

3092

Book "F."

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BOOK 3092

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FIELD NOTES

of the RETRACEMENT of a

PORTION OF EAST AND WEST BOUNDARIES,

and SURVEY of

SUBDIVISION LINES

of

TOWNSHIP 23 NORTH, RANGE 12 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Walter D. Long, U. S. Surveyor,

and

James C. Hooper, U. S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated February 23, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 51, which were approved by the Commissioner of the General Land
Office, March 3, 1915.

Retracement & Survey commenced April 29, 1916.

Retracement & Survey completed May 13, 1916.

Executed under Assignment
Instructions dated November 29, 1915.

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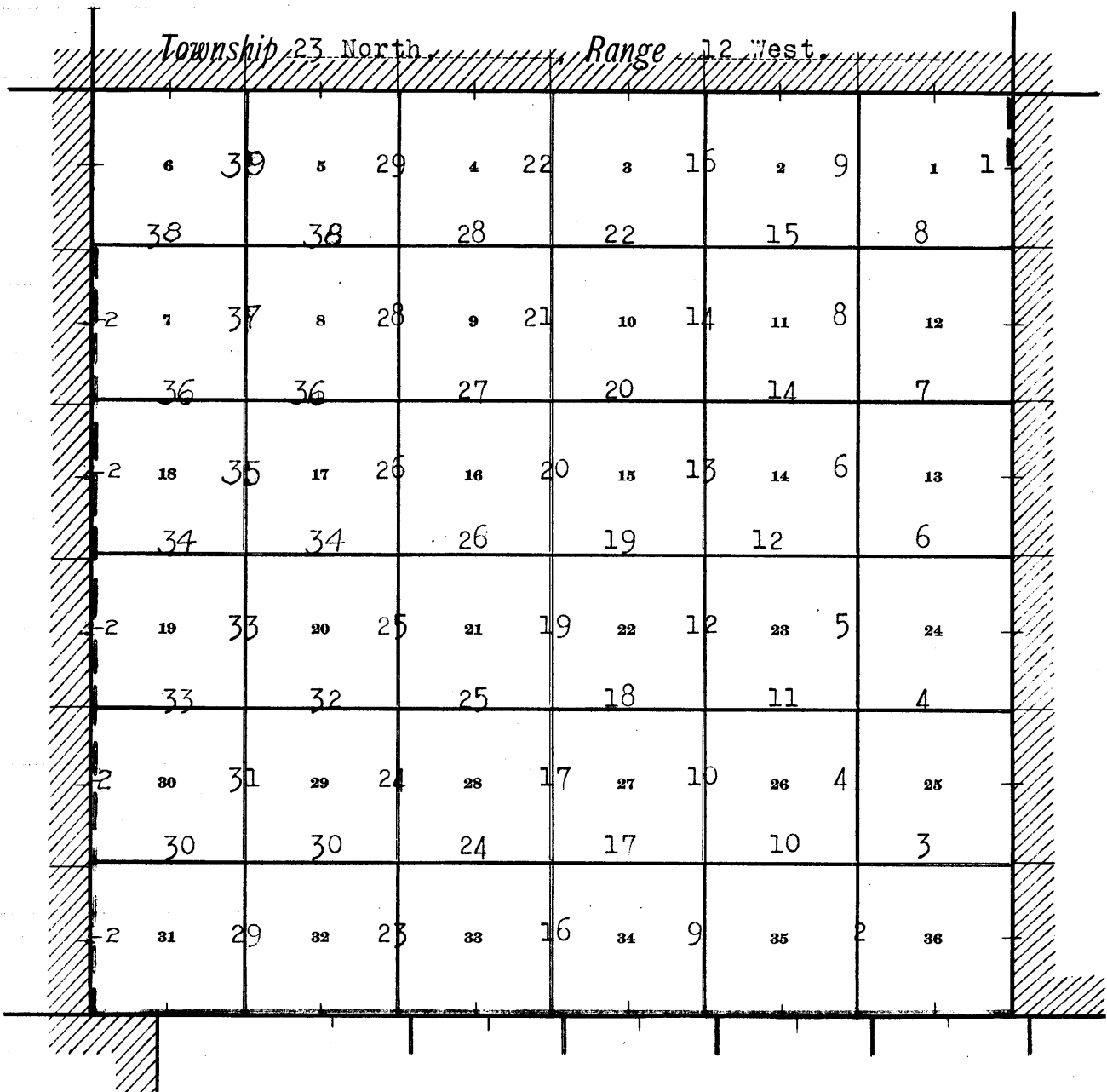
3092


Book "F."

Group 51 - - - Arizona.

BOOK 3092

INDEX DIAGRAM.



- Subdivision lines surveyed under this group.
- Township lines surveyed under this Group.
- Township lines resurveyed or retraced under this group.
- Accepted surveys.
-  Areas surveyed as per accepted plats on file.

Retracement of Portion of East and West Boundaries
and
Subdivision of T. 23 N., R. 12 W.

Chains

Work executed jointly by Walter D. Long, U. S. Surveyor,
and James C. Hooper, U. S. Transitman.

The instruments used are described, with record of approval by the assistant supervisor of surveys, and field tests, in Book A. Additional tests follow herein.

Polaris Observation.-- Walter D. Long, observer.

Apr. 30, 1916.

At my camp, near the NE. cor. of sec. 33, in Lat. $35^{\circ}20\frac{1}{2}'$ N., long. $113^{\circ}33\frac{1}{2}'$ W., at 5h 01m, a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a stake firmly driven in the ground $4\frac{1}{2}$ chs. N. of my station.

At 7h 00m, a.m., I lay off the azimuth of Polaris $1^{\circ}24'$ to the west, and mark the meridian thus established by a nail driven in a wooden stake firmly set in the ground W. of the point previously marked.

Test of transit No. 8540, by James C. Hooper.

Apr. 30, 1916.

At 7h 00m, a.m., l.m.t., I set off $35^{\circ}20\frac{1}{2}'$ on the lat. arc, $14^{\circ}48\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar; and at 5h 00m, p.m., l.m.t., I set off $35^{\circ}20\frac{1}{2}'$ N. on the lat. arc, $14^{\circ}56\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar. The positions defined by these observations for the meridian, agree within less than 01' of arc with that determined by the Polaris observation, from which I conclude that the adjustments are satisfactory. The level and collimation adjustments were previously examined and found correct.

Test of transit No. 8299, by Walter D. Long.

May 1, 1916.

At 7h 00m, a.m., l.m.t., having corrected level and collimation errors, I set off $35^{\circ}20\frac{1}{2}'$ on the lat. arc, and $15^{\circ}07'$ N. on the decl. arc, and determine a meridian with the solar; and at 5h 00m, p.m., l.m.t., I set off $35^{\circ}20\frac{1}{2}'$ N. on the lat. arc, and $15^{\circ}14\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar. The positions for the meridian defined by these observations agree within less than 01' of arc with that that determined by the Polaris observation; from which I conclude that the adjustments are satisfactory.

Magnetic Declination.

The magnetic bearing of the true meridian, at 7h 30m, a.m., is $N.13^{\circ}45'W.$ The angle thus determined gives for the magnetic declination $13^{\circ}45'E.$

Retracement of Portion of E. Bdy., T. 23 N., R. 12 W.

From the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, on E. bdy. of Tp., which is an iron post, 1 in. diam., with brass cap, marked, set, and witnessed as described by the surveyor general,

North, on a random line, bet. N. halves of secs. 1 and 6. Intersect old cor. of Tps. 23 and 24 N., Rs. 11 and 12 W., which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

37.98

Chains

The closing of subdivisional lines on the W. bdy. of the Tp. indicating that the line is materially defective, I retrace same for five miles, and compute the true courses resulting from the fallings, as follows:

From the cor. of Tps. 23 N., Rs. 12 and 13 W., which is a granite stone, 18x12x10 ins. above ground, marked and witnessed as described by the surveyor general;

N.0°05'E., bet. secs. 31 and 36.

39.54 The old $\frac{1}{4}$ sec. cor., which is a malpais stone, 20x18x12 ins. above ground, marked and witnessed as described by the surveyor general.

Thence N.0°23'E., bet. N. halves of secs. 31 and 36.

39.99 The old cor. of secs. 25, 30, 31 and 36, which is a granite stone, 10x10x6 ins. above ground, marked and witnessed as described by the surveyor general.

N.0°35'E., bet. secs. 25 and 30.

40.00 The old $\frac{1}{4}$ sec. cor., which is a granite stone, 24x14x12 ins. above ground, marked and witnessed as described by the surveyor general.

80.43 The old cor. of secs. 19, 24, 25 and 30, which is a boulder in place, 16x12x12 ins. above ground, marked and witnessed as described by the surveyor general.

N.1°49'W., bet. secs. 19 and 24.

37.48 The old $\frac{1}{4}$ sec. cor., which is a granite stone, 8x5x5 ins. above ground, marked and witnessed as described by the surveyor general.

Thence N.0°31'W., bet. N. halves of secs. 19 and 24.

40.00 The old cor. of secs. 13, 18, 19 and 24, which is a lava stone, 10x6x4 ins. above ground, marked and witnessed as described by the surveyor general.

N.0°15'E., bet. secs. 13 and 18.

39.94 The old $\frac{1}{4}$ sec. cor., which is a granite stone, 12x8x6 ins. above ground, marked and witnessed as described by the surveyor general.

Thence N.0°43'E., bet. N. halves of secs. 13 and 18.

40.40 The old cor. of secs. 7, 12, 13 and 18, which is a sandstone, 18x10x8 ins. above ground, marked and witnessed as described by the surveyor general.

N.0°52'E., bet. secs. 7 and 12.

40.08 The old $\frac{1}{4}$ sec. cor., which is a granite stone, 12x10x10 ins. above ground, marked and witnessed as described by the surveyor general.

N.0°19'E., bet. N. halves of secs. 7 and 12.

40.18 The old cor. of secs. 1, 6, 7 and 12, which is a stone, 10x8x5 ins. above ground, marked and witnessed as described by the surveyor general.

Subdivision of T. 23 N., R. 12 W.

From the cor. of secs. 35 and 36, on the S. bdy. of Tp., described in Book E,

N.0°01'W., bet. secs. 35 and 36, over mountainous land, through scattering timber and dense undergrowth. Asc. 60 ft.

8.80 Spur slopes E. Desc.

9.90 Desc. abrupt NW. slope.

Subdivision of T. 23 N., R. 12 W.

Chains

14.40 Covered well bears S.70°W., 2 chs. dist.
Small stream of water bears W., 3 chs. dist.

15.70 Gulch, 200 ft. below spur, 30 lks. wide, 4 ft. deep, course East. Asc.

16.32 Galvanized tank, 10 ft. diam., bears S.85°E., 170 lks. dist.

18.30 Enter dense timber, bearing E. and W.

33.10 Ridge, 235 ft. above wash, bears E. and W. Desc. gradually.

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

$\frac{1}{4}$
S35 | S36
1916

from which
A cedar, 18 ins. diam., bears S.6°10'E., 289 lks. dist., marked $\frac{1}{4}$ S36 BT, and
A cedar, 10 ins. diam., bears N.79°30'W., 478 lks. dist., marked $\frac{1}{4}$ S35 BT.

44.57 Wash, 80 ft. below ridge, 15 lks. wide, 2 ft. deep, course East.

66.45 Ridge bears N.70°E. and S.70°W. Desc. 100 ft.

77.83 Wash, 10 lks. wide, 2 ft. deep, course S.70°E.

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

T23N | R12W
S26 | S25

S35 | S36
1916

from which
A cedar, 7 ins. diam., bears N.19°10'E., 280 lks. dist., marked T23N R12W S25 BT,
A cedar, 6 ins. diam., bears S.51°40'E., 98 lks. dist., marked T23N R12W S36 BT,
A cedar, 8 ins. diam., bears S.7°45'W., 82 lks. dist., marked T23N R12W S35 BT, and
A cedar, 10 ins. diam., bears N.40°20'W., 342 lks. dist., marked T23N R12W S26 BT.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, scrub oak.

40.00 N.89°58'E., on a random line, bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect E. bdy. of Tp. 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence S.89°59'W., on a true line, bet. secs. 25 and 36, over mountainous land, through scattering timber and dense undergrowth. Desc. 130 ft.

5.90 Wash, 60 lks. wide, 4 ft. deep, course NW. Asc. 230 ft.

21.40 Ridge bears N. and S. Desc.

29.90 Leave timber, bearing N. and S.

38.50 Wash, 220 ft. below ridge, 100 lks. wide, 5 ft. deep, course North. Asc.

39.99 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

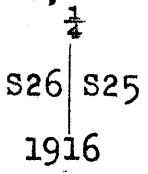
S 25
 $\frac{1}{4}$ -----
S 36
1916

Subdivision of T. 23 N., R. 12 W.

