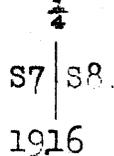
A pinyon, 7 ins. diam., bears N.77 $\frac{1}{2}$ °E., 111 lks. dist.,
 marked $\frac{1}{4}$ S6 BT, and
 A cedar, 14 ins. diam., bears S.32°45'E., 100 lks. dist.,
 marked $\frac{1}{4}$ S7 BT.

57.00 Flat spur slopes S. Desc. on gentle E. slope.
 70.00 Draw, course S.80°E. Asc. along gentle S. slope.
 87.58 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.
 Soil, 2nd and 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, quinine brush and buffalo grass.

S.0°02'W., bet. secs. 7 and 8,
 over rolling hills, through dense timber. Desc. 45 ft.

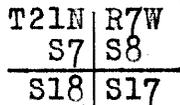
3.45 Wash, course NE. Asc. 45 ft.
 11.20 Spur slopes NE. Desc. 20 ft.
 17.05 Wash, course NE. Asc. 100 ft., on NW. slope.
 30.00 Ridge bears E. and W. Desc. on S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which

A cedar, 20 ins. diam., bears S.44°30'E., 23 lks. dist.,
 marked $\frac{1}{4}$ S8 BT.
 A cedar, 8 ins. diam., bears S.14°15'W., 80 lks. dist.,
 marked $\frac{1}{4}$ S7 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 7, 8, 17 and 18, with brass cap, marked



1916

from which

A cedar, 12 ins. diam., bears N.22°15'E., 153 lks. dist.,
 marked T21N R7W S8 BT,
 A cedar, 8 ins. diam., bears S.55°E., 48 lks. dist.,
 marked T21N R7W S17 BT,

Subdivision of T. 21 N., R. 7 W.

Chains

A cedar, 14 ins. diam., bears S.42°30'W., 65 lks. dist., marked T21N R7W S18 BT, and
A cedar, 30 ins. diam., bears N.66°15'W., 71 lks. dist., marked T21NR7W S7 BT.

Land, rolling hills.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 8 and 17.
80.06 Set temp. 1/4 sec. cor.
Intersect N. and S. line 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.

28.50 Thence N.89°55'W., on a true line, bet. secs. 8 and 17,
40.03 over gently rolling land, through dense timber and scattering undergrowth, on E. slope.
Rim rock bears N.60°W. and S.60°E. Desc. on SW. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked
S 8
1/4 -----
S 17
1916

45.80 from which
80.06 A cedar, 8 ins. diam., bears N.52 1/2°E., 50 lks. dist., marked 1/4 S8 BT, and
A pinyon, 7 ins. diam., bears S.13°W., 142 lks. dist., marked 1/4 S17 BT.
Draw, course N.60°W. Thence along NE. slope.
The cor. of secs. 7, 8, 17 and 18.
Land, gently rolling.
Soil, clay; 3rd rate.
Timber, cedar and pinyon.
Undergrowth, oak brush.

40.00 West, on a random line, bet. secs. 7 and 18.
87.83 Set temp. 1/4 sec. cor.
Intersect W. bdy. of Tp. 3 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

47.83 Thence N.89°59'E., on a true line, bet. secs. 7 and 18,
over open flat land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked
S 7
1/4 -----
S 18
1916

65.80 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
80.00 Enter timber, bearing N. and S. Leave flat, and Asc. 190 ft., on W. slope.
87.83 Summit of ascent.
The cor. of secs. 7, 8, 17 and 18.

Land, rolling in W. 65.80 chs. and flat in E. part.
Soil, 3rd rate.
Timber, cedar and pinyon.
Undergrowth, quinine brush and buffalo grass.

Chains

S.0°02'W., bet. secs. 17 and 18,
over rolling hills, through dense timber, along ridge
bearing N. and S.

20.00 Desc. 165 ft., on SW. slope.

31.15 Wash, course NW. Asc. on NE. slope.

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

S18 | S17

1916

from which

A pinyon, 18 ins. diam., bears N.83°50'E., 106 lks. dist.,
marked 1/4 S17 BT, and

A cedar, 8 ins. diam., bears S.20°55'W., 77 lks. dist.,
marked 1/4 S18 BT.

