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Book "H."

BOOK 3179

4-879

(1)

FIELD NOTES

OF THE SURVEY OF THE

GILA AND SALT RIVER BASE LINE, THROUGH RANGE 20 WEST,

WEST AND NORTH BOUNDARIES, and

SUBDIVISION LINES

of

TOWNSHIP 1 NORTH, RANGE 20 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William B. Kimmel,

In the capacity of U. S. Surveyor, under instructions dated February 5., 1915,

issued by the United States Surveyor General to govern surveys included in

Group No. 47, which were approved by the Commissioner of the General Land

Office, February 23., 1915.

Survey commenced February 16., 1916

Survey completed April 26., 1916.

Executed under Assignment
Instructions dated Feb. 27, 1915 & Dec. 9, 1915.

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Group 47 - - - Arizona.

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	Gila and Salt River Base Line.										

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Gila and Salt River Base Line through Range 20 W.

Chains Surveys hereinafter described were executed by William B. Kimmel, U.S. Surveyor on dates shown on diagram on page 45 of this Book, using a Young & Son's slight mountain transit No. 8523, with solar attachment, described in Book "A."

I examine the adjustments of the transit and correct the level and collimation errors; then to test the solar attachment by comparing its indications resulting from solar observations made during a. m. and p. m. hours on a meridian established by observations on Polaris, I proceed as follows:

Feb. 15, 1916, at the standard cor. of Ts. 1 N., Rs. 19 and 20 W., which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39, at 9h. 48m., p.m., l.m.t., I observe Polaris at western elongation, in accordance with instructions contained in the manual of surveying.

Feb. 16, 1916, at 7h. 49m., a.m., l.m.t., I turn off the azimuth of Polaris, 1° 21½' to the east and mark the meridian thus determined by a wooden peg set firmly in the ground, 5 chs. N. of my station.

At 7h. 45m., a.m., l.m.t., I set off 33° 22½' N. on the lat. arc; 12° 36' S. on the decl. arc; and determine a meridian with the solar. The meridian thus determined agrees with the mer. established the night before by observations on Polaris.

Subsequent solar observations taken throughout the day on the secant to the parallel, the bearing or which is known from the above Polaris observations, give results varying less than 1' in azimuth with the line established by observations on Polaris. I therefore conclude that the adjustments of the transit and solar attachment are satisfactory.

--o00o--

I begin at the standard cor. of Ts. 1 N., Rs. 19 and 20 W. Begin at a point 3 lks. S. of the standard cor. of Ts. 1 N., Rs. 19 and 20 W., hereinbefore described.

Thence N. 89° 58' W. on a secant S. of sec. 36. Over level land, through scattering timber and undergrowth. No diff. bet. measurements of 40.00 chs., by two sets of chainmen, is

40.00

N. 1 lk. from the secant, Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard ¼ sec. cor. mkd. on brass cap

S 36
S C ¼

1916

59.50

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

Dim road brs. NW. and SE. Enter dense iron wood and palo verde timber.

No difference bet. measurements of 80.00 chs. by two sets of chainmen.

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 35 and 36, mkd. on brass cap

SC

T 1N R20W
S35|S36

1916

dig pits, 24 X 24 X 12 ins., NE. & NW. of post, 6 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

2 Gila and Salt River Base Line through Range 20 W.

Chains

Land, level.
Soil, 1st and 2nd rates.
Timber, palo verde, iron wood and mesquite.
Undergrowth, dense greasewood.

16.85 N. 89° 59' W. on the secant through sec. 35.
Over level land, through scattering timber and dense undergrowth.

Road brs. N. and S.
Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 1 lk.; position of middle point
By 1st set, 39.99½ chs.
By 2nd set, 40.00½ chs.; the mean of which is

40.00 S. 1 lk. from the secant
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard ¼ sec. cor., mkd. on brass cap

S 35
SC ¼

1916

and dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

57.65 Shallow wash, course N.
Thence through scattering undergrowth.

78.00 Low divide brs. NW. and SE.
No difference bet. measurements of 80.00 chs. by two sets of chainmen.

80.00 S. 2 lks. from the secant
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 34 and 35, mkd. on brass cap

SC
T 1N R20W
S34 | S35

1916

dig pits, 24 X 24 X 12 ins., NE. & NW. of post, 6 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Land, nearly level.
Soil, gravelly, 2nd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood.

32.20 N. 89° 59' W. on a secant through sec. 34.
Over gently rolling land, through scattering timber and undergrowth.

Small shallow wash, course NW.
Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 2 lks.; position of middle point
By 1st set, 40.01 chs.
By 2nd set, 39.99 chs.; the mean of which is

40.00 S. 2 lks. from the secant
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to solid rock, in a mound of stone, for standard ¼ sec. cor., mkd. on brass cap

S 34
SC ¼

1916

Gila and Salt River Base Line through Range 20 W. 3

Chains

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

48.00 Wash, 25 lks. wide, 4 ft. deep, course, N.

61.20 Ravine, 6 ft. deep, course N.

73.70 Shallow wash 30 lks. wide, course NW.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 1 lk.; position of middle point
 By 1st set, 80.00½ chs.
 By 2nd set, 79.99½ chs.; the mean of which is

80.00 S. 3 lks. from the secant
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 33 and 34, mkd. on brass cap

S C
 T 1 N R 20 W
 S33 | S34
 1916

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

Land, gently rolling.
 Soil, gravelly, 2nd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood.

West on a secant, through sec. 33.
 Over gently rolling land, through scattering timber and undergrowth.

2.95 Shallow wash, 45 lks. wide, course NW.

25.80 Shallow wash, 25 lks. wide, course NW.

33.15 Road brs. NE. and SW.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 1 lk.; position of middle point
 By 1st set, 79.99½ chs.
 By 2nd set, 80.00½ chs.; the mean of which, is

40.00 S. 2 lks. from the secant
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for V¼ sec. cor., mkd. on brass cap
 standard

S 33
 SC ¼
 1916

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

41.90 Wash, 45 lks. wide, 3 ft. deep, course N.

57.46 Wash, 10 lks. wide, 4 ft. deep, course N.
 Enter dense timber and undergrowth.

61.40 Wash, 60 lks. wide, 3 ft. deep, course SW.

71.40 Shallow wash, 30 lks. wide, course SW.

No difference bet. measurements of 80.00 chs. by two sets of chainmen.

80.00 S. 2 lks. from the secant
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 32 and 33, mkd. on brass cap

S C
 T 1 N R 20 W
 S32 | S33
 1916

from which,
 An iron wood, 8 ins. diam., brs. N. 55° E.
 292 lks. dist. mkd. T 1 N R 20 W S 33 S C B T.

Gila and Salt River Base Line through Range 20 W.

Chains

An iron wood, 8 ins. diam., brs. N. 58° W.
 95 lks. dist. mkd. T 1 N R 20 W S 32 SCBT.
 Land, gently rolling.
 Soil, gravelly, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood, cat claw and giant cacti.

S. 89° 59' W. on the secant through sec. 32.
 Over gently rolling land, through dense timber and undergrowth.

5.00 Wash, 25 lks. wide, 2 ft. deep, course SW.
 13.55 Wash, 60 lks. wide, 2 ft. deep, course NW.
 28.50 Wash, 25 lks. wide, 2 ft. deep, course SW.
 No difference bet. measurements of 40.00 chs. by two sets of chainmen.