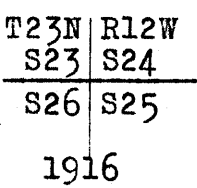
Chains
 from which
 A cedar, 18 ins. diam., bears N.37°35'E., 244 lks. dist., marked $\frac{1}{4}$ S25 BT, and
 A granite boulder, 3x2x3 ft. above ground, bears S.65°30'E., 15 lks. dist., marked X B0 36.
 48.00 Enter timber, bearing N. and S.
 48.75 Ridge, 200 ft. above wash, bears NE. and SW. Desc. gradually.
 76.00 Wash, 10 lks. wide, 2 ft. deep, course N.20°E. Asc. 35 ft.
 79.98 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 25 and 26,
 over mountainous land, through cedar timber and oak undergrowth. Asc. over granite boulders.
 7.95 Leave boulders, bearing E. and W.
 9.65 Ridge, 55 ft. above sec. cor., bears N.70°E. and S.70°W.
 22.22 Wash, 30 lks. wide, 4 ft. deep, course E. Asc.
 24.40 Foot of rim rock bears E. and W. Asc.
 25.20 Top of same, 50 ft. high.
 36.90 Ridge, 140 ft. above wash, bears N.60°E. and S.60°W. Descend.
 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, 8 ins. diam., bears N.38°55'E., 55 lks. dist., marked $\frac{1}{4}$ S25 BT, and
 A cedar, 5 ins. diam., bears S.81°50'W., 82 lks. dist., marked $\frac{1}{4}$ S26 BT.
 66.45 Ridge bears NE. and SW. 90 ft. above wash. Desc. 190 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap, marked



from which
 A cedar, 18 ins. diam., bears N.49°10'E., 170 lks. dist., marked T23N R12W S24 BT,
 A cedar, 10 ins. diam., bears S.58°35'E., 152 lks. dist., marked T23N R12W S25 BT,
 A cedar, 12 ins. diam., bears S.48°45'W., 63 lks. dist., marked T23N R12W S26 BT, and
 A cedar, 6 ins. diam., bears N.65°55'W., 145 lks. dist., marked T23N R12W S23 BT.

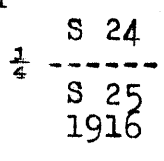
Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo, cedar and scrub oak.
 Grass, fair.

N.89°59'E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.22 Intersect E. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., with brass

Chains

cap, marked, set, and witnessed as described by the surveyor general.

- 1.00 Wire fence bears N.30°E. and S.60°W.
- 8.03 Road bears NE. and SW.
- 8.65 Wash, 10 lks. wide, 3 ft. deep, course SW.
- 11.53 Same wash, 15 lks. wide, 3 ft. deep, course N.60°W.
- 13.50 Dim road bears N.60°W. and S.40°E.
- NE. cor. of corral bears S., 47 lks. dist.
- NW. cor. of J. E. Carrow's house bears S.37°E., 6.56 chs. dist. (Windmill at N. end of house).
- 16.23 Enter Wright Creek bed, course NW., containing stream of water, 5 lks. wide.
- 18.66 Leave creek bed.
- 30.77 Wire fence bears NW. and SE.
- 40.11 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



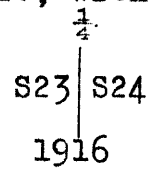
from which
 A cedar, 14 ins. diam., bears S.18°30'E., 91 lks. dist., marked 1/4 S25 BT, and
 A cedar, 10 ins. diam., bears N.74°W., 132 lks. dist., marked 1/4 S24 BT.

- 42.90 Ridge bears N. and S.
- 51.60 Wash, 15 lks. wide, 3 ft. deep, course N.
- 58.20 Leave timber, bearing N. and S.
- 64.30 Ridge bears N. and S.
- 67.75 Enter timber, bearing N. and S.
- 80.22 The cor. of secs. 23, 24, 25 and 26.

Land, rolling.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 23 and 24.
 Desc. N. slope, 175 ft., through dense timber and scrub oak undergrowth.

- 16.06 Wash, 12 lks. wide, 2 ft. deep, course N.60°E.
- 17.97 Wire fence bears N.70°W. and S.70°E.
- 18.77 Wash, 30 lks. wide, 3 ft. deep, course E.
- 30.57 Wire fence bears N.30°E. and S.30°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



from which
 A cedar, 8 ins. diam., bears S.45°35'E., 130 lks. dist., marked 1/4 S24 BT, and
 A cedar, 12 ins. diam., bears N.9°25'W., 70 lks. dist., marked 1/4 S23 BT.

- 52.50 Wire fence bears NW. and SE.
- 53.88 Road bears N.60°W. and S.60°E.
- 56.28 South bank of Wright Creek, course NW.
- 63.78 North bank of same. Asc. 120 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap, marked

Chains

T23N	R12W
S14	S13
S23	S24

1916

from which

A cedar, 9 ins. diam., bears N.61°40'E., 6.00 chs. dist., marked T23N R12W S13 BT,
 A cedar, 7 ins. diam., bears S.61°40'E., 6.05 chs. dist., marked T22N R12W S24 BT,
 A cedar, 10 ins. diam., bears S.13°35'W., 490 lks. dist., marked T22N R12W S23 BT, and
 A cedar, 12 ins. diam., bears N.68°30'W., 490 lks. dist., marked T22N R12W S14 BT,

Land, rolling and rolling mountainous.
 Soil, gravelly and stony; 4th rate.
 Timber, cedar.
 Undergrowth, scrub oak.
 Grass, fair.

40.00 N.89°59'E., on a random line, bet. secs. 13 and 24.
 80.24 Set temp. 1/4 sec. cor.
 Intersect E. bdy. of Tp. 11 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence S.89°54'W., on a true line, bet. secs. 13 and 24, over rolling mountainous land, through timber and undergrowth.
 11.40 Ridge bears N. and S. Desc. 60 ft.
 17.25 Wash, 15 lks. wide, 2 ft. deep, course N.20°W. Asc. 75 ft.
 24.65 Spur slopes N. Desc. 100 ft.
 35.25 Leave timber, bearing NE. and SW.
 40.12 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 13
1/4 -----
S 24
1916

from which
 A cedar, 8 ins. diam., bears S.33°30'E., 334 lks. dist., marked 1/4 S24 BT, and
 A cedar, 12 ins. diam., bears N.6°E., 226 lks. dist., marked 1/4 S13 BT.
 47.80 Wash, 20 lks. wide, 2 ft. deep, course N.45°E.
 57.25 Enter timber, bearing N. and S.
 68.25 Ridge bearing N. and S.
 80.24 The cor. of secs. 13, 14, 23 and 24.

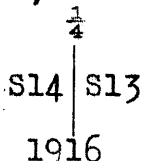
Land, rolling mountainous and rolling.
 Soil, gravelly and stony; 4th rate.
 Timber, cedar.
 Undergrowth, scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 13 and 14,
 over rolling land, through very scant timber and undergrowth.
 5.00 Ridge bears N.30°W. and S.30°E.
 18.20 Wash, 8 lks. wide, 2 ft. deep, course NW.
 25.00 Enter timber and undergrowth of denser growth, bearing E. and W.
 27.50 Spur slopes N.20°W.
 38.97 Draw, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Subdivision of T. 23 N., R. 12 W.

Chains

ground, for 1/4 sec. cor., with brass cap, marked



from which

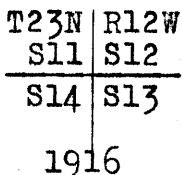
A cedar, 12 ins. diam., bears S.18°45'W., 276 lks. dist., marked 1/4 S14 BT, and

A piñon, 7 ins. diam., bears N.74°E., 236 lks. dist., marked 1/4 S13 BT.

53.00 Ridge bears N.30°W. and S.30°E.

69.77 Wash, 10 lks. wide, 1 ft. deep, course NW.

80.00 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



from which

A cedar, 8 ins. diam., bears N.73°30'E., 424 lks. dist., marked T23N R12W S12 BT,

A cedar, 14 ins. diam., bears S.14°30'E., 250 lks. dist., marked T23N R12W S13 BT,

A cedar, 12 ins. diam., bears S.74°40'W., 512 lks. dist., marked T23N R12W S14 BT, and

A cedar, 14 ins. diam., bears N.52°45'W., 11.05 chs. dist., marked T23N R12W S11 BT.

Land, rolling.

Soil, gravelly and stony; 3rd and 4th rate.

Timber, cedar.

Undergrowth, scrub oak.

Grass, fair.



40.00 N.89°54'E., on a random line, bet. secs. 12 and 13.
Set temp. 1/4 sec. cor.

80.36 Intersect E. bdy. of Tp. 11 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.

Thence S.89°59'W., on a true line, bet. secs. 12 and 13, over rolling land, through timber and undergrowth.

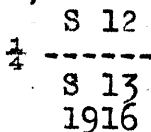
15.65 Wash, 20 lks. wide, 6 ft. deep, course NW.

18.75 Wash, 10 lks. wide, 2 ft. deep, course N.

29.40 Leave timber, bearing N. and S.

32.90 Ridge bears N.20°E. and S.20°W.

40.18 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, 6 ins. diam., bears S.63°05'E., 419 lks. dist., marked 1/4 S13 BT, and

A cedar, 7 ins. diam., bears N.53°45'E., 111 lks. dist., marked 1/4 S12 BT.

41.43 Head of wash, course N.

46.40 Spur slopes N.

55.10 Wash, 10 lks. wide, 2 ft. deep, course N.30°E.

68.85 Spur slopes N.20°E.

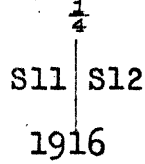
80.36 The cor. of secs. 11, 12, 13 and 14.

Land, rolling. Soil, gravelly and rocky; 3rd and 4th rate.
Timber, cedar. Undergrowth, scrub oak. Grass, fair.



Chains

40.00 N.0°01'W., bet. secs. 11 and 12,
over Flat SW. slope, through scant timber and undergrowth.
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 S.68°35'E., 607 lks. dist.,
marked $\frac{1}{4}$ S12 BT, and

A cedar, 7 ins. diam., bears S.89°30'W., 486 lks. dist.,
marked $\frac{1}{4}$ S11 BT.

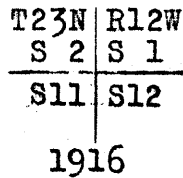
47.00 Road from Carrow's ranch to Nelson bears NE. and SW.

58.00 Enter denser growth of timber, bearing NW. and SE.

71.00 Spur slopes W.

74.80 Wash, 10 lks. wide, 2 ft. deep, course W.

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



from which

A cedar, 8 ins. diam., bears N.76°40'E., 139 lks. dist.,
marked T23N R12W S1 BT,

A cedar, 10 ins. diam., bears S.49°15'E., 226 lks. dist.,
marked T23N R12W S12 BT,

A cedar, 8 ins. diam., bears S.23°20'W., 153 lks. dist.,
marked T23N R12W S11 BT, and

A cedar, 10 ins. diam., bears N.79°05'W., 50 lks. dist.,
marked T23N R12W S2 BT.

Land, rolling.

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

Timber, cedar.

Undergrowth, scrub oak.

Grass, fair.

40.00 N.89°59'E., on a random line, bet. secs. 1 and 12.

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

Intersect E. bdy. of Tp. 5 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'W., on a true line, bet. secs. 1 and 12,
over rolling land, through scattering timber and under-
growth.

3.10 Wash, 10 lks. wide, 1 ft. deep, course N.

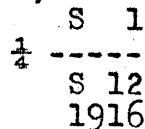
5.75 Ridge bears N. and S.

13.38 Wash, 20 lks. wide, 2 ft. deep, course N.

26.45 Ridge bears NE. and SW.

38.75 Wash, 10 lks. wide, 3 ft. deep, course NE.

40.18 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 S.7°20'W., 346 lks. dist.,
marked $\frac{1}{4}$ S12 BT, and

A cedar, 6 ins. diam., bears N.61°40'W., 383 lks. dist.,
marked $\frac{1}{4}$ S1 BT.

40.58 Road from Carrow's ranch to Nelson bears NE. and SW.

Subdivision of T. 23 N., R. 12 W.

Chains

48.36
68.15
80.36

Enter heavier growth of timber.
Ridge bears S.30°E. and N.30°W.
The cor. of secs. 1, 2, 11 and 12.

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, cedar.
Undergrowth, scrub oak.
Grass, fair.

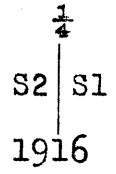
40.00
77.98

N.0°01'W., on a random line, bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp. 28 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence S.0°11'W., on a true line, bet. secs. 1 and 2, over rolling mountainous land, through timber and undergrowth. Asc.