73.00 Ridge, 215 ft. above wash at 31.15 ch. pt., bears E. and W.
Desc. gradually on S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 17, 18, 19 and 20, with brass
cap, marked

T21N | R7W
S18 | S17

S19 | S20

1916

from which

A cedar, 10 ins. diam., bears N.77°45'E., 117 lks. dist.,
marked T21N R7W S17 BT,

A cedar, 18 ins. diam., bears S.8°50'E., 120 lks. dist.,
marked T21N R7W S20 BT,

A cedar, 8 ins. diam., bears S.70°50'W., 203 lks. dist.,
marked T21N R7W S19 BT, and

A cedar, 12 ins. diam., bears N.35°15'W., 71 lks. dist.,
marked T21N R7W S18 BT.

Land, rolling hills.

Soil, rocky; 3rd and 4th rate.

Timber, cedar and pinyon.

East, on a random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

79.72 Intersect N. and S. line 6 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence N.89°57'W., on a true line, bet. secs. 17 and 20,
over gently rolling land, through dense timber and
scattering undergrowth.

39.86 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for 1/4 sec. cor.,
with brass cap, marked

S 17
1/4 -----
S 20
1916

from which

A cedar, 8 ins. diam., bears N.47 1/4°W., 83 lks. dist.,
marked 1/4 S17 BT, and

A cedar, 7 ins. diam., bears S.7°E., 47 lks. dist.,
marked 1/4 S20 BT.

56.95 Head of draw, course N.25°W. Asc. on NE. slope.

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

Land, gently sloping.

Soil, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, quinine brush. Buffalo grass.

Subdivision of T. 21 N. R. 7 W.

Chains

West, on a random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 87.69 Intersect W. bdy. of Tp. 9 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general.

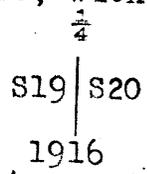
Thence N.89°56'E., on a true line, bet. secs. 18 and 19, ascending on gentler W. slope of wide open flat.
 35.00 Enter dense timber and scattering undergrowth, and asc. over more steeply sloping land.
 47.69 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 18
 $\frac{1}{4}$ -----
 S 19
 1916

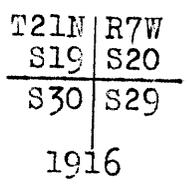
from which
 A pinyon, 6 ins. diam., bears N.8°15'E., 50 lks. dist., marked $\frac{1}{4}$ S18 BT, and
 A cedar, 6 ins. diam., bears S.6°45'W., 50 lks. dist., marked $\frac{1}{4}$ S19 BT.
 57.50 Top of rim of bench bears N.10°W. and S.10°E.; 560 ft. above sec. cor. Thence over nearly level land.
 87.69 The cor. of secs. 17, 18, 19 and 20.

Land, gently sloping.
 Soil, clay; 2nd rate.
 Timber, cedar and pinyon.
 Undergrowth, quinine brush and algerita. Buffalo grass.

S.0°02'W., bet. secs. 19 and 20,
 over rolling hills, through dense timber.
 1.00 Saddle. Thence along SW. slope, nearly flat.
 26.70 Leave timber. Enter valley, draining to SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 73.50 Enter timber.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked



from which
 A cedar, 8 ins. diam., bears N.66°15'E., 182 lks. dist., marked T21N R7W S20 BT,
 A cedar, 10 ins. diam., bears S.63°50'E., 150 lks. dist., marked T21N R7W S29 BT,
 A cedar, 24 ins. diam., bears S.77°W., 294 lks. dist., marked T21N R7W S30 BT, and
 A cedar, 12 ins. diam., bears N.59°40'W., 78 lks. dist., marked T21N R7W S19 BT.