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

S 32
 SC $\frac{1}{4}$
 1916

from which,

An iron wood, 8 ins. diam., brs. N. 56° E.
 189 lks. dist. mkd. S C $\frac{1}{4}$ S 32 B T.

An iron wood 6 ins. diam., brs. N. 5° W.
 263 lks. dist. mkd. S C $\frac{1}{4}$ S 32 B T.

70.80 Wash, 45 lks. wide, 2 ft. deep, course NW.

74.00 Shallow wash, 40 lks. wide, course NW.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 3 lks.; position of middle point

By 1st set, 79.98 $\frac{1}{2}$ chs.

By 2nd set, 80.01 $\frac{1}{2}$ chs.; the mean of which, is

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 31 and 32, mkd. on brass cap

S C
 T 1 N R 20 W
 S31 | S32

1916

from which,

An iron wood, 6 ins. diam., brs. N. 22° E.

267 lks. dist. mkd. T 1 N R 20 W S 32 SCBT

An iron wood, 8 ins. diam., brs. N. 25° W.

412 lks. dist. mkd. T 1 N R 20 W S 31 SCBT.

Land, gently rolling.

Soil, gravelly, 2nd rate.

Timber, dense palo verde and iron wood.

Undergrowth, dense greasewood, cat claw and cacti.

S. 89° 59' W. on a secant S. of sec. 31.

Over gently rolling land, through scattering timber and dense undergrowth.

5.50 Enter wash, course W. from NE.

16.00 Leave wash, course NW. from E.

19.70 Road brs. NW. and SE.

22.10 Same road brs. NE. and SW.

Difference in measurements of 40.00 chs. by two sets of chainmen, is 1 lk.; the middle position of which

By 1st set, 40.00 $\frac{1}{2}$ chs.

By 2nd set, 39.99 $\frac{1}{2}$ chs.

Gila and Salt River Base Line through Range 20 W. 5

Chains

40.00

the mean of which is
N. 1 lk. from the secant
True point for standard $\frac{1}{4}$ sec. cor., falls in wash, 30
lks. wide, 2 ft. deep, course NW., therefore at

39.15

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

S 31
S C $\frac{1}{4}$
1916

from which,

An iron wood, 7 ins. diam., brs. N. 17° E.
18 lks. dist. mkd. W C S C $\frac{1}{4}$ S 31 B T.
An iron wood, 8 ins. diam., brs. N. 58 $\frac{1}{2}$ ° W.
110 lks. dist. mkd. W C S C $\frac{1}{4}$ S 31 B T.

52.70

Wash, 60 lks. wide, 3 ft. deep, course SW.

74.00

Enter wash, 45 lks. wide, course W. from SE.
Difference bet. measurements of 80.00 chs. by two sets of
chainmen, is 1 lk.; position of middle point
By 1st set, 80.00 $\frac{1}{2}$ chs.
By 2nd set, 79.99 $\frac{1}{2}$ chs.; the mean of which, is

80.00

N. 3 lks. from the secant
True point for standard cor. of Ts. 1 N., Rs. 20 and 21
W. falls in wash, therefore at a point 50 lks. N. of
true point
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
the ground, for witness cor. to standard cor. of Ts. 1 N.,
Rs. 20 and 21 W., marked on brass cap,

SC
T1N
R21W R20W
S36 | S31
W C
1916

from which,

An iron wood, 7 ins. diam., brs. N. 89° E.
162 lks. dist. mkd. W C T 1 N R 20 W S 31 S C B T.

No other trees within limits.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Land, gently rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, dense palo verde and iron wood.
Undergrowth, dense greasewood.

6 Survey of West bdy. of T. 1 N., R. 20 W.

Chains

From true point for stand. cor. of T. 1 N., R. 20 W. and 21, W., hereinbefore described,

North bet. secs. 31 and 36.

Over rolling land, through dense undergrowth.

40.50 Witness cor. to Std. Tp. cor., hereinbefore described.

40.00 True pt. for 1/4 sec. cor. falls in wash; course W. therefore at

40.60 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for W. C. to 1/4 sec. cor., mkd. on brass cap

S36|S31
WC 1/4
1916

from which,

An iron wood, 20 ins. diam., brs. S. 72 1/4° W.
33 lks. dist. mkd. WC 1/4 S 36 B T.

No other trees within limits.

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

52.60 Wash, 25 lks. wide, 3 ft. deep, course NW.

75.45 Ravine, 5 ft. deep, course W.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, mkd. on brass cap

T1N
S25|S30
R21W|S36|S31|R20W
1916

from which,

An iron wood, 16 ins. diam., brs. N. 27° W.
123 lks. dist. mkd. T 1 N R 21 W S 25 B T.

No other trees within limits.

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

Land, rolling.

Soil, gravelly 2nd rate.

Timber, palo verde and iron wood.

Undergrowth, dense greasewood.

North bet. secs. 25 and 30.

Over rolling land, through dense timber and undergrowth.

31.20 Wash, 45 lks. wide, 2 ft. deep, course W.

37.70 Wash, 45 lks. wide, 3 ft. deep, course W.

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

S25 1/4 | S30
1916

from which,

An iron wood, 12 ins. diam., brs. S. 3 1/2° E.
90 lks. dist. mkd. 1/4 S 30 B T.

No other trees within limits.

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

40.95 Wash, 30 lks. wide, 2 ft. deep, course W.

62.80 Wash, 25 lks. wide, 7 ft. deep, course SW.

80.00 True point for cor. of secs. 19, 24, 25 and 30, falls in wash, 30 lks. wide, 5 ft. deep, course W., therefore at

79.50 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for W. C. to cor. of secs. 19, 24, 25 and 30, mkd. on brass cap

T1N
S24 | S19
R21W | WC | R20W
S25 | S30
1916

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, gently rolling.
Soil, gravelly, 2nd rate.
Timber dense palo verde and iron wood.
Undergrowth, greasewood.

From true point for cor. of secs. 19, 24, 25 and 30,
North bet. secs. 19 and 24.
Over rolling land, through dense timber and undergrowth.
15.00 Wash, 25 lks. wide, 7 ft. deep, course W.
17.80 Wash, 15 lks. wide, 6 ft. deep, course SW.
38.60 Wash, 25 lks. wide, 4 ft. deep, course W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

S24¼|S19
1916

from which,
An iron wood, 6 ins. diam., brs. N. 44½° E.
121 lks. dist. mkd. ¼ S 19 B T.
An iron wood, 6 ins. diam., brs. N. 76¼° W.
64 lks. dist. mkd. ¼ S 24 B T.
41.00 Enter rolling hills bear NE. and SW.
58.80 Wash, 25 lks. wide, 15 ft. deep, course W.
60.00 Ravine, 15 ft. deep, course SW.
65.50 Foot of mountains brs. E. and W. Asc. along E. slope,
104 ft. to
78.00 Spur slopes SE. Desc. 24 ft. to
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in
the ground, to solid rock, in a mound of stone, for
cor. of secs. 13, 18, 19 and 24, mkd. on brass cap

T1N
S13|S18
R21W|S24|S19|R20W
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, rolling.
Soil, gravelly and rocky, 3rd and 4th rates.
Timber, palo verde and iron wood.
Undergrowth, greasewood.