.23
13.37
33.07
34.53
37.98

Dim road bears NE. and SW.
Leave timber, bearing E. and W.
Enter timber.
Ridge, 325 ft. above sec. cor., bears NE. and SW. Desc.
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 piñon, 7 ins. diam., bears S.71°35'E., 45 lks. dist., marked $\frac{1}{4}$ S1 BT, and
A piñon, 14 ins. diam., bears N.65°W., 167 lks. dist., marked $\frac{1}{4}$ S2 BT.

42.15
46.00
77.98

Head of wash, 85 ft. below ridge, course S.40°W. Asc. 60 ft.
Ridge bears NE. and SW. Desc. 130 ft., gradually.
The cor. of secs. 1, 2, 11 and 12.

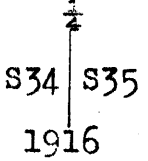
Land, mountainous.
Soil, rocky; 4th rate.
Timber, cedar and piñon.
Undergrowth, scrub oak.
Grass, fair.

From the cor. of secs. 34 and 35, on S. bdy. of Tp., described in Book E,

N.0°01'W., bet. secs. 34 and 35, over mountainous land, through scattering timber and dense undergrowth. Asc. 30 ft. along SE. slope of high ridge.

9.00
33.60
38.20
40.00

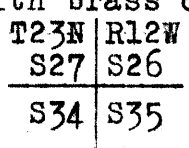
Ridge bears NE. and SW. Desc. 185 ft.
Wash, 15 lks. wide, 5 ft. deep, course NE.
Spur slopes NE.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground), for $\frac{1}{4}$ sec. cor., with brass cap, marked



Chains

from which
 A cedar, 8 ins. diam., bears N.16°45'E., 104 lks. dist., marked $\frac{1}{4}$ S35 BT, and
 A cedar, 6 ins. diam., bears S.82°30'W., 164 lks. dist., marked $\frac{1}{4}$ S34 BT.

47.80 Wash, 20 lks. wide, 4 ft. deep, course E. Asc. 170 ft.
 76.80 Ridge bears NE. and 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. 26, 27, 34 and 35, with brass cap, marked



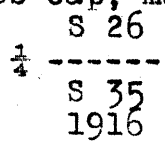
1916

from which
 A cedar, 18 ins. diam., bears N.48°15'E., 131 lks. dist., marked T23N R12W S26 BT,
 A cedar, 6 ins. diam., bears S.32°05'E., 145 lks. dist., marked T23N R12W S35 BT,
 A cedar, 5 ins. diam., bears S.67°35'W., 225 lks. dist., marked T23N R12W S34 BT, and
 A cedar, 8 ins. diam., bears N.48°25'W., 67 lks. dist., marked T23N R12W S27 BT.

Land, rolling and mountainous.
 Soil, rocky; 3rd and 4th rate.
 Undergrowth, cedar, chamizo and scrub oak.
 Timber, cedar and piñon.
 Grass, fair.

40.00 N.89°58'E., on a random line, bet. secs. 26 and 35.
 79.92 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 7 lks. N. of the cor. of secs. 25, 26, 35 and 36.

17.75 Thence N.89°59'W., on a true line, bet. secs. 26 and 35.
 27.40 Asc. 110 ft., through timber and undergrowth.
 39.96 Ridge bears NE. and SW. Desc. 75 ft.
 Wash, 20 lks. wide, 3 ft. deep, course NE. Asc.
 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



from which
 A cedar, 6 ins. diam., bears S.37°50'E., 51 lks. dist., marked $\frac{1}{4}$ S35 BT, and
 A cedar, 12 ins. diam., bears N.52°40'W., 66 lks. dist., marked $\frac{1}{4}$ S26 BT.

64.90 Ridge bears N.70°E. and S.70°W. Continue ascent 40 ft.
 79.92 The cor. of secs. 26, 27, 34 and 35.

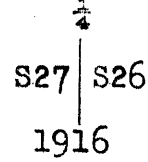
Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

29.90 N.0°01'W., bet. secs, 26 and 27.
 Desc. through dense timber and undergrowth.
 Leave dense timber, bearing NE. and SW.; thence through scattering timber.
 31.90 Desc. abruptly, over large granite boulders.

Subdivision of T. 23 N., R. 12 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

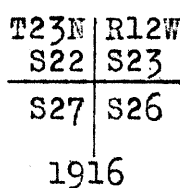


from which
A piñon, 5 ins. diam., bears N.26°E., 272 lks. dist., marked $\frac{1}{4}$ S26 BT, and
A piñon, 14 ins. diam., bears S.88°25'W., 341 lks. dist., marked $\frac{1}{4}$ S27 BT.

62.95 Wash, 625 ft. below sec. cor., 8 lks. wide, 1 ft. deep, course N.70°W. Asc.

66.60 Low spur slopes W. Desc 85 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap, marked



from which
A cedar, 12 ins. diam., bears N.51°45'E., 101 lks. dist., marked T23N R12W S23 BT,
A cedar, 6 ins. diam., bears S.71°E., 148 lks. dist., marked T23N R12W S26 BT,
A cedar, 6 ins. diam., bears S.45°40'W., 132 lks. dist., marked T23N R12W S27 BT, and
A cedar, 8 ins. diam., bears N.37°20'W., 133 lks. dist., marked T23N R12W S22 BT.

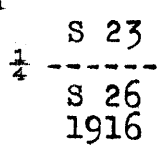
Land, mountainous.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, palo verde and scrub oak.
Grass, fair.

S.89°59'E., on a random line, bet. secs. 23 and 26.
40.00 Set temp. $\frac{1}{4}$ sec. cor.,
79.98 Intersect N. and S. line at the cor. of secs. 23, 24, 25 and 26.

Thence N.89°59'W., on a true line, bet. secs. 23 and 26.
Desc. 90 ft., along N. slope, through dense timber and undergrowth.

13.18 Wash, 15 lks. wide, 3 ft. deep, course N. Asc.
13.70 Prospect hole, 30 lks. S. of line.
16.83 Ridge, 75 ft. above wash, bears N. and S. desc. 20 ft.
21.02 Head of wash, course N.; asc. 50 ft.
27.30 Ridge bears N. and S. Desc. 50 ft.
37.16 Wash, 20 lks. wide, 5 ft. deep, course N.

Thence desc. steep, rocky, NE. slope.
39.99 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, 5 ins. diam., bears N.31°40'E., 115 lks. dist., marked $\frac{1}{4}$ S23 BT, and
A mountain ash, 5 ins. diam., bears S.74°E., 332 lks. dist., marked $\frac{1}{4}$ S26 BT.

47.56 Tunnel of mining prospect bears N.23°E. 136 lks. dist.

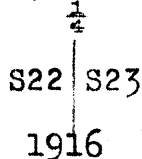
Chains

60.20 Ridge, 230 ft. above wash, bears N. and S. Desc. 250 ft., over steep N. to NW. slope.
 74.50 Wash, 12 lks. wide, 3 ft. deep, course N.30°W. Asc.
 76.60 Ridge bears N. and S. Desc. 25 ft.
 79.98 The cor. of secs. 22, 23, 26 and 27.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 22 and 23.
 Desc. NW. slope, through cedar timber and dense oak undergrowth.

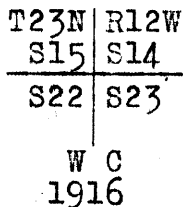
12.40 Enter wash, 30 lks. wide, 4 ft. deep, course N. from SW.
 14.50 Leave same, course N.45°E.
 19.90 Spur slopes NE. Desc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which
 A cedar, 12 ins. diam., bears N.13°45'E., 118 lks. dist., marked $\frac{1}{4}$ S23 BT, and
 A cedar, 12 ins. diam., bears N.21°W., 67 lks. dist., marked $\frac{1}{4}$ S22 BT.

43.70 Wire fence bears N.70°W. and S.70°E.
 76.09 Wash, 190 ft. below spur, 15 lks. wide, 2 ft. deep, course NE.

79.00 Enter wash, 30 lks. wide, 3 ft. deep, course N. from SW.
 80.00 Point for cor. falls in wash. Therefore at
 80.70 On left side of wash,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 14, 15, 23 and 22, with brass cap, marked



from which
 An oak, 5 ins. diam., bears N.73°30'E., 119 lks. dist., marked T23N R12W S14 BT,
 A cedar, 10 ins. diam., bears S.60°50'E., 246 lks. dist., marked T23N R12W S23 BT,
 A cedar, 12 ins. diam., bears S.30°50'W., 211 lks. dist., marked T23N R12W S22 BT, and
 A cedar, 5 ins. diam., bears N.81°20'W., 136 lks. dist., marked T23N R12W S15 BT.

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

40.00 From the true point for cor. of secs. 14, 15, 22 and 23, S.89°59'E., on a random line, bet. secs. 14 and 23.
 80.02 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.

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

Subdivision of T. 23 N., R. 12 W.

Chains

4.50 over rolling land, through timber and undergrowth.
 Desc. 125 ft.

20.10 Right bank of Wright Creek, course N.30°W., bank 4 ft. high.

22.90 Left bank of same.
 Wire fence bears N.60°W. and S.60°E.

30.90 Road bears NW. and SE.

40.01 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 14
 $\frac{1}{4}$ -----
 S 23
 1916

from which
 A cedar, 36 ins. diam., bears S.32°35'E., 218 lks. dist., marked $\frac{1}{4}$ S23 BT, and
 A cedar, 18 ins. diam., bears N.18°50'E., 210 lks. dist., marked $\frac{1}{4}$ S14 BT.

52.90 Wash, 75 lks. wide, 10 ft. deep, course N.

62.90 Wood road bears N. and S.

78.90 Wash, 15 lks. wide, 2 ft. deep, course N.20°E.

79.90 Enter wash, course N.30°E.

80.02 The true point for cor. of secs. 14, 15, 22 and 23, which is 70 lks. S.0°1'E. of W.C.
 Land, rolling.
 Soil, gravelly; 3rd and 4th rate.
 Timber, cedar.
 Undergrowth, dense scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 14 and 15,
 from true point for cor. of secs. 14, 15, 22 and 23:
 over rolling N. slope, through dense timber and undergrowth. Across wash.

.40 Leave wash, course N.30°E.

.70 Witness cor. to cor. of secs. 14, 15, 22 and 23, hereinbefore described.

10.00 Leave dense timber and enter scattering timber.

17.60 Wash, 12 lks. wide, 2 ft. deep, course N.30°E.

38.50 Wash, 25 lks. wide, 3 ft. deep, course N.30°E.

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

$\frac{1}{4}$
 S15 | S14
 1916

from which
 A cedar, 28 ins. diam., bears S.34°40'E., 40 lks. dist., marked $\frac{1}{4}$ S14 BT, and
 A cedar, 30 ins. diam., bears N.2°35'W., 524 lks. dist., marked $\frac{1}{4}$ S15 BT.

57.80 Road bears NW. and SE.

62.20 Wire fence bears N.30°W. and S.30°E.
 Left bank of Wright Creek, 6 ft. high, course N.25°W.; containing stream, 10 lks. wide, 2 ins. deep.

63.10 Main channel of creek, wash, 2 $\frac{1}{2}$ chs. wide.

70.10 Wire fence bears N.20°W. and S.20°E.

71.80 Leave wash, N. bank of creek; and asc. SW. slope over granite boulders.

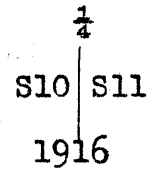
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

T23N | R12W
 S10 | S11
 S15 | S14
 1916

from which
 A cedar, 8 ins. diam., bears N.13°20'E., 149 lks. dist.,

Subdivision of T. 23 N., R. 12 W.

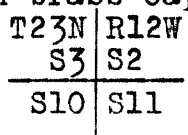
Chains



from which
 A cedar, 14 ins. diam., bears S.52°10'E., 91 lks. dist., marked $\frac{1}{4}$ S11 BT, and
 A cedar, 18 ins. diam., bears N.39°15'W., 100 lks. dist., marked $\frac{1}{4}$ S10 BT.

45.80
 65.95
 80.00

Ridge bears N.50°W. and S.50°E.
 Wash, 20 lks. wide, 2 ft. deep, course SW.
 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. 2, 3, 10 and 11, with brass cap, marked



1916

from which
 A cedar, 10 ins. diam., bears N.66°40'E., 133 lks. dist., marked T23N R12W S2 BT,
 A cedar, 10 ins. diam., bears S.59°50'E., 137 lks. dist., marked T23N R12W S11 BT,
 A cedar, 10 ins. diam., bears S.80°W., 148 lks. dist., marked T23N R12W S10 BT, and
 A cedar, 12 ins. diam., bears N.9°15'W., 115 lks. dist., marked T23N R12W S3 BT.