Land, rolling.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

Chains

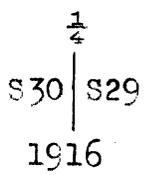
	East, on a random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence N. $89^{\circ}59'W.$, on a true line, bet. secs. 20 and 29, over rolling hills, through dense timber, on SW. slope.
.70	Wash, course SW.
12.00	Wash, course S. Corral and tank bear S. about 10 chs. dist. Asc. 95 ft., on E. slope.
26.90	Ridge bears NW. and SE. Desc. on SW. slope.
39.10	Wash, course SE. Asc. on NE. slope.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	S 20
	$\frac{1}{4}$ -----
	S 29
	1916
	from which
	A cedar, 30 ins. diam., bears N. $66^{\circ}35'E.$, 98 lks. dist., marked $\frac{1}{4}$ S20 BT, and
	A cedar, 14 ins. diam., bears S. $19^{\circ}30'E.$, 239 lks. dist., marked $\frac{1}{4}$ S29 BT.
79.88	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling hills.
	Soil, rocky; 3rd and 4th rate.
	Timber, cedar and pinyon.
	Undergrowth, oak and algerita.

	West, on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.65	Intersect W. bdy. of Tp. 11 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is a 3 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general.
	Thence S. $89^{\circ}55'E.$, on a true line, bet. secs. 19 and 30, over rolling hills, through dense timber and scattering undergrowth.
2.20	Wash, course SW. Asc. on NW. slope.
34.65	Thence on SW. slope.
42.65	Summit of ascent, 420 ft. above wash.
47.65	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
	S 19
	$\frac{1}{4}$ -----
	S 30
	1916
	from which
	A cedar, 24 ins. diam., bears N. $57^{\circ}E.$, 172 lks. dist., marked $\frac{1}{4}$ S19 BT, and
	A cedar, 8 ins. diam., bears S. $13^{\circ}35'E.$, 156 lks. dist., marked $\frac{1}{4}$ S30 BT.
58.65	Ridge bears N. and S. Desc. on E. slope.
76.80	Wash, course S. Asc. 100 ft. on W. slope.
87.65	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling hills.
	Soil, rocky; 3rd and 4th rate.
	Timber, cedar and pinyon.
	Undergrowth, oak and algerita.

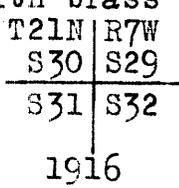
Subdivision of T. 21 N., R. 7 W.

Chains

S.0°02'W., bet. secs. 29 and 30,
 over rolling hills, through dense timber.
 12.00 Desc. 315 ft. on SW. slope.
 37.75 Wash, course SE. Asc. on NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with
 brass cap, marked



from which
 A cedar, 18 ins. diam., bears N.58°E., 57 lks. dist.,
 marked $\frac{1}{4}$ S29 BT, and
 A cedar, 14 ins. diam., bears S.18°40'W., 235 lks. dist.,
 marked $\frac{1}{4}$ S30 BT.
 55.00 Tank bears NE. about 8 chs. dist.
 56.80 Wire fence bears E. and W.
 57.00 Summit of ascent, 105 ft. above wash. Desc. 235 ft., along
 SE. slope.
 75.03 Wash, course SE. Asc. 25 ft.
 80.00 Set an iron post, 3 ft, long, 2 ins. diam., 20 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 29, 30, 31 and 32, with brass cap, marked

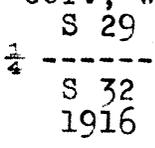


from which
 A cedar, 24 ins. diam., bears N.54°30'E., 111 lks. dist.,
 marked T21N R7W S29 BT,
 A cedar, 12 ins. diam., bears S.58°E., 79 lks. dist.,
 marked T21N R7W S32 BT,
 A cedar, 12 ins. diam., bears S.33°31'W., 147 lks. dist.,
 marked T21N R7W S31 BT, and
 A pine, 8 ins. diam., bears N.48°50'W., 146 lks. dist.,
 marked T21N R7W S30 BT.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

40.00 East, on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 28, 29, 32 and 33.

Thence S.89°58'W., on a true line, bet. secs. 29 and 32,
 over rolling land, through scattering timber.
 4.80 Draw, course SW. Road, in draw, bears NE. and SW.
 8.50 Enter dense timber.
 10.00 Saddle; desc. on NW. slope.
 20.30 Same road bears NW. and SE.
 24.00 Leave dense timber.
 25.10 Same road bears NE. and SW.
 34.00 Wash, course SW.
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
 A cedar, 12 ins. diam., bears N.13°07'W., 101 lks. dist.,
 marked $\frac{1}{4}$ S29 BT, and

Chains

A cedar, 48 ins. diam., bears S.1°41'E., 333 lks. dist., marked 1/4 S32 BT.