North bet. secs. 13 and 18.
Over rolling mountainous land, through scattering timber
and undergrowth.
Asc. rocky SE. slope,
.40 Gulch, course SE. Asc. 211 ft. to
9.00 Spur slopes E. Desc. 24 ft. to
17.00 Asc. 47 ft. to
22.70 Ridge brs. E. and W. Desc. N. slope, 220 ft. to
32.10 Rocky gulch, course NE. Asc. 38 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

S13¼|S18
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Asc. 33 ft. to
42.35 Spur slopes NE. Desc. 169 ft. to
49.80 Rocky gulch, course NE. Desc. 40 ft. to
60.20 Ravine, 15 ft. deep, course NE.

8 West hdy. of T. 1 N., R. 20 W.

Chains

66.40 Enter rolling land, brs. NW. and SE.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, mkd. on brass cap

T1N
 R21W S12 | S 7 R20W
 S13 | S18
 1916

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

Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

North bet. secs. 7 and 12.
 Over rolling land, through scattering timber and undergrowth

25.20 Wash, 30 lks. wide, 4 ft. deep, course NW.
 28.90 Same wash; course NW. from SW. at bend.
 33.70 Wash, 60 lks. wide, 3 ft. deep; course NW.
 37.10 Foot of hills brs. NW. and SE. Asc. SW. slope, 23 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

S12¼ | S 7
 1916

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

Asc. 23 ft. to
 53.00 Low ridge brs. NW. and SE. Desc. gradual slope to
 59.00 Enter gently rolling land, brs. NW. and SE.
 73.00 Enter series of shallow washes course W.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, mkd. on brass cap

T1N
 R21W S 1 | S 6 R20W
 S12 | S 7
 1916

from which,
 An iron wood, 8 ins. diam., brs. N. 22½° W.
 170 lks. dist. mkd. T 1 N R 21 W S 1 B T.

No other trees within limits.
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, gravelly and rocky, 3rd and 4th rates.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood.

North bet. secs. 1 and 6.
 Over rolling land, through scattering timber and undergrowth.

Over a series of shallow washes course W.
 1.20 Wash, 25 lks. wide, course W.
 3.40 Wash, 40 lks. wide, 6 ft. deep, course W.
 7.00 Road brs. E. and W.
 17.30 Old road brs. NW. and SE.
 Enter low rolling hills sloping SW.
 22.80 Small wash, course SW.

West boundary of T. 1 N., R. 20 W.

Chains

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in in the ground, to solid rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 1 $\frac{1}{4}$ | S 6
1916

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

41.60

Rocky ravine, course W.

47.50

Gulch course SW. Foot of mountains brs. NW. and SE. Asc. rolling SW. slope, 96 ft. to

63.10

Spur slopes SW. Desc. 92 ft. to

71.15

Gulch, course W. Asc. SW. slope, 76 ft. to

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 1 and 2 N., Rs. 20 and 21 W., mkd. on brass cap

T2N
S36 | S31
R21WS 1 | S 6 R20W
T1N
1916

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

Land, rolling.

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

Timber, palo verde and iron wood.

Undergrowth, greasewood.

10 Survey of North bdy. of T. 1 N., R. 20 W.

Chains

From the cor. of Ts. 1 and 2 N., Rs. 19 and 20 W., which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General, under current Group No. 39.

Thence

West on a random line along N. bdy. of Tp., setting temp. 1/4 sec. and sec. cors., at intervals of 40.00 chs. and at

479.69

Fall 2 lks. N. of the cor. of Ts. 1 and 2 N., Rs. 20 and 21 W., hereinbefore described.

Thence

East on a true line bet. secs. 6 and 31.

Over rolling hilly land, through scattering timber and un-
undergrowth.

Desc. rolling SE. slope, 56 ft. to

10.05

Rocky gulch, course SW. Asc. along NW. slope, 56 ft. to

16.00

Desc. 37 ft. to

19.86

Rocky gulch, course NW. Asc. 139 ft. to

33.50

Ridge brs. NW. and SE. Desc. NW. slope, 85 ft. to

39.69

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 31

1/4

S 6

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Desc. gradual slope to

45.00

Enter low rolling hills bear NW. and SE.

50.80

Rocky wash, course S. Asc. 46 ft. to

51.80

Top of bank, 40 ft. high, brs. N. and S. Desc. 18 ft. to

58.00

Ravine, 10 ft. deep, course SW.

70.00

Ravine, 5 ft. deep, course SW.

79.69

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, mkd. on brass cap

T2N

S31 | S32

S6 | S 5 R20W

T1N

1916

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

Land, rolling and hilly.

Soil, rocky, 3rd and 4th rates.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood.

East on a true line bet. secs. 5 and 32.

Over rolling land, through scattering timber and under-
growth.

3.70

Wash, 25 lks. wide, 4 ft. deep, course SW. Asc. 57 ft. to

14.10

Spur slopes S. Desc. 52 ft. to

20.40

Rocky wash 30 lks. wide, 10 ft. deep, course SW. Thence
over rolling land to

35.00

Foot of ridge brs. NW. and SE. Asc. SW. slope 90 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

North bdy. of T. 1 N., R. 20 W.

Chains

S 32
 $\frac{1}{4}$
 S 5
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 Asc. SW. slope, 180 ft. to
 51.00 Top of ridge brs. NW. and SE. Desc. NE. slope, 317 ft. to
 68.50 Foot of ridge brs. NW. and SE. Thence over rolling land to
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
 the ground, for cor. of secs. 4, 5, 32 and 33, mkd.
 on brass cap

T2N
 S32 | S33
 S 5 | S 4 R20W
 T1N
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pale verde and iron wood.
 Undergrowth, greasewood, ocotillos and giant cacti.

40.00 East on a true line bet. secs. 4 and 33.
 Over gently rolling land, through dense timber and under-
 growth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

from which,
 An iron wood, 5 ins. diam., brs. N. 48° W.
 144 lks. dist. mkd. $\frac{1}{4}$ S 33 B.T.
 An iron wood, 6 ins. diam., brs. S. 66° E.
 131 lks. dist. mkd. $\frac{1}{4}$ S 4 B.T.
 52.00 Leave dense timber and undergrowth and enter scattering
 timber and undergrowth.
 78.00 Road brs. N. and S.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
 the ground, for cor. of secs. 3, 4, 33 and 34, mkd.
 on brass cap

T2N
 S33 | S34
 S 4 | S 3 R20W
 T1N
 1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, nearly level.
 Soil, gravelly, 1st and 2nd rate.
 Timber, palo verde and iron wood.
 Undergrowth, dense greasewood and scattering giant cacti.

12

North bdy. of T. 1 N., R. 20 W.

Chains

East on a true line bet. secs. 3 and 34.
Over level land, through scattering timber and dense undergrowth.

8.50
36.35
40.00

Dim road brs. NW and SE.
Dim road brs. NE and SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 34
 $\frac{1}{4}$
S 3
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00

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

T2N
S34 | S35
S 3 | S 2 R20W
T1N
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Timber, scattering palo verde and iron wood.
Undergrowth, dense greasewood.

East on a true line bet. secs. 2 and 35.
Over level land, through dense undergrowth.

40.00

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

S 35
 $\frac{1}{4}$
S 2
1916

and dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, mkd. on brass cap

T2N
S35 | S36
S 2 | S 1 R20W
T1N
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, greasewood.

North bdy. of T. 1 N., R. 20 W.

Chains

East on a true line bet. secs. 1 and 36.
 Over level land, through scattering timber and undergrowth.

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

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

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.60 Road brs. NE. and SW.
 54.00 Road brs. N. and S.
 62.20 Small ravine, 4 ft. deep, course NE.
 67.00 Wash, 30 lks. wide, 6 ft. deep, course N.
 80.00 The cor. of Ts. 1 and 2 N., Rs. 19 and 20 W., hereinbefore described.

Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, dense greasewood.

Chains

From the standard cor. of secs. 35 and 36, on S. bdy. of Tp., (Gila & Salt River Base Line), hereinbefore described, N. 0° 1' W. bet. secs. 35 and 36.

19.40
35.07
40.00

Over level and gently rolling land, through scattering timber and undergrowth.

Road brs. NW. and SE.

Road brs. E. and W.

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

S35 1/4 | S36
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

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, mkd. on brass cap

T 1N R20W
S26 | S25
S35 | S36
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, gravelly, 2nd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood.

40.00
80.04

East on a random line bet. secs. 25 and 36.

Set temp. 1/4 sec. cor.

Intersect E. bdy. of Tp., 2 lks. N. of cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam. properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39.

Thence

N. 89° 59' W. on a true line bet. secs. 25 and 36.

Over level land, through scattering timber and undergrowth.

40.02

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

S 25
1/4
S 36
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

72.34
80.04

Dim road brs. NW. and SE.

The cor. of secs. 25, 26, 35 and 36.
Land, level. Soil, 1st and 2nd rate.
Timber, scattering mesquite.
Undergrowth, greasewood.

Subdivision of T. 1 N., R. 20 W.

Chains

7.30 N. 0° 1' W. bet. secs. 25 and 26.
Over level land, through scattering timber and undergrowth.
Dim road brs. 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., mkd. on brass cap

S26 $\frac{1}{4}$ |S25
1916

dig pits, 18 X 18 X 12 ins., N and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

50.00 Enter dense growth of mesquite brs. NW. and SE.

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, mkd. on brass cap

T 1N R20W
S23|S24
S26|S25
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, mesquite.
Undergrowth, greasewood.

40.00 East on a random line bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect N. bdy. of Twp. 3 lks. S. of cor. of secs. 19, 24, 25 and 30, which, is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39.

Thence
S. 89° 59' W. on a true line bet. secs. 24 and 25.
Over level land, through scattering timber and dense undergrowth.

4.75 Enter dense growth of mesquite.

35.00 Leave dense mesquite brs. N. and S.

31.90 Dim road brs. NW. and SE.

39.99 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 24
 $\frac{1}{4}$
S 25
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

79.99 The cor. of secs. 23, 24, 25 and 26
Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, mesquite.
Undergrowth, greasewood.

N. 0° 1' W. bet. secs. 23 and 24.
Over level land, through scattering timber and dense undergrowth.

20.00 Leave dense undergrowth brs. E. and W. thence through scattering undergrowth.

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

16

Subdivision of T. 1 N., R. 20 W.

Chains

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

S23 $\frac{1}{4}$ |S24
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

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, mkd. on brass cap

T 1N R20W
S14|S13
S23|S24
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

East on a random line bet. secs. 13 and 24.

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

80.00 Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39.

Thence
S. 89° 58' W. on a true line bet. secs. 13 and 24.

Over level land, through scattering timber and dense undergrowth.

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

S 13
 $\frac{1}{4}$
S 24
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

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

Land, level.
Soil, gravelly, 2nd rate.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

N. 0° 1' W. bet. secs. 13 and 14.

Over level land, through scattering timber and dense undergrowth.

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

S14 $\frac{1}{4}$ |S13
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Subdivision of T. 1 N., R. 20 W.

Chains
68.55
80.00

Road brs. NE. and SW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, mkd. on brass cap

T 1N R20W
S11|S12
S14|S13
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, Gravelly, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

40.00
80.01

East on a random line bet. secs. 12 and 13.
Set temp. ¼ sec. cor.
Intersect E. bdy. of Tp., 8 lks. S. of cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. diam. properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39.

Thence
S. 89° 57' W. on a true line bet. secs. 12 and 13.
Over level land, through scattering timber and dense undergrowth.

34.55
40.00½

Wash, 8 lks. wide, 4 ft. deep, course N.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

S 12
¼
S 13
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

75.70
80.01

Road brs. NE. and SW.
The cor. of secs. 11, 12, 13 and 14.
Land, level.
Soil, gravelly, 1st and 2nd rate.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

40.00

N. 0° 1' W. bet. secs. 11 and 12.
Over level land, through scattering timber and dense undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

S11¼|S12
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

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, mkd. on brass cap

18

Subdivision of T. 1 N., R. 20 W.

Chains

T 1N R20W
S 2 | S 1
S 11 | S 12
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, gravelly, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood and mesquite brush.

40.00 East on a random line bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect E. bdy. of Tp. 10 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under current Group No. 39.
Thence
S. $89^{\circ} 56'$ W. on a true line bet. secs. 1 and 12.
Over level land, through scattering timber and undergrowth.
9.65 Ravine, 4 ft. deep, course N.
18.35 Wash, 25 lks. wide, 4 ft. deep, course NE.
33.55 Road brs. NE. and SW.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 1
 $\frac{1}{4}$
S 12
1916

dig pits 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.04 The cor. of secs. 1, 2, 11 and 12.
Land, level.
Soil, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

40.00 N. $0^{\circ} 1'$ W. on a random line bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
80.07 Intersect N. bdy. of Tp., 6 lks. W. of cor. of secs. 1, 2, 35 and 36, hereinbefore described.
Thence
S. $0^{\circ} 2'$ W. on a true line bet; secs. 1 and 2.
Over level land, through scattering timber and undergrowth.
24.20 Road brs. NE. and SW.
33.77 Old road brs. NE. and SW.
40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S $2\frac{1}{4}$ | S 1
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of T. 1 N., R. 20 W.

Chairs
80.07

The cor. of secs. 1, 2, 11 and 12.
Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

From the standard cor. of secs. 34 and 35, on S. bdy. of Tp.
(Gila Salt River Base Line) hereinbefore described.

5.00
13.80

N. 0° 1' W. bet. secs. 34 and 35.
Over gently rolling land, through scattering timber and undergrowth.

35.00
40.00

Low divide brs. NW. and SE.
E. end of spur slopes E.
Thence over level land.
Enter dense undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S34 $\frac{1}{4}$ |S35
1916

59.20
80.00

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Road brs. NE. and SW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, mkd. on brass cap

T 1N R20W
S27|S26
S34|S35
1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, gently rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, mesquite and palo verde.
Undergrowth, greasewood, ocotillos and giant cacti.

40.00
79.95

East on a random line bet. secs. 26 and 35.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line at cor. of secs. 25, 26, 35 and 36.

22.75
39.97 $\frac{1}{2}$

Thence
West on a true line bet. secs. 26 and 35.
Over level land, through scattering timber and undergrowth.
Road brs. N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 26
 $\frac{1}{4}$
S 35
1916

67.05
79.95

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Road brs. NE. and SW.
The cor. of secs. 26, 27, 34 and 35.

20

Subdivision of T. 1 N., R. 20 W.

Chains

Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, scattering mesquite and palo verde.
Undergrowth, dense greasewood.

40.00 N. 0° 1' W. bet. secs. 26 and 27.
Over level land, through scattering timber and undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S27 $\frac{1}{2}$ |S26
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

49.60 Wash, 15 lks. wide, 2 ft. deep, course NE.

Enter dense growth of timber and undergrowth.