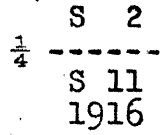
Land, rolling.
 Soil, rocky and gravelly; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

40.00
 80.04

N.89°58'E., on a random line, bet. secs. 2 and 11.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line at the cor. of secs. 1, 2, 11 and 12.

32.96
 38.87
 40.02

Thence S.89°58'W., on a true line, bet. secs. 2 and 11, over broken S. to SW. slope, through cedar timber and oak undergrowth.
 Wash, 20 lks. wide, 4 ft. deep, course N.30°W.
 Old road bears N.30°W. and S.30°E.
 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 S.9°50'E., 107 lks. dist., marked $\frac{1}{4}$ S11 BT, and
 A cedar, 10 ins. diam., bears N.10°20'E., 79 lks. dist., marked $\frac{1}{4}$ S2 BT.

49.00
 52.15
 61.50
 67.22
 80.04

Spur slopes N.
 Wash, 10 lks. wide, 2 ft. deep, course N.
 Spur slopes N.
 Wash, 20 lks. wide, 2 ft. deep, course N.
 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.
 Soil, gravelly and rocky; 3rd and 4th rate.
 Timber, cedar and piñon.
 Undergrowth, scrub oak.
 Grass, fair.

Chains

40.00 N.0°01'W., on a random line, bet. secs. 2 and 3.
 Set temp. $\frac{1}{4}$ sec. cor.
 77.79 Intersect N. bdy. of Tp. 30 lks. W. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, 3 ins. diam., with brass cap, marked, set and witnessed as described by the surveyor general.

Thence S.0°12'W., on a true line, bet. secs. 2 and 3, over rolling mountainous land, through cedar timber and oak undergrowth.
 7.20 Ridge, in saddle, bears NW. and SE. Desc. 150 ft.
 27.85 Same ridge, bearing NE. and SW. Desc.
 37.79 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

$\frac{1}{4}$
 S3 | S2
 1916

from which
 A cedar, 6 ins. diam., bears N.81°45'E., 50 lks. dist., marked $\frac{1}{4}$ S2 BT, and
 A cedar, 8 ins. diam., bears S.64°25'W., 64 lks. dist., marked $\frac{1}{4}$ S3 BT.
 51.10 Same ridge, 260 ft. below 27.85 ch. pt., bears S.30°W. and N.30°E. Desc. 180 ft.
 77.79 The cor. of secs. 2, 3, 10 and 11

Land, rolling and rolling mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, scrub oak.
 Grass, fair.

From the cor. of secs. 33 and 34, on S. bdy. of Tp., described in Book E,

N.0°02'W., bet. secs. 33 and 34.
 Desc. gradually, over rolling land, through cedar timber and dense oak undergrowth.
 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

$\frac{1}{4}$
 S33 | S34
 1916

from which
 A cedar, 8 ins. diam., bears S.37°45'E., 53 lks. dist., marked $\frac{1}{4}$ S34 BT, and
 A cedar, 10 ins. diam., bears S.50°30'W., 164 lks. dist., marked $\frac{1}{4}$ S33 BT.

41.00 Wash, 470 ft. below sec. cor., 10 lks. wide, course W. Asc. 30 ft.
 44.00 Spur slopes W. Desc. 45 ft.
 47.83 Wash, 10 lks. wide, 2 ft. deep, course N.85°W. Asc. 105 ft.
 57.20 Spur slopes N.85°W. Desc. 280 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked

T23N | R12W
 S28 | S27
 S33 | S34
 1916

from which

Subdivision of T. 23 N., R. 12 W.

Chains

A cedar, 8 ins. diam., bears N.63°E., 259 lks. dist., marked T23N R12W S27 BT,
 A cedar, 6 ins. diam., bears S.62°50'E., 194 lks. dist., marked T23N R12W S34 BT,
 A cedar, 9 ins. diam., bears S.82°10'W., 93 lks. dist., marked T23N R12W S33 BT, and
 A cedar, 9 ins. diam., bears N.59°20'W., 372 lks. dist., marked T23N R12W S28 BT.

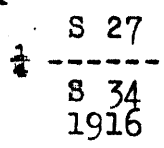
Land, rolling hills.
 Soil, rocky; 4th rate.
 Timber, scattering cedar.
 Undergrowth, dense oak brush.

40.00
79.96

N.89°58'E., on a random line, bet. secs. 27 and 34.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line 2' lks. S. of the cor. of secs. 26, 27, 34, and 35.

17.35
21.90
38.95
39.98

Thence S.89°57'W., on a true line, bet. secs. 27 and 34.
 Asc. 100 ft., on general E. slope, through dense timber and undergrowth.
 Divide bears N. and S. Desc.
 Leave dense timber, bearing N. and S. Thence through scattering timber.
 Wash, 485 ft. below divide, 10 lks. wide, 2 ft. deep, course NW.
 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



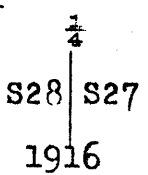
60.20
72.60
79.96

from which
 A cedar, 5 ins. diam., bears N.11°25'W., 778 lks. dist., marked 1/4 S27 BT, and
 A piñon, 8 ins. diam., bears S.58°05'E., 611 lks. dist., marked 1/4 S34 BT.
 Spur slopes N. Desc. 150 ft.
 Wash, 10 lks. wide, 2 ft. deep, course N.40°W.
 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar and scattering piñon.
 Undergrowth, scrub oak.
 Grass, fair.

8.32
28.47
40.00

N.0°02'W., bet. secs. 27 and 28,
 over rolling land, through scattering timber and dense undergrowth.
 Wash, 10 lks. wide, 3 ft. deep, course N.40°E.
 Wash, 20 lks. wide, 1 ft. deep, course W.
 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 1/4 sec. cor., with brass cap, marked



from which
 A cedar, 8 ins. diam., bears S.59°10'E., 105 lks. dist., marked 1/4 S27 BT, and

Chains

41.30 A cedar, 6 ins. diam., bears N.51°55'W., 20 lks. dist.,
marked $\frac{1}{4}$ S28 BT.
80.00 Wash, 10 lks. wide, course W.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 21, 22, 27 and 28, with brass
cap, marked

T23N	R12W
S21	S22
S28	S27

1916

from which

A cedar, 6 ins. diam., bears N.66°15'E., 36 lks. dist.,
marked T23N R12W S22 BT,
A cedar, 8 ins. diam., bears S.10°15'E., 115 lks. dist.,
marked T23N R12W S27 BT,
A cedar, 8 ins. diam., bears S.83°30'W., 148 lks. dist.,
marked T23N R12W S28 BT, and
A cedar, 8 ins. diam., bears N.21°35'W., 113 lks. dist.,
marked T23N R12W S21 BT.

Land, rolling.

Soil, rocky; 4th rate.
Timber, scattering cedar.
Undergrowth, scrub oak.

40.00 N.89°57'E., on a random line, bet. secs. 22 and 27.
79.88 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 5 lks. S. of the cor. of secs.
22, 23, 26 and 27.

4.60 Thence S.89°55'W., on a true line, bet. secs. 22 and 27,
19.00 through dense undergrowth and scattering cedar timber.
20.90 Desc. 60 ft.

Wash, 15 lks. wide, 3 ft. deep, course NE. Asc. 70 ft.
Spur slopes NE.

Wash, 10 lks. wide, 3 ft. deep, course NE. Enter very
scattering timber, bearing N. and S. Asc. 170 ft.

31.10 Divide bears S. and W. Desc. along top:

39.94 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

S 22
$\frac{1}{4}$ -----
S 27
1916

from which

A cedar, 6 ins. diam., bears N.52°15'E., 167 lks. dist.,
marked $\frac{1}{4}$ S22 BT, and
A cedar, 5 ins. diam., bears S.64°E., 16 lks. dist.,
marked $\frac{1}{4}$ S27 BT.

40.00 Leave divide, which bears E. and N. Desc. W. slope.

46.25 Enter dense timber, bearing N. and S.

60.80 Wash, 340 ft. below 31.10 ch. pt., 8 lks. wide, 1 ft. deep,
course NW.

68.60 Ridge bears NW. and SE.

79.88 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, chamizo and scrub oak.
Grass, fair.

Subdivision of T. 23 N., R. 12 W.

Chains

N.0°02'W., bet. secs. 21 and 22,
 over broken land, through timber and undergrowth.

6.00 Ridge bears E. and W.
 19.13 Wash, 50 lks. wide, 3 ft. deep, course NW.
 31.50 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

$\frac{1}{4}$
 S21 | S22
 1916

from which
 A cedar, 6 ins. diam., bears S.31°25'E., 72 lks. dist.,
 marked $\frac{1}{4}$ S22 BT, and
 A cedar, 8 ins. diam., bears N.42°W., 222 lks. dist.,
 marked $\frac{1}{4}$ S21 BT.

44.25 Road from Carrow's ranch to Hackberry bears E. and W.
 45.15 Wash, 25 lks. wide, 3 ft. deep, course W.
 62.50 Ridge bears S.50°W. and N.50°E.
 70.57 Wash, 6 lks. wide, 1 ft. deep, course W.
 75.55 Divide bears N.30°W. and SE. Low saddle bears SE., 5 chs.
 dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in
 the ground, surrounded by a mound of stone, (impractic-
 able to set post farther in the ground) for cor. of secs.
 15, 16, 21 and 22, with brass cap, marked

T23N | R12W
 S16 | S15
 S21 | S22
 1916

from which
 A cedar, 6 ins. diam., bears N.51°55'E., 250 lks. dist.,
 marked T23N R12W S15 BT,
 A cedar, 7 ins. diam., bears S.53°25'E., 157 lks. dist.,
 marked T23N R12W S22 BT,
 A cedar, 6 ins. diam., bears S.78°35'W., 158 lks. dist.,
 marked T23N R12W S21 BT, and
 A cedar, 8 ins. diam., bears N.40°10'W., 268 lks. dist.,
 marked T23N R12W S16 BT.

Land, broken and rolling mountainous
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.

N.89°55'E., on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line 5 lks. N. of the true point for
 cor. of secs. 14, 15, 22 and 23, which is 70 lks. S.0°1'E. of
 WC.

Thence S.89°57'W., on a true line, bet. secs. 15 and 22,
 over rolling land, through timber and undergrowth;
 across wash.

.13 Leave wash, course N.30°E.
 1.60 Leave timber and undergrowth, bearing N. and S.
 5.10 Wash, 20 lks. wide, 3 ft. deep, course N. Asc.
 11.20 Wire fence bears N. and S.
 14.53 Road bears NE. and SW.
 15.10 Enter timber bearing N. and S.
 37.90 Ridge, 225 ft. above wash, bears N.30°W. and S. Desc.
 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 15
 $\frac{1}{4}$ -----
 S 22
 1916

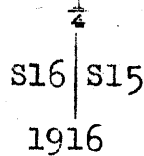
from which

Chains

46.45 A cedar, 10 ins. diam., bears S.12°15'E., 154 lks. dist., marked $\frac{1}{4}$ S22 BT, and
 A cedar, 14 ins. diam., bears N.24°30'W., 255 lks. dist., marked $\frac{1}{4}$ S15 BT.
 Wash, 120 ft. below ridge, 10 lks.wide, 2 ft. deep, course N.70°W. Asc. gradually, 30 ft.
 62.65 Ridge nears N.20°W. and S.20°E. Desc. 120 ft.
 71.30 Wire fence bears N. and S.
 72.90 Wash, 20 lks. wide, 3 ft. deep, course N.15°E. Asc. 90 ft.
 79.88 The cor. of secs. 15, 16, 21 and 22.

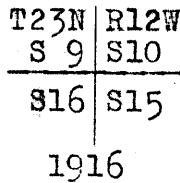
Land, rolling and mountainous.
 Soil, rocky and gravelly; 3rd and 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and scrub oak.
 Grass, fair.

7.90 N.0°02'W., bet. secs. 15 and 16,
 ascending gradually on SE. slope, through cedar timber
 and oak undergrowth.
 40.00 Summit. Desc. gradually, on N. slope, along top of spur.
 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, 6 ins. diam., bears S.66°55'E., 135 lks. dist.,
 marked $\frac{1}{4}$ S15 BT, and
 A cedar, 12 ins. diam., bears N.32°10'W., 159 lks. dist.,
 marked $\frac{1}{4}$ S16 BT.