41.00 Enter timber.

61.00 Wash, course S.

74.90 Wash, course SE. Asc. on SE. slope.

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

Land, rolling.
Soil, rocky; 3rd and 4th rate.
Timber, cedar and pinyon.

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

Set temp. 1/4 sec. cor.

87.60 Intersect W. bdy. of Tp. 11.lks. S. of the cor. of secs. 25, 30, 31 and 36, which is a 3 in. iron post, with brass cap, marked, set and witnessed as described by the surveyor general.

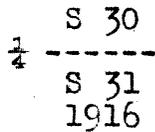
Thence S.89°55'E., on a true line, bet. secs. 30 and 31, over mountainous land, through dense timber and scattering undergrowth. Asc. 100 ft.

8.25 Thence along S. slope.

14.50 Wash, course SW. Asc. 380 ft., on W. slope.

38.20 Spur slopes N. Desc. gradually, 45 ft.

47.60 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for 1/4 sec. cor., with brass cap, marked



from which

A cedar, 18 ins. diam., bears N.31°10'E., 93 lks. dist., marked 1/4 S30 BT, and

A cedar, 18 ins. diam., bears S.12°36'W., 126 lks. dist., marked 1/4 S31 BT.

Thence along NW. slope.

48.60 Ridge bears NE. and SW. Thence along SW. slope.

57.60 Spur slopes SE. Thence along NE. slope.

67.60 Head of wash, course SE. Thence along SW. slope.

71.35 Spur slopes SE. Desc. 260 ft., on SE. slope.

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

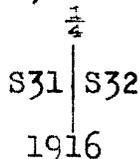
Land, mountainous.
Soil, rocky; 4th rate.
Timber, cedar and pinyon.
Undergrowth, oak and algerita.

S.0°02'W., bet. secs. 31 and 32, over rolling hills, along SW. slope, through dense timber.

22.00 Leave dense timber, which becomes scattering.

36.00 Leave scattering timber; thence across open valley, draining SW.

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



from which

A cedar, 12 ins. diam., bears N.4°38'E., 359 lks. dist., marked 1/4 S32 BT, and

A cedar, 20 ins. diam., bears N.74°37'W., 353 lks. dist., marked 1/4 S31 BT.

Subdivision of T. 21 N. R. 7 W.

Chains
 49.40 Road bears NE. and SW.
 57.80 Wash, course W. Asc. gradually on N. slope.
 59.00 Enter timber, bears E. and W.
 74.72 Intersect 5th St. Par. N 5⁸² lks. N.85°22'E., of the angle point, formerly standard cor. of secs. 31 and 32, which is a volcanic stone, 12x10x6 ins. above ground, marked, set, and witnessed as described by the surveyor general. The old standard $\frac{1}{4}$ sec. cors. on the S. bdrs. of secs. 31 and 32 will henceforth be angle points only.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for closing cor. of secs. 31 and 32, with brass cap, marked

C C
 T21N R 7W
 S31 S32
 S 6
 T20N R 7W
 1916

from which
 A pinyon, 10 ins. diam., bears N.61°10'E., 26 lks. dist., marked T21N R7W S32 BT, and
 A cedar, 12 ins. diam., bears N.44°10'W., 25 lks. dist., marked T21N R7W S31 BT.

Land, rolling hills.
 Soil, rocky; 3rd and 4th rate.
 Timber, cedar and pinyon.

Boundaries of T. 21 N., R. 7 W.
 Latitudes, Departures, and Closing Errors.

Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary 5th St. Par. N.	West	40.10				40.10
	S.89°57'W.	42.05		.04		42.05
	N.89°43'W.	41.00	.20			41.00
	S.84°45'W.	40.44		3.70		40.27
	S.85°42'W.	41.08		3.07		40.96
	S.89°03'W.	40.70		.68		40.69
	S.88°37'W.	40.31		.97		40.30
	S.87°21'W.	40.30		1.86		40.26
	West,	40.00				40.00
	S.85°22'W.	40.70		3.29		40.57
	N.89°17'W.	39.84	.50			39.84
	S.89°43'W.	42.31		.21		42.31
West Boundary	North	474.61	487.61			
North Boundary	East	487.88			487.88	
East Boundary	S.0°04'E.	19.64		19.64	.02	
	S.0°04'W.	40.05		40.05		.05
	S.0°16'W.	80.03		80.03		.37
	S.0°05'W.	40.04		40.04		.06
	South	40.09		40.09		
	S.0°05'W.	40.12		40.12		.06
	South	121.27		121.27		
	S.0°11'W.	39.50		39.50		.13
	S.0°07'W.	39.93		39.93		.08
South	2.11		2.11			
Convergency					.51	
Totals	Error in latitude		475.31	476.60	488.41	489.10
	Error in Departure			475.31		488.41
				1.29		.69

Chains

This township is rough and mountainous in the north, south and central portions; and rolling in the north east. A small flat comprises part of secs. 19 and 20, and a strip of nearly level land, known as Red Lake Flat, extends across the western portions of sections 6, 7, 18 and 19. The drainage is generally to east and west from a ridge running northerly and southerly through the western part of the township.

The Red Hill tank, in the SE. $\frac{1}{4}$ of sec. 27; Seep tank in the SE. $\frac{1}{4}$ of sec. 3, and tanks in the SW. $\frac{1}{4}$ of sec. 29 and the NE. $\frac{1}{4}$ of sec. 29, contain the only water in the township, the various drainage channels containing water only during and immediately following precipitation.

The soil on the low lands is a clay loam, with clay sub soil, of excellent quality, and producing buffalo and gramma grass in abundance for grazing purposes in the spring and fall. In the higher parts of the township the soil is shallow sand and clay, very rocky; and resting on a clay sub soil on dolomite and basalt formation. The dolomite and basalt in the extreme southern portion are beneath sandstone.

With the exception of the northeast and western parts of the township, which contain little vegetation beside the native grasses, the entire area is covered with a more or less dense growth of cedar and pinyon timber, with undergrowth of scrub oak, algerita and quinine brush at intervals.

There are no settlers. The O.O. Cattle Company owns a small log house, within a fenced inclosure of about 10 acres, in the NE. $\frac{1}{4}$ of sec. 29. The tanks hereinbefore mentioned were constructed by this company for stock watering purposes. The W. bdy. of secs. 5, 8, 17 and 20 of T. 21 N., R. 6 W. is marked by a fence, also built by them.

A wagon road runs through the south part of the township. No indications of valuable mineral were noted.

CERTIFICATES OF UNITED STATES TRANSITMEN.

We, J. P. Davis and Edward N. Thompson, U. S. Transitmen, respectively, hereby certify on honor that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group No. 52, Arizona, bearing date of the 11th day of December, 1915, we have well, faithfully, and truly, in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the North and East boundaries, retraced all those parts or portions of the South boundary, and surveyed all those parts or portions of the Subdivision lines of

TOWNSHIP 21 NORTH, RANGE 7 WEST,
of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes, and by the diagram on the reverse hereof, as having been executed by us, and under our direction, and we do further certify on honor that all the corners of said resurvey, retracement and survey have been reestablished or established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Arizona for Group No. 52, and in the specific manner described in our respective field notes, and that the foregoing are the original field notes of such resurveys, retracements and surveys.

J. P. Davis
U. S. Transitman.

Edward N. Thompson
U. S. Transitman.

A P P R O V A L .

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona,

June 20, 1918.

The foregoing field notes of the Resurvey of the North and East boundaries, Retracement of a portion of the South boundary, and Survey of the Subdivision lines of

TOWNSHIP 21 NORTH, RANGE 7 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by J. P. Davis and Edward N. Thompson, U. S. Transitmen, under special instructions dated December 11, 1915 for Group 52, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys, retracements and surveys they describe, are hereby approved.

Frank P. Frost

U. S. Surveyor General of Arizona.

~~I certify that the foregoing transcript of the field notes of the above-described resurveys, retracements and surveys in Book "A" of Group 52 has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General of Arizona.~~