80.00 True point for cor. of secs. 22, 23, 26 and 27, falls in wash, 25 lks. wide, 3 ft. deep, course NE. therefore at

79.60 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for W. C. to cor. of secs. 22, 23, 26 and 27, mkd. on brass cap

T 1N, R20W
S22|S23
W C
S27 $\frac{1}{2}$ |S26
1916

from which,

An iron wood limb, 6 ins. diam., brs. N. 44° E.
85 lks. dist., mkd WCT 1 N R 20 W S 23 B T.

An iron wood, 6 ins. diam., brs. N. 55 $\frac{1}{2}$ ° W.
88 lks. dist. mkd. W C T 1 N R 20 W S 22 B T.

No other trees within limits.

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

Land, level.

Soil, gravelly, 2nd and 3rd rates.

Timber, iron wood and palo verde.

Undergrowth, greasewood, ocotillos and giant cacti.

40.00 From the true point for cor. of secs. 22, 23, 26 and 27,
East on a random line bet. secs. 23 and 26.

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

Intersect N. and S. line at the cor. of secs. 23, 24, 25 and 26.

Thence

West on a true line bet. secs. 23 and 26.

Over level land, through scattering timber and undergrowth.

36.27 Road brs. NE. and SW.

40.03 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 23
 $\frac{1}{4}$
S 26
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Note: Diagrams of cor. markings of the corners herein described, are in accordance with Surveyor Kimmel's verbal and diagramatic instructions.

Doc

BOOK

8179

Subdivision of T. 1 N., R. 20 W.

Chains

80.07

The true point for cor. of secs. 22, 23, 26 and 27,
Land, level.
Soil, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood.

From the true point for cor. of secs. 22, 23, 26 and 27,
N. 0° 1' W. bet. secs. 22 and 23.
Over gently rolling land, through scattering timber and
undergrowth.

21.50

Small wash, course E.

30.81

Wash, 15 lks. wide, 5 ft. deep, course NE.

34.85

Wash, 6 lks. wide, 4 ft. deep, course NE.

39.00

Foot of hill brs. E. and W. Asc. S. slope.

40.00

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

S22 $\frac{1}{4}$ |S23
1916

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

43.30

Top of hill brs. E. and W. Desc. to

49.00

Foot of hill brs. E. and W.

62.40

Wash, 25 lks. wide, 3 ft. deep, course NE.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 14, 15, 22 and 23, mkd.
on brass cap

T 1N R20W
S15|S14
S22|S23
1916

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

Land, gently rolling.

Soil, gravelly, 2nd and 3rd rates.

Timber, scattering palo verde and iron wood.

Undergrowth, dense greasewood.

East on a random line bet. secs. 14 and 23.

40.00

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

80.06

Intersect N. and S. line, 5 lks. S. of cor. of secs. 13,
14, 23 and 24,

Thence

S. 89° 58' W. on a true line bet. secs. 14 and 23.

Over level land, through scattering timber and dense
undergrowth.

18.66

Road brs. N. and S.

40.03

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

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

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high, N. of cor.

80.06

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

Land, level.

Soil, gravelly, 1st and 2nd rates.

Timber, palo verde and iron wood.

Undergrowth, dense greasewood and mesquite brush.

22

Subdivision of T. 1 N., R. 20 W.

Chains

N. 0° 1' W. bet. secs. 14 and 15.
Over level land, through scattering timber and dense undergrowth.

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

S15 1/4 | S14
1916

from which,

An iron wood, 7 ins. diam., brs. S. 58 1/2° E.
157 lks. dist. mkd. 1/4 S 14 B T.

An iron wood, 6 ins. diam., brs. S. 2 1/4° W.
277 lks. dist. mkd. 1/4 S 15 B T.

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, mkd. on brass cap

T 1N R20W
S10 | S11
S15 | S14
1916

dig pits, 18 X 18 X 12 ins., in each sec.; 5 1/2 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, gravelly, 1st and 2nd rates.

Timber, palo verde and iron wood.

Undergrowth, dense greasewood and giant cacti.

East on a random line bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.03 Intersect N. and S. line, 2 lks. S. of cor. of secs. 11, 12, 13 and 14.

Thence

S. 89° 59' W. on a true line bet. secs. 11 and 14.

Over level land, through scattering timber and dense undergrowth.

40.01 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 11
1/4
S 14
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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

Land, level.

Soil, 1st rate.

Timber, scattering mesquite.

Undergrowth, dense greasewood.

N. 0° 1' W. bet. secs. 10 and 11.

Over level land, through scattering timber and dense undergrowth.

31.20 Old road brs. E. and W.

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

Subdivision of T. 1 N. R. 20 W.

Chains

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

70.74 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Old road brs. E. and W.
 72.00 Enter dense mesquite brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, mkd. on brass cap

T 1N R20W
S 3|S 2
S10|S11
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, level.
 Soil, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, dense greasewood and mesquite brush.

40.00 East on a random line bet. secs. 2 and 11.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 3 lks. N. of cor. of secs. 1, 2, 11 and 12.
 Thence
 N. 89° 59' W. on a true line bet. secs. 2 and 11.
 38.00 Over level land, through dense undergrowth.
 Leave dense undergrowth, thence through scattering undergrowth.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 2
 $\frac{1}{4}$
S 11
1916

80.04 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 The cor. of secs. 2, 3, 10 and 11.
 Land, level.
 Soil, 1st rate.
 No timber.
 Undergrowth, dense greasewood and mesquite underbrush.

40.00 N. 0° 1' W. on a random line bet. secs. 2 and 3.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
 Thence
 South on a true line bet. secs. 2 and 3.
 Over level land, through dense undergrowth.
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 3 $\frac{1}{4}$ |S 2
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

24

Subdivision of T. 1 N., R. 20 W.

Chains

59.43

Road brs. NE. and SW.

80.09

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

Land, level.

Soil, 1st rate.

No timber.

Undergrowth, dense greasewood and mesquite brush.

From the standard cor. of secs. 33 and 34, on S. bdy. of Tp.,
(Gila and Salt River Base Line) hereinbefore described,
N. 0° 2' W. bet. secs. 33 and 34.

Over rolling land, through scattering timber and under-
growth.

6.70

Road brs. E. and W.

11.30

Wash, 45 lks. wide, 2 ft. deep, course W. Asc. gradual
slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground, to solid rock, in a mound of stone, for $\frac{1}{4}$
sec. cor., mkd. on brass cap

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

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

53.50

Foot of mountains brs. NE. and SW. Asc. SE. slope,
111 ft. to

64.50

Spur slopes SW. Asc. SW. slope, 256 ft. to

77.50

Spur slopes SE. Asc. gradual slope to

79.00

Spur slopes SW. Thence along W. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. diam., on surface
rock, in a mound of stone, for cor. of secs. 27, 28,
33 and 34, mkd. on brass cap

T 1N R20W
S28|S27
S33|S34
1916

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

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber scattering palo verde and iron wood.

Undergrowth, greasewood and ocotillos.

40.00

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

80.11

Set temp. $\frac{1}{4}$ sec. cor.Intersect N. and S. line, 5 lks. S. of cor. of secs.
26, 27, 34 and 35.

Thence

S. 89° 58' W. on a true line bet. secs. 27 and 34.

Over rolling mountainous land, through scattering timber
and undergrowth.

Asc. gradual SE. slope 40 ft. to

9.31

Foot of mountains brs. N. and S. Asc. SE. slope, 264 ft. to

25.31

Spur slopes SW. Desc. along W. slope 227 ft. to

35.81

Rocky gulch, course S. Thence over rolling land.