54.40 Wash, 280 ft. below summit, 35 lks. wide, 4 ft. deep, course
 West.
 59.42 Same wash, course NE.
 62.90 Spur slopes E.
 75.95 Same wash, 40 lks. wide, 6 ft. deep, course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 9, 10, 15 and 16, with brass
 cap, marked



from which
 A cedar, 14 ins. diam., bears N.13°15'E., 92 lks. dist.,
 marked T23N R12W S10 BT,
 A cedar, 8 ins. diam., bears S.22°30'E., 190 lks. dist.,
 marked T23N R12W S15 BT,
 A cedar, 12 ins. diam., bears S.68°50'W., 399 lks. dist.,
 marked T23N R12W S16 BT, and
 A cedar, 14 ins. diam., bears N.51°10'W., 158 lks. dist.,
 marked T23N R12W S9 BT.

Land, rolling and broken.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, scrub oak and chamizo.

40.00 N.89°57'E., on a random line, bet. secs. 10 and 15.
 79.90 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 10, 11, 14 and 15.

Subdivision of T. 23 N., R. 12 W

Chains

Thence S.89°55'W., on a true line, bet. secs. 10 and 15, over rolling land, through timber and undergrowth.

9.70 Road from Carrow's ranch to Hackberry bears N. and SW.

10.10 Right bank of Wright Creek, 6 ft. high; Creek bed contains stream of water, 5 lks. wide, 2 ins. deep, course NW.

14.80 Left bank of same. Asc. 155 ft.

33.75 Ridge bears N. and S. Desc.

39.95 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

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

from which

A cedar, 14 ins. diam., bears N.66°E., 128 lks. dist., marked $\frac{1}{4}$ S10 BT, and

A cedar, 8 ins. diam., bears S.14°40'W., 137 lks. dist., marked $\frac{1}{4}$ S15 BT.

54.42 Wire fence bears NW. and SE.

56.40 Wash, 170 ft. below ridge, 10 lks. wide, 2 ft. deep, course NW. Asc. 80 ft.

69.20 Ridge bears N.30°W. and S.30°E. Desc. 100 ft.

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

Land, rolling and rolling mountainous.
 Soil, gravelly and rocky; 4th rate.
 Timber, cedar.
 Undergrowth, oak.
 Grass, fair.

N.0°02'W., bet. secs. 9 and 10.
 Asc. 70 ft., on gradual NW. slope, through cedar timber and oak undergrowth.

13.15 Ridge bears N.60°W. and S.60°E.

31.55 Wash, 20 lks. wide, 2 ft. deep, course N.60°W.

40.00 On ridge, bearing E. and W.,
 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

$\frac{1}{4}$
 S 9 | S10
 1916

from which

A cedar, 10 ins. diam., bears S.47°10'E., 123 lks. dist., marked $\frac{1}{4}$ S10 BT, and

A cedar, 18 ins. diam., bears N.16°50'W., 92 lks. dist., marked $\frac{1}{4}$ S9 BT.

48.98 Left bank of Wright Creek, 10 ft. high; course of creek, S.70°W.; no water.

51.28 Right bank of same. Asc. 155 ft.

71.80 Ridge, bears E. and W.

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

T23N | R12W
 S4 | S3

 S 9 | S10
 1916

from which

A cedar, 10 ins. diam., bears N.23°20'E., 481 lks. dist., marked T23N R12W S3 BT,
 A cedar, 10 ins. diam., bears S.32°35'E., 112 lks. dist., marked T23N R12W S10 BT,
 A cedar, 8 ins. diam., bears S.47°20'W., 650 lks. dist.,

Chains

marked T23N R12W S9 BT, and
A cedar, 6 ins. diam., bears N.58°45'W., 302 lks. dist.
marked T23N R12W S4 BT.

Land, rolling and rolling mountainous.
Soil, gravelly and rocky; 3rd and 4th rate.
Timber, cedar.
Undergrowth, catclaw and scrub oak.
Grass, fair.

40.00 N.89°56'E., on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect N. and S. line at the cor. of secs. 2, 3, 10
and 11.

8.10 Thence S.89°56'W., on a true line, bet. secs. 3 and 10,
over rolling land, through timber and undergrowth.
23.90 Wash, 20 lks. wide, 2 ft. deep, course N.
28.00 Spur slopes N.
Leave timber, bearing N. and S.; thence among occasional
cedar trees.
30.45 Wash, 15 lks. wide, 2 ft. deep, course N.30°W.
39.95 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 3
 $\frac{1}{4}$ -----
S 10
1916

48.00 from which
A cedar, 6 ins. diam., bears S.65°35'W., 271 lks. dist.,
marked $\frac{1}{4}$ S10 BT, and
A cedar, 12 ins. diam., bears N.13°55'E., 199 lks. dist.,
marked $\frac{1}{4}$ S3 BT.
52.62 Ridge bears NW. and SE.
Road from Carrow's ranch to Hackberry bears N.60°W. and
S.60°E.
56.92 Head of wash, course NW.
67.82 Road bears NW. and SE. (old).
79.90 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, scrub oak.
Grass, fair.

40.00 N.0°02'W., on a random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
77.91 Intersect N. bdy. of Tp. 5 lks. W. of the cor. of secs.
3, 4, 33 and 34, which is an iron post, 3 ins. diam.,
with brass cap, marked, set, and witnessed as described
by the surveyor general.

3.36 Thence South, on a true line, bet. secs. 3 and 4,
over rolling mountainous land, through timber and under-
growth. Desc. 20 ft.
21.00 Wash, 20 lks. wide, 2 ft. deep, course NW. Asc. 115 ft.
Ridge bears NW. and SE.
Road from Carrow's ranch to Hackberry bears NW. and SE.
Desc. 45 ft.
28.23 Wash, 40 lks. wide, 3 ft. deep, course NW. Asc.
37.91 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

Chains

1/4
S4 | S3

1916

from which

A cedar, 8 ins. diam., bears N.16°45'E., 770 lks. dist., marked 1/4 S3 BT, and

A cedar, 8 ins. diam., bears S.14°45'W., 630 lks. dist., marked 1/4 S4 BT.

52.50 Ridge, 150 ft. above wash, bears N.70°W. and S.70°E. Desc. 40 ft.

65.44 Wash, 12 lks. wide, 2 ft. deep, course NW. Asc. 50 ft.

72.31 Old road bears SE. and NW.

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

Land, rolling and rolling mountainous.
Soil, gravelly and rocky; 3rd and 4th rate.
Timber, cedar.
Undergrowth, scrub oak.
Grass, fair.

From the cor. of secs. 32 and 33, on S. bdy. of Tp., described in Book E,

N.0°03'W., bet. secs. 32 and 33, over mountainous land, through scattering timber and undergrowth. Asc. 100 ft.

9.55 Spur slopes N.70°W. Desc. 300 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 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

1/4
S32 | S33

1916

from which

A pine, 8 ins. diam., bears S.23°40'E., 37 lks. dist., marked 1/4 S33 BT, and

A cedar, 16 ins. diam., bears S.83°45'W., 31 lks. dist., marked 1/4 S32 BT.

51.00 Desc. 300 ft.

75.57 Gulch, course N.60°W. Asc. 65 ft.

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

T23N | R12W
S29 | S28

S32 | S33

1916

from which

A cedar, 6 ins. diam., bears N.87°E., 121 lks. dist., marked T23N R12W S28 BT,

A cedar, 10 ins. diam., bears S.77°45'E., 77 lks. dist., marked T23N R12W S33 BT,

A cedar, 6 ins. diam., bears S.66°25'W., 57 lks. dist., marked T23N R12W S32 BT, and

A cedar, 4 ins. diam., bears N.79°20'W., 79 lks. dist., marked T23N R12W S29 BT.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, scattering cedar.
Undergrowth, oak brush.

Chains

40.00 N.89°58'E., on a random line, bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
80.18 Intersect N. and S. line at the cor. of secs. 27, 28, 33
and 34.

Thence S.89°58'W., on a true line, bet. secs. 28 and 33,
over rolling, hilly land, through scattering timber and
undergrowth.

9.67 Spur slopes S.30°W. Desc.
21.05 Corral fence bears N.30°W. $3\frac{1}{2}$ chs. and S.30°E. $3\frac{1}{2}$ chs.
22.30 Gulch, course N.10°W. 110 ft. below spur.
Spring, known as Little Cottonwood Spring, with two wooden
water troughs, bears S., 1 ch. dist. Asc.
23.68 West fence of corral hereinbefore described, bears N.30°W.
and S.30°E.
32.40 Spur, 155 ft. above gulch, slopes N. Desc. 120 ft.
40.09 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor.,
(impracticable to set post farther in the ground),
with brass cap, marked

S 28
 $\frac{1}{4}$ -----
S 33
1916

from which

A cedar, 10 ins. diam., bears S.63°35'W., 78 lks. dist.
marked $\frac{1}{4}$ S33 BT, and

A cedar, 6 ins. diam., bears N.37°50'W., 130 lks. dist.
marked $\frac{1}{4}$ S28 BT.

52.44 Corral, 80 lks. in diam., bears S., 4 chs. dist.

62.45 Spur slopes N.60°W. Desc. 240 ft.

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

Land, rolling and hilly.

Soil, rocky; 4th rate.

Timber, scattering cedar.

Undergrowth, oak brush.

N.0°03'W., bet. secs. 28 and 29,
over hilly land, through scattering timber and undergrowth.
Asc. 70 ft.

8.00 Ridge bears NW. and SE. Desc. gradually.

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

$\frac{1}{4}$
S29 | S28
1916

from which

A cedar, 6 ins. diam., bears S.72°40'E., 136 lks. dist.,
marked $\frac{1}{4}$ S28 BT, and

A cedar, 7 ins. diam., bears N.17°25'W., 132 lks. dist.,
marked $\frac{1}{4}$ S29 BT.

55.87 Wash, 100 ft. below ridge, 20 lks. wide, 1 ft. deep, course
N.30°W.

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

T23N | R12W
S20 | S21

S29 | S28

1916

from which

A cedar, 12 ins. diam., bears N.61°55'E., 195 lks. dist.,
marked T23N R12W S21 BT,

A cedar, 8 ins. diam., bears S.70°40'E., 53 lks. dist.,
marked T23N R12W S28 BT,

Subdivision of T. 23 N., R. 12 W.

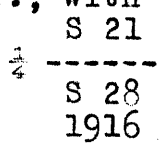
Chains

A cedar, 12 ins. diam., bears S.72°40'W., 123 lks. dist., marked T23N R12W S29 BT, and
A cedar, 8 ins. diam., bears N.39°05'W., 104 lks. dist., marked T23N R12W S20 BT.

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, oak.

40.00 N.89°58'E., on a random line, bet. secs. 21 and 28.
80.12 Set temp. 1/4 sec. cor.
Intersect N. and S. line at the cor. of secs. 21, 22, 27 and 28.

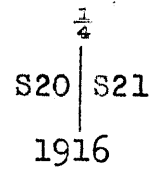
10.57 Thence S.89°58'W., on a true line, bet. secs. 21 and 28, over rolling land, through timber and undergrowth.
24.00 Wash, 15 lks. wide, 2 ft. deep, course NW.
32.75 Ridge bears N.30°W. and S.30°E. Desc. 80 ft.
40.06 Wash, 20 lks. wide, 4 ft. deep, course N.30°W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



from which
A cedar, 12 ins. diam., bears S.41°50'W., 59 lks. dist., marked 1/4 S28 BT, and
A cedar, 10 ins. diam., bears N.22°10'W., 66 lks. dist., marked 1/4 S21 BT.
49.00 Ridge bears N.30°W. and S.30°E.
54.08 Wash, 25 lks. wide, 5 ft. deep, course N.
80.12 The cor. of secs. 20, 21, 28 and 29.

Land, rolling and rolling mountainous.
Soil, gravelly and rocky; 4th rate.
Timber, cedar.
Undergrowth, chamizo and scrub oak.
Grass, fair.

40.00 N.0°03'W., bet. secs. 20 and 21.
Desc. gradually, on NE. slope, through timber and undergrowth.
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 1/4 sec. cor., with brass cap, marked



from which
A cedar, 16 ins. diam., bears S.68°35'E., 150 lks. dist., marked 1/4 S21 BT, and
A cedar, 8 ins. diam., bears N.84°20'W., 128 lks. dist., marked 1/4 S20 BT.
43.80 Road from Carrow's ranch to Hackberry bears E. and W.
45.37 Wash, 20 lks. wide, 3 ft. deep, course W. Thence along SW. and W. slope.
71.75 Ridge bears N.20°W. and S.20°E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 16, 17, 20 and 21, with brass cap, marked

Chains

T23N	R12W
S17	S16
S20	S21

1916

from which
 A cedar, 6 ins. diam., bears N.43°25'E., 85 lks. dist., marked T23N R12W S16 BT,
 A cedar, 12 ins. diam., bears S.30°05'E., 96 lks. dist., marked T23N R12W S21 BT,
 A cedar, 8 ins. diam., bears S.62°45'W., 40 lks. dist., marked T23N R12W S20 BT, and
 A cedar, 8 ins. diam., bears N.46°35'W., 62 lks. dist., marked T23N R12W S17 BT.