40.05

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
the ground, to solid rock, in a mound of stone, for
 $\frac{1}{4}$ sec. cor., mkd. on brass cap

Subdivision of T. 1 N., R. 20 W.

Chains

S 27
 $\frac{1}{4}$
S 34
1916

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

48.76 Rocky gulch, course SE. Asc. 80 ft. to
 53.11 End of rocky spur slopes S. Desc. 44 ft. to
 55.00 Asc. 113 ft. to
 65.00 Spur slopes S. Asc. along SE. slope 161 ft. to
 79.00 Spur slopes SW. Desc. W. slope, 41 ft. to
 80.11 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling mountainous.
 Soil, rocky 3rd and 4th rates.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

N. $0^{\circ} 2'$ W. bet. secs. 27 and 28.
 Over rolling mountainous land, through scattering timber and undergrowth.
 Asc. 69 ft. to
 5.20 Spur slopes NW. Desc. NE. slope 317 ft. to
 15.20 Rocky gulch, course NW.
 20.65 Gulch, course W. Asc. S. slope, 111 ft. to
 29.00 Spur slopes SW. Asc. 92 ft. to
 37.63 Spur slopes W. Desc. along rolling W. slope 15 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S28 $\frac{1}{4}$ |S27
1916

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

46.00 Desc. 96 ft. to
 47.60 Asc. 36 ft. to
 58.46 Desc. 63 ft. to
 69.00 Ravine, 4 ft. deep, course W. Asc. SW. slope, 143 ft. to
 71.70 Spur slopes W. Desc. 100 ft. to
 72.50 Ravine, course W. Asc. 92 ft. to
 76.45 Rocky spur slopes SW.
 80.00 Spur slopes W. Desc. NW. slope, 61 ft. to
 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

T 1N R20W
S21|S22
S28|S27
1916

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

Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

40.00 East on a random line bet. secs. 22 and 27.
 80.09 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 8 lks. S. of true point for cor. of secs. 22, 23, 26 and 27.
 Thence
 S. $89^{\circ} 57'$ W. on a true line bet. secs. 22 and 27.

26

Subdivision of T. 1 N., R. 20 W.

Chains

- Over rolling mountainous land, through scattering timber and undergrowth.
- 9.29 Ravine, 6 ft. deep, course SE.
40.04 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
- S 22
 $\frac{1}{4}$
S 27
1916
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 43.80 Foot of mountains brs. NW. and SE. Asc. 52 ft. to
46.29 Spur slopes SE. Desc. gradual slope to
50.10 Ravine, course SE. Asc. 412 ft. to
71.00 End of rocky spur slopes NE. Desc. 306 ft. to
80.09 The cor. of secs. 21, 22, 27 and 28.
Land, rolling mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and ocotillos.
-
- N. 0° 2' W. bet. secs. 21 and 22.
Over rolling mountainous land, through scattering timber and undergrowth.
- 8.00 Desc. along NW. slope, 42 ft. to
15.60 Gulch, course W. Asc. S. slope, 142 ft. to
31.30 Spur slopes SW. Asc. rolling SW. slope, 171 ft. to
38.53 Rocky gulch, course E. Asc. S. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
- S21 $\frac{1}{4}$ |S22
1916
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Asc. 309 ft. to
- 49.60 Ridge brs. NW. and SE. Desc. along rocky NE. slope, 283 ft. to
58.00 Asc. 25 ft. to
60.40 Small spur slopes NE. Asc. 24 ft. to
66.55 Spur slopes NE. Desc. 340 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, mkd. on brass cap
- T 1N R20W
S16|S15
S21|S22
1916
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, rolling mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood, ocotillos and cacti.
-
- East on a random line bet. secs. 15 and 22.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.01 Intersect N. and S. line, 23 lks. S. of cor. of secs. 14, 15, 22 and 23.

Chains

Thence.
 S. 89° 50' W. on a true line bet. secs. 15 and 22.
 Over rolling land, through scattering timber and under-
 growth.

22.70
 28.30
 35.20
 40.00¹/₂

Wash, 25 lks. wide, 4 ft. deep, course NE.
 Ravine 6 ft. deep, course NE.
 Ravine, 6 ft. deep, course NW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for ¹/₄ sec. cor., mkd. on brass cap

S 15
¹/₄
 S 22
 1916

and raise a mound of stone, 2 ft. base, 1¹/₂ ft. high,
 N. of cor.

57.00
 67.00
 70.00
 80.01

Ravine, course NE.
 Ravine, course N.
 Foot of mountains, Asc. NE. slope, 103 ft. to
 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

N. 0° 2' W. bet. secs. 15 and 16.
 Over rolling land, through scattering timber and under-
 growth.

10.75
 15.60
 17.70
 26.40
 40.00

Desc. NE. slope 133 ft. to
 Ravine, 5 ft. deep, course NE. Foot of mountains brs.
 NW. and SE. Thence over gently rolling land.
 Ravine, 5 ft. deep, course NE.
 Ravine, 8 ft. deep, course NE.
 Ravine, 9 ft. deep, course E.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for ¹/₄ sec. cor., mkd. on brass cap

S16¹/₄ | S15
 1916

and raise a mound of stone, 2 ft. base, 1¹/₂ ft. high,
 W. of cor.

46.00
 62.75
 80.00

Ravine, 5 ft. deep, course NE.
 Ravine, 4 ft. deep, course NE.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 9, 10, 15 and 16, mkd.
 on brass cap

T 1N R20W
 S 9 | S10
 S16 | S15
 1916

from which,
 An iron wood, 8 ins. diam., brs. S. 26° E.
 95 lks. dist. mkd. T 1 N R 20 W S 15 B T.

No other trees within limits.
 Raise a mound of stone, 2 ft. base, 1¹/₂ ft. high, W. of cor.
 Land, rolling.
 Soil, rocky and gravelly, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

Chains	East on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.,
80.04	Intersect N. and S. line, 23 lks. S. of cor. of secs. 10, 11, 14 and 15.
	Thence
	S. $89^{\circ} 50'$ W. on a true line bet. secs. 10 and 15.
	Over gently rolling land, through scattering timber and dense undergrowth.
40.02	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
	S 10 $\frac{1}{4}$ S 15 1916
	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
69.75	Wash, 25 lks. wide, 4 ft. deep, course NW.
72.85	Wash, 15 lks. wide, 7 ft. deep, course N.
80.04	The cor. of secs. 9, 10, 15 and 16.
	Land, gently rolling.
	Soil, 1st and 2nd rates.
	Timber, palo verde and iron wood.
	Undergrowth, dense greasewood and giant cacti.
	N. $0^{\circ} 2'$ W. bet. secs. 9 and 10.
	Over level land, through scattering timber and dense undergrowth.
19.00	Wash, 25 lks. wide, 4 ft. deep, course W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
	S $9\frac{1}{4}$ S10 1916
	from which,
	A mesquite, 5 ins. diam., brs. N. $87\frac{3}{4}^{\circ}$ E.
	93 lks. dist. mkd. $\frac{1}{4}$ S 10 B T.
	No other trees within limits.
	Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
42.80	Road brs. NE. and SW.
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, mkd. on brass cap
	T 1N R20W S 4 S 3 S 9 S10 1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, gently rolling.
	Soil, 2nd rate.
	Timber, scattering palo verde, iron wood and mesquite.
	Undergrowth, dense greasewood.
	East on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 28 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Subdivision of T. 1 N., R. 20 W.

Chains

Thence
S. 89° 48' W. on a true line bet. secs. 3 and 10.
Over level land, through scattering timber and dense undergrowth.

35.55 Road brs. NE. and SW
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 3
 $\frac{1}{4}$
S 10
1916

80.04 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
The cor. of secs. 3, 4, 9 and 10.
Land, level.
Soil, gravelly, 1st and 2nd rates.
Timber, scattering mesquite.
Undergrowth, dense greasewood and mesquite brush.

40.00 N. 0° 2' W. on a random line bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
80.29 Intersect N. bdy. of Tp., 14 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence
S. 0° 4' W. on a true line bet. secs. 3 and 4.
Over level land, through scattering timber and dense undergrowth.

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

S 4 $\frac{1}{4}$ | S 3
1916

80.29 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
The cor. of secs. 3, 4, 9 and 10.
Land, level.
Soil, 1st and 2nd rates.
Timber, scattering palo verde and iron wood.
Undergrowth, dense greasewood.

From the standard cor. of secs. 32 and 33, on S. bdy. of Tp., (Gila and Salt River Base Line), hereinbefore described,
N. 0° 2' W. bet. secs. 32 and 33.
Over rolling land, through scattering timber and undergrowth.

1.90 Wash, 45 lks. wide, 2 ft. deep, course W.
8.60 Asc. gradual slope, 58 ft. to
28.00 Spur slopes SW. Desc. 23 ft. to
33.00 Asc. 35 ft. to
35.00 Spur slopes SW. Desc. 51 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 32 $\frac{1}{4}$ | S 33
1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Desc. to
41.00 Ravine, course SW. Asc. 37 ft. to

30

Subdivision of T. 1 N., R. 20 W.

Chains

47.75 Spur slopes W. Desc. along NW. slope 80 ft. to
 78.90 Ravine, 3 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. 28, 29, 32 and 33, mkd.
 on brass cap

T. 1N R20W
 S29|S28
 S32|S33
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, rolling.
 Soil, rocky, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

40.00 East on a random line bet. secs. 28 and 33.
 Set temp. ¼ sec. cor.
 80.03 Intersect N. and S. line, 3 lks. N. of cor. of secs.
 27, 28, 33 and 34.

Thence
 N. 89° 59' W. on a true line bet. secs. 28 and 33.
 Over rolling mountainous land, through scattering timber
 and undergrowth.

8.53 Desc. 121 ft. to
 20.00 Spur slopes NW. Desc. 108 ft. to
 21.03 Asc. 24 ft. to
 37.23 Spur slopes NW. Desc. NW. slope, 86 ft. to
 40.01½ Wash, 25 lks. wide, 4 ft. deep, course SW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for ¼ sec. cor., mkd. on brass cap

S 28
 ¼
 S 33
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 45.38 Same wash, course NW. Asc. 54 ft. to spur.
 50.48 Ravine, course N.
 56.00 Spur slopes N. Desc. 38 ft. to
 80.03 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, rocky 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

N. 0° 2' W. bet. secs. 28 and 29.
 Over rolling and hilly land, through scattering timber and
 undergrowth.
 4.60 Wash, 30 lks. wide, 5 ft. deep, course W. Asc. gradual sl
 slope to
 11.30 Spur slopes W. Desc. gradual slope to
 29.00 Wash, 30 lks. wide, 15 ft. deep, course W. Asc. gradual
 slope to
 36.50 Foot of mountains brs. E. and W. Asc. S. slope, 48 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, to solid rock, in a mound of stone, for ¼
 sec. cor., mkd. on brass cap

S29¼|S28
 1916

Subdivision of T. 1 N., R. 20 W.

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Asc. 129 ft. to
46.50 Spur slopes SW. Desc. 52 ft. to
52.00 Asc. 104 ft. to
58.85 Spur slopes SW. Thence over rolling slope to
60.30 Spur slopes SW. Desc. 178 ft. to
69.40 Ravine, 8 ft. deep, course W.
70.40 Wash, 30 lks. wide, 7 ft. deep, course W. Asc. S. slope,
154 ft. to
76.00 Spur slopes W. thence along W. slope. Desc. 102 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
ground, to solid rock, in a mound of stone, for cor.
of secs. 20, 21, 28 and 29, mkd. on brass cap

T 1N R20W
S20|S21
S29|S28
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rates.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and ocotillos.

East on a random line bet. secs. 21 and 28.
40.00 Set temp. ¼ sec. cor.
80.04 Intersect N. and S. line, 18 lks. S. of cor. of secs.
21, 22, 27 and 28.
Thence
S. 89° 52' W. on a true line bet. secs. 21 and 28.
Over rolling mountainous land, through scattering timber
and undergrowth.
9.00 Wash, 25 lks. wide, 4 ft. deep, course SW.
10.90 Same wash, course N.
18.00 Same wash, course S.
24.20 Small ravine, course SE. Asc. over rolling slope, 124 ft.
to
31.25 Spur slopes SW. Desc. 126 ft. to
38.30 Small ravine, course S.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in
the ground, to solid rock, in a mound of stone, for
¼ sec. cor., mkd. on brass cap

S 21
¼
S 28
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
Asc. SE, slope 95 ft. to
45.00 Spur slopes SW. Desc. NW. slope, 106 ft. to
63.00 Wash, 75 lks. wide, 12 ft. deep, course SW. Desc. gradual
slope to
66.70 Rocky gulch, course S. Asc. 170 ft. to
74.60 Spur slopes S. Desc. W. slope, 115 ft. to
80.04 The cor. of secs. 20, 21, 28 and 29.
Land, rolling mountainous.
Soil, rocky, 4th rates.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and ocotillos.

32

Subdivision of T. 1 N., R. 20 W.

Chains

N. 0° 2' W. bet. secs. 20 and 21.
 Over rolling mountainous land, through scattering timber and undergrowth.
 Asc. S. slope, 124 ft. to
 5.80 Spur slopes W. Desc. N. slope, 124 ft. to
 11.80 Ravine, course W. Asc. S. slope, 106 ft. to
 16.85 Spur slopes W. Desc. N. slope, 124 ft. to
 21.82 Rocky wash, 30 lks. wide, 8 ft. deep, course W. Asc. S. slope, 100 ft. to
 27.15 Spur slopes SW. Asc. along rolling W. slope, 69 ft. to
 40.00 True point for $\frac{1}{4}$ sec. cor., falls on sloping rock, therefore at
 40.20 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to solid rock, in a mound of stone, for W. C. to $\frac{1}{4}$ sec. cor., mkd. on brass cap

S20|S21
 W01
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Asc. 174 ft. to
 47.00 Rocky gulch, course, SW. Asc. 114 ft. to
 53.30 Spur slopes SW. Asc. along W. slope, 126 ft. to
 64.10 Rocky gulch, course SW. Asc. SE. slope, 449 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, mkd. on brass cap

T 1N R20W
 S17|S16
 S20|S21
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling mountainous.
 Soil, rocky, 4th rates
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ecotillos.

40.00 East on a random line bet. secs. 16 and 21.
 79.90 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 42 lks. S. of cor. of secs. 15, 16, 21 and 22,
 Thence
 S. 89° 42' W. on a true line bet. secs. 16 and 21.
 Over rolling mountainous land, through scattering timber and undergrowth.
 Asc. 310 ft. along NE. slope to
 13.80 Spur slopes NW. Desc. W. slope, 276 ft. to
 22.10 Rocky gulch, course N. Asc. 397 ft. to
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to solid rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 Asc. 463 ft. to
 49.40 Spur slopes N. Desc. 22 ft. to
 52.00 Asc. NE. slope, 186 ft. to
 59.40 Ridge brs. NW. and SE. Desc. 30 ft. to

Subdivision of T. 1 N., R. 20 W.