Land, rolling and rolling mountainous.
 Soil, gravelly and rocky; 3rd and 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and oak.
 Grass, fair.

40.00 N.89°58'E., on a random line, bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line at the cor. of secs. 15, 16, 21 and 22.

Thence S.89°58'W., on a true line, bet. secs. 16 and 21, over rolling mountainous land, through timber and undergrowth.
 .30 Ridge bears NW. and S.30°E.
 5.40 Same ridge bears NE. and SW. Desc. 75 ft.
 17.35 Head of wash, course N. Asc. 70 ft.
 30.20 Spur slopes N.15°E. Desc.
 40.05 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 16
$\frac{1}{4}$ -----
S 21

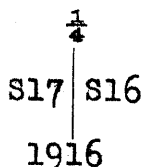
1916

from which
 A cedar, 10 ins. diam., bears S.27°55'W., 258 lks. dist., marked $\frac{1}{4}$ S21 BT, and
 A cedar, 8 ins. diam., bears N.36°50'W., 339 lks. dist., marked $\frac{1}{4}$ S16 BT.
 42.70 Head of wash, 120 ft. below spur, course NW. Asc.
 46.20 Same ridge bears NW. and SE. Desc. 95 ft.
 58.25 Wash, 25 lks. wide, 5 ft. deep, course NW. Asc. 20 ft.
 63.63 Spur slopes NW. Desc. 10 ft.
 68.20 Wash, 10 lks. wide, 2 ft. deep, course N.30°W. Asc. 50 ft.
 80.10 The cor. of secs. 16, 17, 20 and 21.

Land, rolling mountainous.
 Soil, gravelly and rocky; 4th rate.
 Timber, cedar.
 Undergrowth, chamizo and oak.
 Grass, fair.

N.0°03'W., bet. secs. 16 and 17, over hilly country, through timber and undergrowth. Desc. gradually, 85 ft.
 13.22 Wash, 30 lks. wide, 2 ft. deep, course N.30°W. Asc. 105 ft.
 27.00 Ridge bears E. and W. Desc.
 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

Chains



from which

A cedar, 8 ins. diam., bears N.75°15'E., 149 lks. dist., marked $\frac{1}{4}$ S16 BT, and

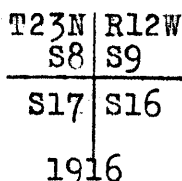
A cedar, 8 ins. diam., bears S.56°55'W., 61 lks. dist., marked $\frac{1}{4}$ S17 BT.

47.00 Wash, .44 ft. below ridge, 10 lks. wide, 1 ft. deep, course N.85°W. Asc. 15 ft.

53.80 Spur slopes N.30°W. Desc. 110 ft.

79.50 Wash, 20 lks. wide, 1 ft. deep, course N.20°E.

80.00 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



from which

A cedar, 14 ins. diam., bears N.44°15'E., 49 lks. dist., marked T23N R12W S9 BT,

A cedar, 6 ins. diam., bears S.15°55'E., 185 lks. dist., marked T23N R12W S16 BT,

A cedar, 20 ins. diam., bears S.71°05'W., 118 lks. dist., marked T23N R12W S17 BT, and

A cedar, 20 ins. diam., bears N.31°30'W., 133 lks. dist., marked T23N R12W S8 BT.

Land, rolling hills.

Soil, rocky; 4th rate.

Timber, scattering cedar.

Undergrowth, oak brush.

40.00 N.89°58'E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line 6 lks. S. of the cor. of secs. 9, 10, 15 and 16.

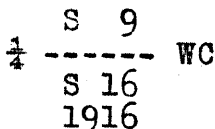
Thence S.89°55'W., on a true line, bet. secs. 9 and 16, over rolling land, through timber and undergrowth. Desc. 35 ft.

5.75 Wash, 20 lks. wide, 2 ft. deep, course N.30°W. Asc. 85 ft.

17.15 Spur slopes NW. Desc. 110 ft.

40.02 Point for $\frac{1}{4}$ sec. cor. falls in wash, 10 lks. wide, 1 ft. deep, course N.50°W. Therefore at

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



from which

A cedar, 6 ins. diam., bears N.67°30'E., 111 lks. dist., marked WC $\frac{1}{4}$ S9 BT, and

A cedar, 16 ins. diam., bears S.5°30'E., 105 lks. dist., marked WC $\frac{1}{4}$ S16 BT.

42.00 Spur slopes N.

48.25 Wash, 20 lks. wide, 1 ft. deep, course N.10°W. Asc. 35 ft.

53.80 Spur slopes N. Desc. 30 ft.

58.60 Wash, 10 lks. wide, 1 ft. deep, course N.10°W. Asc. 45 ft.

65.70 Spur slopes N. Desc. 50 ft.

79.85 Wash, 20 lks. wide, 2 ft. deep, course NW.

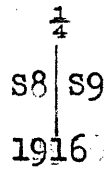
80.04 The cor. of secs. 8, 9, 16 and 17.

Chains

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, oak brush.

N.0°03'W., bet. secs. 8 and 9,
over rolling land, through scattering timber and under-
growth.

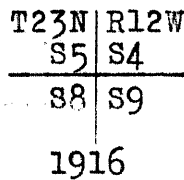
- 1.40 Wash, 20 lks. wide, 3 ft. deep, course NW. Asc. 25 ft.
- 10.00 Ridge bears N.30°W. and S.30°E. Desc. 80 ft.
- 16.60 Wright Creek, course W. Asc. gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground), for $\frac{1}{4}$ sec. cor.,
with brass cap, marked



from which

A cedar, 6 ins. diam., bears N.28°50'E., 60 lks. dist.,
marked $\frac{1}{4}$ S9 BT, and
A cedar, 10 ins. diam., bears S.56°30'W., 46 lks. dist.,
marked $\frac{1}{4}$ S8 BT.

- 44.88 Ridge, 90 ft. above creek, bears E. and W. Desc. 37 ft.
- 59.15 Wash, 15 lks. wide, 2 ft. deep, course S.40°W.
Asc. 25 ft. on gradual slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for cor. of secs. 4, 5, 8 and 9, with brass cap,
marked



from which

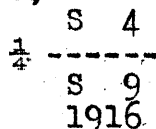
A cedar, 36 ins. diam., bears N.49°05'E., 81 lks. dist.,
marked T23N R12W S4 BT,
A cedar, 14 ins. diam., bears S.34°25'E., 142 lks. dist.,
marked T23N R12W S9 BT,
A cedar, 8 ins. diam., bears S.30°05'W., 380 lks. dist.,
marked T23N R12W S8 BT, and
A cedar, 12 ins. diam., bears N.30°10'W., 250 lks. dist.,
marked T23N R12W S5 BT.

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, scrub oak.

- 40.00 N.89°55'E., on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line 7 lks. N. of the cor. of secs.
3, 4, 9 and 10.

Thence S.89°58'W., on a true line, bet. secs. 4 and 9,
over rolling land, through scattering timber.

- 40.04 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, 10 ins. diam., bears S.23°55'W., 251 lks. dist.,
marked $\frac{1}{4}$ S9 BT, and

Chains

71.50 A cedar, 10 ins. diam., bears N.32°30'W., 299 lks. dist.,
 80.08 marked $\frac{1}{4}$ S4 BT.
 Spur slopes S.
 The cor. of secs. 4, 5, 8 and 9.

Land, rolling.
 Soil, gravelly loam; 2nd and 3rd rate.
 Timber, scattering cedar.

40.00 N.0°03'W., on a random line, bet. secs. 4 and 5.
 77.89 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. bdy. of Tp. 6 lks. W. of the cor. of secs.
 4, 5, 32 and 33, which is an iron post, 3 ins. diam.,
 with brass cap, marked, set, and witnessed as described
 by the surveyor general.

37.89 Thence South, on a true line, bet. secs. 4 and 5,
 over rolling land, through scattering timber. Asc.
 gradually.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set cor. farther in the ground), for $\frac{1}{2}$ sec. cor.,
 with brass cap, marked

$\frac{1}{2}$
 S5 | S4
 1916

42.90 from which
 77.89 A cedar, 8 ins. diam., bears S.69°E., 104 lks. dist.,
 marked $\frac{1}{4}$ S4 BT, and
 A cedar, 12 ins. diam., bears N.82°W., 134 lks. dist.,
 marked $\frac{1}{4}$ S5 BT.
 Ridge, 160 ft. above wash, bears E. and W. Desc. gradually.
 The cor. of secs. 4, 5, 8 and 9.

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

18.05 From the cor. of secs. 31 and 32, on S. bdy. of Tp.,
 27.95 described in Book E,
 33.45 N.0°03'W., bet. secs. 31 and 32,
 40.00 over rolling land, through scattering timber and dense
 undergrowth. Desc. 160 ft.
 Wash, 40 lks. wide, 2 ft. deep, course N.40°E.
 Wood road bears N.10°E. and S.10°W.
 Same wood road bears N.10°W. and S.10°E.
 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

$\frac{1}{4}$
 S31 | S32
 1916

47.30 from which
 49.70 A cedar, 10 ins. diam., bears N.30°05'E., 124 lks. dist.,
 marked $\frac{1}{4}$ S32 BT, and
 51.00 A cedar, 8 ins. diam., bears N.74°10'W., 109 lks. dist.,
 marked $\frac{1}{4}$ S31 BT.
 57.80 Enter same wood road, from S.40°W.
 80.00 Leave same, bearing N.20°W.
 Same road bears N.20°E. and S.20°W.
 Same road bears NW. and SE.
 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the

Chains

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

T23N	R12W
S30	S29
S31	S32

1916

from which
 A piñon, 6 ins. diam., bears N.67°40'E., 132 lks. dist., marked T23N R12W S29 BT,
 A piñon, 6 ins. diam., bears S.14°E., 126 lks. dist., marked T23N R12W S32 BT,
 A piñon, 8 ins. diam., bears S.35°W., 160 lks. dist., marked T23N R12W S31 BT, and
 A piñon, 6 ins. diam., bears N.29°W., 159 lks. dist., marked T23N R12W S30 BT.

Land, rolling.
 Soil, rocky; 4th rate.
 Timber, scattering cedar, and piñon.
 Undergrowth, dense oak brush.

From this cor.,
 Derrick on Walkover mine bears N.62°04'W. Group of 10 cabins around derrick.
 Two water tanks bear N.65°53'W.

40.00
79.84

N.89°58'E., on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 3 lks. S. of the cor. of secs. 28, 29, 32 and 33.

12.45
22.00
30.45
39.92

Thence S.89°57'W., on a true line, bet. secs. 29 and 32, over hilly land, through timber and undergrowth.
 Desc. 100 ft.
 Wash, 30 lks. wide, 4 ft. deep, course N.20°W.
 Wash, 20 lks. wide, 3 ft. deep, course N.10°W. Asc. 140 ft.
 Spur slopes N. Desc.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., (impracticable to set post farther in the ground), with brass cap, marked

S 29
$\frac{1}{4}$ -----
S32
1916

64.50
77.05
79.84

from which
 A piñon, 6 ins. diam., bears S.26°40'E., 134 lks. dist., marked $\frac{1}{4}$ S32 BT, and
 A piñon, 6 ins. diam., bears N.79°35'W., 80 lks. dist., marked $\frac{1}{4}$ S29 BT.
 Wash, 225 ft. below spur, course N., 30 lks. wide, 3 ft. deep. Asc. 180 ft.
 Spur slopes N. Desc. 20 ft.
 The cor. of secs. 29, 30, 31 and 32.

Land, hilly.
 Soil, rocky; 4th rate.
 Timber, cedar and piñon.
 Undergrowth, oak brush.

40.00
79.95

S.89°58'W., on a random line, bet. secs. 30 and 31.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect W. bdy. of Tp. 50 lks. N.0°35'E. of the cor. of

Subdivision of T. 23 N. R. 12 W.

Chains.

secs. 25, 30, 31 and 36, hereinbefore described. This cor. and the old $\frac{1}{4}$ sec. cors. bet. secs. 31 and 36 and secs. 25 and 30 will henceforth relate solely to the areas W. of line. I obliterate marks on bearing trees E. of range line.

I return to the cor. of secs. 29, 30, 31 and 32. Thence West on a true line, bet. secs. 30 and 31, over mountainous land, through scattering timber and undergrowth. Desc. 170 ft.

14.44 Wash, 20 lks. wide, 1 ft. deep, course N.20°E.

15.52 Wood road brs. N. and S.

21.42 Cor. No. 4, Alabama Lode, mineral survey No. 3011, Music Mountain District, bears S., 4 lks. dist.

23.36 Wash, 30 lks. wide, 2 ft. deep, course N.30°E. Asc. 270 ft.

40.00 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

$\frac{1}{4}$ S30
S31
1916

from which

A pinion, 10 ins. diam., bears S.52°10'W., 233 lks. dist., marked $\frac{1}{4}$ S31 BT, and

A cedar, 6 ins. diam., bears N.38°35'W., 188 lks. dist., marked $\frac{1}{4}$ S30 BT.

48.08 Spur, slopes N.10°E. Desc. 125 ft.

60.79 Road, brs. N.70°E. and S.70°W. to Copper Giant Mine.

70.00 Group of ten shacks and tent houses, Copper Giant Mine, brs. S. 10.00 chs. dist.

79.95 Intersect W. bdy. of Tp., 55 lks. N.0°35'E. of the cor. of secs. 25 and 36, hereinbefore described.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap, marked

T23N | T23N
S30
S25 | S31 CC
R13W | R12W
1916

from which

A cedar, 8 ins. diam., bears S.42°40'E., 13 lks. dist., marked T23N R12W S31 BT, and

A cedar, 10 ins. diam., bears N.2°30'E., 133 lks. dist., marked T23N R12W S30 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering cedar and pinion.

Undergrowth, oak brush.

N.0°03'W., bet. secs. 29 and 30, over hilly land, through timber and undergrowth.

14.24 Water pipe line, $3\frac{1}{2}$ ins. diam., from Walkover pumping plant to mine, bears E. and W.

A corrugated iron building, 15x30 ft., inclosing pumping plant, bears E., 19.90 chs. dist. Desc. 200 ft.

26.26 Wash, 40 lks. wide, 2 ft. deep, course N.10°W.

29.25 Road, from Walkover mine to pumping plant, bears E. and W.

32.00 Ascend.

40.00 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

32.

Subdivision of T. 23 N., R. 12 W.

Chains.

$\frac{1}{4}$
S30 | S29
1916

from which

A cedar, 6 ins. diam., bears S.55°20'E., 122 lks. dist., marked $\frac{1}{4}$ S29 BT, and

A cedar, 4 ins. diam., bears N.86°55'W., 21 lks. dist., marked $\frac{1}{4}$ S30 BT.

Walkover mine derrick, hereinbefore described, brs. S, 62°3'W. Water tanks, hereinbefore described, bear S.57°52'W.

49.50 Ridge, 150 ft. above 32.00 ch. pt., bears NW. and SE. Desc.

57.25 Road to Carrow's ranch bears N.70°E. and S.70°W.

67.93 Wash, 95 ft. below ridge, 30 lks. wide, 3 ft. deep, course S.80°W. Asc. gradually.

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

T23N R12W
S19 | S20
S30 | S29
1916

from which

A cedar, 8 ins. diam., bears N.46°55'E., 218 lks. dist., marked T23N R12W S20 BT.

A cedar, 10 ins. diam., bears S.53°55'E., 168 lks. dist., marked T23N R12W S29 BT.

A cedar, 8 ins. diam., bears S.22°30'W., 138 lks. dist., marked T23N R12W S30 BT, and

A cedar, 6 ins. diam., bears N.20°25'W., 148 lks. dist., marked T23N R12W S19 BT.

Land, hilly.

Soil, rocky; 4th rate.

Timber, cedar.

Undergrowth, oak brush.

40.00 N.89°57'E., on a random line, bet. secs. 20 and 29.

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

Intersect N. and S. line, 4 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

S.89°55'W., on a true line, bet. secs. 20 and 29, over rolling land, through timber and undergrowth.

14.08 Wash, 10 lks. wide, 2 ft. deep, course N.30°W.

23.76 Ridge, bears NW. and SE.

34.83 Wash, 20 lks. wide, 1 ft. deep, course N.40°W.

39.92 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

S20
 $\frac{1}{4}$ S29
1916

from which

A cedar, 8 ins. diam., bears S.25°05'E., 17 lks. dist., marked $\frac{1}{4}$ S29 BT, and

A cedar, 8 ins. diam., bears N.61°45'W., 111 lks. dist., marked $\frac{1}{4}$ S20 BT.

45.00 Ridge, brs. N.50°W. and S.50°E.

64.37 Road to Carrow's ranch bears N.60°E. and S.60°W.

79.84 The cor. of secs. 19, 20, 29 and 30.

Land, rolling.

Soil, rocky; 4th rate.

Timber, cedar.

Undergrowth, oak brush.

Subdivision of T. 23 N., R. 12 W.

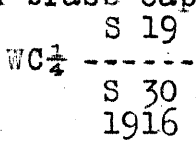
Chains

West $\frac{1}{4}$ sec. on a random line bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.12 Intersect W. bdy. of Tp. 21 lks. N. of the old cor. of
 secs. 19, 24, 25 and 30, hereinbefore described.

Thence N. $89^{\circ}51'E.$, on a true line, bet. secs. 19 and 30,
 over mountainous land, through timber and undergrowth.
 Desc. 22 ft.

10.70 Ridge bears N. $10^{\circ}W.$ and S. $10^{\circ}E.$ Desc.
 13.10 W. edge of canyon, course N. $20^{\circ}W.$ Desc. abrupt slope.
 23.25 Bottom of canyon, course N. 200 ft. below spur.
 Asc. 135 ft.

28.50 Spur slopes N. Desc. 145 ft.
 39.12 Point for $\frac{1}{4}$ sec. cor. falls in bottom of gulch, course
 N. $60^{\circ}W.$ Therefore at
 40.22 On E. side of gulch,
 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 witness cor.
 to $\frac{1}{4}$ sec. cor., with brass cap, marked

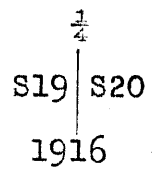


from which
 A cedar, 10 ins. diam., bears S. $40^{\circ}20'E.$, 53 lks. dist.,
 marked WC $\frac{1}{4}$ S30 BT, and
 A cedar, 6 ins. diam., bears N. $45^{\circ}W.$, 211 lks. dist.,
 marked WC $\frac{1}{4}$ S19 BT.

Asc. 170 ft.
 47.80 East edge of canyon, course N. $50^{\circ}W.$ Thence over rolling
 land.
 67.17 Wash, 20 lks. wide, 2 ft. deep, course S. $30^{\circ}W.$
 79.12 The cor. of secs. 19, 20, 29 and 30.

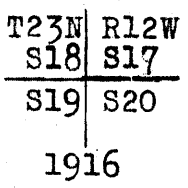
Land, rolling and mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, oak.

N. $0^{\circ}03'W.$, bet. secs. 19 and 20,
 over rolling timbered country.
 9.90 Wash, 10 lks. wide, 1 ft. deep, course N. $80^{\circ}W.$
 12.10 Old road bears N. $70^{\circ}W.$ and S. $70^{\circ}E.$
 27.00 Ridge bears E. and W.
 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



from which
 A cedar, 10 ins. diam., bears S. $69^{\circ}25'E.$, 108 lks. dist.,
 marked $\frac{1}{4}$ S20 BT, and
 A cedar, 6 ins. diam., bears S. $30^{\circ}40'W.$, 155 lks. dist.,
 marked $\frac{1}{4}$ S19 BT.

64.80 Ridge bears E. and W.
 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



from which

Chains

A cedar, 10 ins. diam., bears N.31°10'E., 169 lks. dist., marked T23N R12W S17 BT,
 A cedar, 8 ins. diam., bears S.15°10'E., 275 lks. dist., marked T23N R12W S20 BT,
 A cedar, 10 ins. diam., bears S.11°20'W., 196 lks. dist., marked T23N R12W S19 BT, and
 A cedar, 8 ins. diam., bears N.77°25'W., 19 lks. dist., marked T23N R12W S18 BT.

Land, rolling hills.
 Soil, rocky; 4th rate.
 Timber, cedar;--scattering.
 Undergrowth, oak brush.

40.00
79.86

N.89°55'E., on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line at the cor. of secs. 16, 17, 20 and 21.

4.70
12.05
26.90
36.45
39.93

Thence S.89°55'W., on a true line, bet. secs. 17 and 20, over rolling land, through timber and undergrowth.
 Spur slopes N.10°W. Desc. 45 ft.
 Wash, 20 lks. wide, 1 ft. deep, course NW. Asc. 65 ft.
 Ridge bears NW. and SE. Desc. 50 ft.
 Wash, 20 lks. wide, 5 ft. deep, course N. Asc.
 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 17
 $\frac{1}{4}$ -----
 S 20
 1916

52.55
79.86

from which
 A cedar, 4 ins. diam., bears S.67°40'E., 198 lks. dist., marked $\frac{1}{4}$ S20 BT, and
 A cedar, 6 ins. diam., bears N.73°35'E., 238 lks. dist., marked $\frac{1}{4}$ S17 BT.
 Spur slopes N. 125 ft. above wash.
 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and hilly.
 Soil, rocky; 4th rate.
 Timber, cedar.
 Undergrowth, oak brush.

21.25
36.10
40.00

West, on a true line, bet. secs. 18 and 19, over hilly land, through timber and undergrowth.
 Asc. 130 ft.
 Spur slopes NW. Desc. gradually.
 Wash, 10 lks. wide, 1 ft. deep, course S.70°W.
 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

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

44.35
68.75
80.64

from which
 A cedar, 8 ins. diam., bears N.4°10'E., 107 lks. dist., marked $\frac{1}{4}$ S18 BT, and
 A cedar, 3 ins. diam., bears S.49°E., 97 lks. dist., marked $\frac{1}{4}$ S19 BT.
 Spur slopes S.80°W.
 Wash, 10 lks. wide, 1 ft. deep, course N.
 Intersect W. bdy. of Tp. 254 lks. N.0°15'E. of the old cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Subdivision of T. 23 N., R. 12 W.

Chains

This cor., and the 1/4 sec. cor. bet. secs. 19 and 24, with the 1/4 sec. cor. bet. secs. 13 and 18, will henceforth relate solely to the area W. of range line.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, for closing cor. of secs. 18 and 19, (impracticable to set post farther in the ground) with brass cap, marked

T23N	T23N
	S18
S13	----CC
	S 19
R13W	R12W

1916

from which

A cedar, 8 ins. diam., bears N.68°35'E., 400 lks. dist., marked T23N R12W S18 BT, and

A cedar, 8 ins. diam., bears S.53°E., 170 lks. dist., marked T23N R12W S19 BT.

Land, hilly.

Soil, rocky; 3rd and 4th rate.

Timber, cedar.

Undergrowth, oak brush.

N.0°03'W., bet. secs. 17 and 18, over hilly country, through scattering timber and undergrowth.

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 1/4 sec. cor., with brass cap, marked

1/4	
S18	S17

1916

from which

A cedar, 4 ins. diam., bears S.81°05'E., 47 lks. dist., marked 1/4 S17 BT, and

A cedar, 12 ins. diam., bears N.31°20'W., 130 lks. dist., marked 1/4 S18 BT.

56.96 Wash, 10 lks. wide, 2 ft. deep, course N.80°W.

64.62 W. end of ridge bearing N.85°W. and S.85°E.

80.00 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. 7, 8, 17 and 18, with brass cap, marked

T23N	R12W
S7	S8
S18	S17

1916

from which

A cedar, 6 ins. diam., bears N.73°35'E., 52 lks. dist., marked T23N R12W S8 BT,

A cedar, 8 ins. diam., bears S.66°40'E., 56 lks. dist., marked T23N R12W S17 BT,

A cedar, 6 ins. diam., bears S.60°50'W., 102 lks. dist., marked T23N R12W S18 BT, and

A cedar, 6 ins. diam., bears N.46°35'W., 48 lks. dist., marked T23N R12W S7 BT.

Land, hilly.

Soil, rocky.

Timber, cedar.

Undergrowth, oak brush.

36

Subdivision of T. 23 N., R. 12 W.

Chains

40.00 N.89°55'E., on a random line, bet. secs. 8 and 17.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 8, 9, 16 and 17.

Thence S.89°54'W., on a true line, bet. secs. 8 and 17,
 over broken land, through scattering cedar timber and oak
 undergrowth. Asc. 140 ft.

25.11 Ridge bears N. and S. Desc. 140 ft.

39.10 Gulch, course N. Asc.

39.92 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 8
 $\frac{1}{4}$ -----
 S 17
 1916

from which

A malpais boulder, 15x10x10 ft. above ground, bears
 N.46°E., 176 lks. dist., marked X B0 8.

No other bearing objects available. Raise a mound of
 stone, 3 ft. base, 2 ft. high, N. of cor.

51.00 Ridge bears N. and S. Desc. gradually.

62.55 E. edge of ravine bears N.10°W. and S.10°E.

66.88 Bottom of ravine, 70 ft. deep, course N.20°W. Asc. 105 ft.

74.10 W. edge of ravine bears N.10°W. and S.10°E.

75.80 Ridge bears N.20°W. and S.20°E. Desc. 30 ft.

79.84 The cor. of secs. 7, 8, 17 and 18.

Land, broken.

Soil, rocky; 4th rate.

Timber, cedar.

Undergrowth, scrub oak.

 West, on a true line, bet. secs. 7 and 18,
 over broken land, through scattering timber and under-
 growth. Desc. 30 ft.

3.77 Wash, 10 lks. wide, 1 ft. deep, course SW. Asc. 45 ft.

13.72 Wash, 30 lks. wide, 2 ft. deep, course NW. Asc. gradually.

24.70 N. end of rocky point from S.

35.00 Top of knoll.

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

S 7
 $\frac{1}{4}$ -----
 S 18
 1916

from which

A cedar, 4 ins. diam., bears N.57°20'E., 104 lks. dist.,
 marked $\frac{1}{4}$ S7 BT, and

A cedar, 14 ins. diam., bears S.83°10'E., 17 lks. dist.,
 marked $\frac{1}{4}$ S18 BT.

70.00 Rocky point.

79.92 Intersect W. bdy. of Tp. 222 lks. N.0°52'E. of the old cor.
 of secs. 7, 12, 13 and 18, hereinbefore described.

This cor. and the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12 will

hereafter relate solely to the area W. of range line.

I destroy marks on bearing trees E. of line.

At point of intersection

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 closing cor. of
 secs. 7 and 18, with brass cap, marked

Subdivision of T. 23 N., R. 12 W.

337

Chains

T23N	T23N
	S7
S12	----CO
	S18
R13W	R12W

1916

from which
 A cedar, 10 ins. diam., bears N.40°40'E., 272 lks. dist., marked T23N R12W S7 BT, and
 A cedar, 10 ins. diam., bears S.56°15'E., 176 lks. dist., marked T23N R12W S18 BT.

Land, broken.
 Soil, rocky; 4th rate for most part; small amount 2nd and 3rd rate.
 Timber, cedar and piñon,-- scattering.
 Undergrowth, oak brush.

11.00
37.36
40.00

N.0°03'W., bet. secs. 7 and 8,
 over broken land, through scattering timber and undergrowth. Asc. gradually.
 Top of rise bears NW. and SE. Desc. gradually.
 Old barbed wire drift fence bears N.5°E. and S.5°W.
 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 mound of stone)

S7	S8
----	----

1916

from which
 A cedar, 10 ins. diam., bears N.5°30'E., 244 lks. dist., marked $\frac{1}{4}$ S8 BT, and
 A cedar, 12 ins. diam., bears N.41°15'W., 257 lks. dist., marked $\frac{1}{4}$ S7 BT.
 Impracticable to set post farther in the ground.

66.65
69.20
70.89
73.95
80.00

Wash, 175 ft. below 11.00 ch. pt., 30 lks. wide, 3 ft. deep, course NE.
 Same wash, course N.20°W.
 Old rail fence bears N.70°W. and S.70°E.
 Same wash, 40 lks. wide, 5 ft. deep, course N.70°E.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked

T23N	R12W
S6	S5
S7	S8

1916

from which
 A scrub oak, 4 ins. diam., bears N.30°10'E., 42 lks. dist., marked T23N R12W S5 BT,
 A scrub oak, 5 ins. diam., bears S.17°30'E., 79 lks. dist., marked T23N R12W S8 BT,
 A cedar, 8 ins. diam., bears S.10°25'W., 274 lks. dist., marked T23N R12W S7 BT, and
 A piñon, 8 ins. diam., bears N.67°35'W., 273 lks. dist., marked T23N R12W S6 BT.

Land, broken.
 Soil, rocky; 4th rate.
 Timber, scattering cedar, and piñon.
 Undergrowth, oak brush.

Chains

40.00 N.89°54'E., on a random line, bet. secs. 5 and 8.
 79.84 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 6 lks. S. of the cor. of secs.
 4, 5, 8 and 9.

Thence S.89°51'W., on a true line, bet. secs. 5 and 8,
 over rolling land, through scattering timber and under-
 growth.

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

S 5
 $\frac{1}{4}$ -----
 S 8
 1916

from which

A cedar, 8 ins. diam., bears S.41°50'W., 133 lks; dist.,
 marked $\frac{1}{4}$ S8 BT, and

A cedar, 6 ins. diam., bears N.31°40'W., 25 lks. dist.,
 marked $\frac{1}{4}$ S5 BT.

62.70 Spur slopes S.10°E. Desc. 205 ft., on SW. slope.

73:75 Wright Creek, 50 lks. wide, 2 ft. deep, course N.70°W.

79.84 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, cedar.

Undergrowth, oak.

West, on a true line, bet. secs. 6 and 7,
 over mountainous land, through scattering timber and
 undergrowth. Asc. rocky E. slope, 15 ft.

2.50 Desc. 30 ft.

4.65 Gulch, 30 lks. wide, 2 ft. deep, course N.10°W. Asc.

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

S 6
 $\frac{1}{4}$ -----
 S 7
 1916

from which

A piñon, 8 ins. diam., bears N.63°15'E., 41 lks. dist.,
 marked $\frac{1}{4}$ S6 BT, and

A piñon, 8 ins. diam., bears S.43°W., 56 lks. dist.,
 marked $\frac{1}{4}$ S7 BT.

43.20 Spur, 375 ft. above gulch, slopes S.30°W. Desc. 190 ft.

53.90 S. side of saddle. Asc. 190 ft.

75.00 Spur slopes S.20°E.

79.04 Intersect W. bdy. of Tp. 194 lks. N. of the cor. of secs.
 1, 6, 7 and 12, hereinbefore described, which I change
 to a cor. of two secs. relating solely to secs. 1 and 12,
 by obliterating the marks on bearing trees E. of range
 line.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of
 stone, for closing cor. of secs. 6 and 7, (impracticable
 to set post in the ground) with brass cap, marked

T23N | T23N
 S6
 S1 | ---- CC
 S7
 R13W | R12W

1916

from which

A cedar, 6 ins. diam., bears N.73°30'E., 389 lks. dist.,
 marked T23N R12W S6 BT, and

Subdivision of T. 23 N., R. 12 W.

Chains

A cedar, 4 ins. diam., bears S.45°E., 279 lks. dist., marked T23N R12W S7 BT.

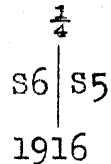
Land, mountainous.
Soil, rocky; 4th rate.
Timber, scattering cedar.
Undergrowth, oak brush.

40.00
78.02

N.0°03'W., on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp. 29 lks. E. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 3 ft. long, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

16.73
23.56
38.02

Thence S.0°15'E., on a true line, bet. secs. 5 and 6, over broken and mountainous land, through scattering timber and undergrowth. From cor., on ridge bearing E. and W., desc. 250 ft.
Gulch, course S.85°W. Asc. 50 ft.
Gulch, course NW. Asc.
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



40.67
45.50
67.75
73.95
78.02

from which
A cedar, 12 ins. diam., bears S.59°40'E., 86 lks. dist., marked $\frac{1}{4}$ S5 BT, and
A cedar, 10 ins. diam., bears S.12°15'W., 119 lks. dist., marked $\frac{1}{4}$ S6 BT.
Ridge, 160 ft. above gulch, bears NW. and SE. Desc. 125 ft. Asc. 150 ft.
Spur slopes S.70°W. Desc. 160 ft.
Wright Creek, 50 lks. wide, 2 ft. deep, containing stream 4 lks. wide, 2 ins. deep; course W.
The cor. of secs. 5, 6, 7 and 8.

Land, broken and mountainous.
Soil, rocky; 4th rate.
Timber, scattering cedar and palo verde.
Undergrowth, oak brush.

Latitudes, Departures, and Closing Errors.						
Line designated	True Courses	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	S.89°58'W.	480.47		.15		480.47
West Boundary	N.0°05'E.	39.54	39.54		.05	
	N.0°23'E.	39.99	39.99		.27	
	N.0°35'E.	80.43	80.43		.82	
	N.1°49'W.	37.48	37.46			1.19
	N.0°31'W.	40.00	40.00			.36
	N.0°15'E.	39.94	39.94		.18	
	N.0°43'E.	40.40	40.40		.50	
	N.0°52'E.	40.08	40.08		.61	
	N.0°19'E.	40.18	40.18		.22	
North Boundary	East	478.50			478.50	
East Boundary	South	477.98		477.98		
Convergency					.51	
Totals			478.02	478.13	481.66	482.02
				478.02		481.66
Error in latitude,				.11		
						.36

GENERAL DESCRIPTION.

The S. half and parts of the W. portion of the township are very rough and mountainous. The balance is rolling and rolling mountainous.

The soil is rocky and gravelly; 3rd and 4th rate. Fair grass exists throughout. Cedar and piñon timber is found all over the township, the cedar being quite dense in some parts, especially the SW. Undergrowth of scrub oak varies from scattering to dense, over practically the entire area.

Water is found throughout the greater part of Wright Creek; at Little Cottonwood Spring, in the NE. corner of sec. 33; and at a tank in the SW. part of sec. 36.

A mining claim, patented as mineral survey No. 3011, to Michael Mc. Bride, is situated in sections 30 and 31; the Walkover mine is situated in sec. 30; and various prospects are scattered over other parts of the township. Gold and copper constitute the mineral values found.

J. E. Carrow has a good house and outbuildings in the NE. part of sec. 15, and a house in the NE. part of sec. 25.

Good roads lead from these houses to Hackberry and Nelson.

Book "F"
Group 51 - - - Arizona.

DATE DIAGRAM.

	6 5-10-16 5-9 & 10-16	5 5-10-16	4 5-12-16	3 5-12-16 5-8-16	2 5-10-16 5-10-16	1 5-11-16 5-11-16
	7 5-9-16 5-8 & 9-16	8 5-8 & 11-16 5-11-16	9 5-6 & 12-16 5-12-16	10 5-11-16 5-9-16	11 5-9-16 5-10-16	12 5-10-16
	18 5-8-16 5-8-16	17 5-5-16 5-6-16	16 5-6-16 5-11-16 <i>T23N.</i>	15 5-8-16 5-8-16 <i>R.12W.</i>	14 5-9-16 5-9-16	13 5-9-16
	19 5-4-16 5-5-16	20 5-5-16 5-5-16	21 5-5-16 5-6-16	22 5-5-16 5-2-16	23 5-4-16 5-9-16	24 5-4-16
	30 5-3-16 5-4-16	29 5-2-16 5-5-16	28 5-1-16 5-1-16	27 5-3-16 5-2-16	26 5-3-16 5-4-16	25 5-3-16
	31 5-2-16	32 5-1-16	33 4-29-16 5-1-16	34 5-2-16	35 4-29-16	36

5-3-16 5-4-16 5-13-16 5-13-16 5-13-16

— Lines dated in red were surveyed by Walter D. Long, U.S. Surveyor.

— Lines dated in blue were surveyed by James C. Hooper, U.S. Transitman.

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ ^{TRANSITMAN}

3092

I, James C. Hooper, ^{Transitman} ~~U. S. Surveyor~~, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for for Group 51, Arizona,

bearing date of the 23rd day of February, 1915, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States, ^{retraced} ~~surveyed~~ all those parts or portions of the West boundary

^{parts} and surveyed all those [^] or portions of the Subdivision lines of

TOWNSHIP 23 North, Range 12 West.

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented ~~in~~
by the diagram on page 41 hereof, and in

the foregoing field notes as having been executed by me, and under my direction; and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
tions, and the special written instructions of the U. S. Surveyor General for Group 51, Arizona
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

James C. Hooper
U. S. ~~Surveyor~~
Transitman,

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

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

.....
U. S. Surveyor General.

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

.....
U. S. Surveyor General.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Walter D. Long, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 51, Arizona, bearing date of the 23rd day of February, 1915, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced surveyed all those parts or portions of the East boundary, and surveyed all those parts or portions of the Subdivision lines of

Township 23 North, Range 12 West,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in by the diagram on page 41 hereof, and in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 51, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Walter D. Long
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, July 18, 1918

The foregoing field notes of the survey of the Subdivision lines, and the Retracement of a portion of the East and West boundaries of Township 23 North, Range 12 West, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Walter D. Long, U.S. Surveyor, and James C. Hooper, U.S. Transitman, under his special instructions dated Feby. 23, 1915, for Group 51, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

James C. Hooper
U. S. Surveyor General.

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

U. S. Surveyor General.