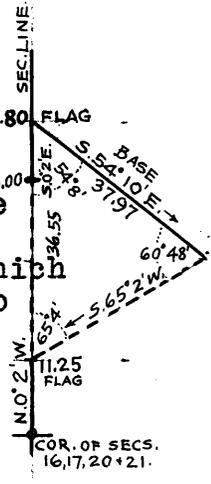
Chains

65.00 Asc. 135 ft. to
70.70 Spur slopes S. Desc. 125 ft. to
79.90 The cor. of secs. 16, 17, 20 and 21.
Land, rolling mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and ocotillos.

N. 0° 2' W. bet. secs. 16 and 17.
Over mountainous land, through scattering timber and undergrowth.

3.75 Asc. 136 ft. to
6.64 Spur slopes SW. Asc. 45 ft. to
11.25 Ridge brs. NW. and SE. Desc. along E. slope, 49 ft. to
Rocky spur slopes E. At this point I set a flag on line to be used in triangulation.

I set a flag on line to the north of my station, from which I lay off a base, S. 54° 10' E., 37.97 chs, dist. to a point from which the flag set at 11.25 chs. brs. S. 65° 02' W. The angles in order of the bearings are respectively, 65° 4', 54° 8' and 60° 48', the sum of which is 180° 00', and the required dist. is $\frac{\sin 60^\circ 48' \times 37.97}{\sin 65^\circ 4'}$ or $\frac{.87292 \times 37.97}{.90680} = 36.55$ chs. and 36.55 + 11.25 =



47.80 Point on line at which flag was set, 904 ft. below top of Thence S. 0° 2' E.

40.00 Asc. NE. slope; 143 ft. to
Set an iron post, 3 ft. long, 1 in. diam., on surface rock in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S17 1/4 | S16
1916

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

Thence N.
N. 0° 2' W.

47.80 Desc. NE. slope, 143 ft. to
Point of triangulation on line. Desc. NE. slope, 211 ft. to

58.10 Rocky gulch, course NW. Asc. SW. slope, 103 ft. to
68.75 Spur slopes NW. Desc. NE. slope, 219 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, mkd. on brass cap

T 1N R20W
S 8 | S 9
S17 | S16
1916

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

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and ocotillos.

40.00 East on a random line bet. secs. 9 and 16.
Set temp. 1/4 sec. cor.
79.86 Intersect N. and S. line, 28 lks. S. of cor. of secs. 9, 10, 15 and 16.

Thence
S. 89° 48' W. on a true line bet. secs. 9 and 16.

Chains

Over rolling land, through scattering timber and undergrowth.

33.36 Wash, 60 lks. wide, 8 ft. deep, course N.

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

S 9
1/4
S 16
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

56.36 Wash, 30 lks. wide, 4 ft. deep, course NW.

57.26 Wash, 45 lks. wide, 6 ft. deep, course N.

62.66 Ravine, 5 ft. deep, course NW.

73.46 Gulch, course N. Foot of mountains brs. NW. and SE.

Asc. NE. slope, 63 ft. to

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

Land, rolling.

Soil, rocky, 3rd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood and ocotillos.

N. 0° 2' W. bet. secs. 8 and 9.

Over rolling land, through scattering timber and undergrowth.

Desc. NE. slope, 73 ft. to

8.00 Enter gently rolling land brs. NW. and SE. Desc. gradual NE. slope, 29 ft. to

21.90 Wash, 15 lks. wide, 3 ft. deep, course NW.

33.80 Wash, 45 lks. wide, 3 ft. deep, course W.

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

S 8 1/4 | S 9
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

41.80 Road brs. E. and W.

74.40 Ravine, 4 ft. deep, course W.

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

T 1N R20W
S 5 | S 4
S 8 | S 9
1916

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

Land, rolling.

Soil, 2nd and 3rd rates.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood.

40.00 East on a random line bet. secs. 4 and 9.

79.98 Set temp. 1/4 sec. cor.

Intersect N. and S. line, 31 lks. S. of cor. of secs. 3, 4, 9 and 10,

Thence

S. 89° 47' W. on a true line bet. secs. 4 and 9.

Subdivision of T. 1 N., R. 20 W.

Chains

- Over rolling mountainous land, through scattering timber and undergrowth.
- 6.98 Road brs. NE. and SW. Asc. 57 ft. to
- 28.00 Foot of mountains brs. NW. and SE. Asc. 222 ft. to
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to solid rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- Asc. NE. slope, 325 ft. to
- 56.45 Rocky ridge brs. NW. and SE. Desc. SW. slope, 635 ft. to
- 75.00 Foot of mountains brs. NW. and SE. Desc. 23 ft. over rolling land to
- 79.98 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

- N. $0^{\circ} 2'$ W. on a random line bet. secs. 4 and 5.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.43 Intersect N. bdy. of Tp., 8 lks. W. of cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence

- S. $0^{\circ} 1'$ W. on a true line bet. secs. 4 and 5.
- Over rolling and mountainous land, through scattering timber and undergrowth.
- 32.43 Ravine, 8 ft. deep, course E. Asc. 91 ft. to
- 37.15 Spur slopes NE. Desc. 61 ft. to
- 40.43 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to solid rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S $5\frac{1}{4}$ | S 4
 1916

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- Asc. 322 ft. to
- 52.33 Ridge brs. NW. and SE. Desc. SW. slope, 457 ft. to
- 72.43 Foot of mountains brs. NW. and SE. Thence desc. gradual slope to
- 80.43 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling and mountainous.
 Soil, gravelly and rocky, 3rd and 4th rates.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and ocotillos.

From the standard cor. of secs. 31 and 32, on S. bdy. of Tp., (Gila & Salt River Base Line) hereinbefore described.

- N. $0^{\circ} 3'$ W. bet. secs. 31 and 32.
- Over rolling land, through scattering timber and undergrowth.
- 3.00 Wash, 45 lks. wide, 2 ft. deep, course W.
- 8.10 Wash, 60 lks. wide, 2 ft. deep, course W.
- 13.50 Rolling hills bear E. and W.
- 30.00 Wash, 30 lks. wide, 3 ft. deep, course W.
- 33.20 Same wash, course SE.
- 35.90 Same wash, course SW.

36

Subdivision of T. 1 N. R. 20 W.

Chains

40.00

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

S31 1/4 | S32
1916

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

53.00

Wash, 25 lks. wide, 3 ft. deep, course W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, mkd. on brass cap

T 1N R20W
S30 | S29
S31 | S32
1916

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

Land, rolling.

Soil, gravelly, 3rd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood.

40.00

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

80.03

Set temp. 1/4 sec. cor.

Intersect N. and S. line, 8 lks S. of cor. of secs. 28, 29, 32 and 33.

Thence

S. 89° 57' W. on a true line bet. secs. 29 and 32.

Over rolling land, through scattering timber and undergrowth.

3.50

Wash, 15 lks. wide, 2 ft. deep, course N.

32.00

Low ridge brs, NW. and SE.

40.01 1/2

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 29
1/4
S 32
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

57.40

Ravine, 15 ft. deep, course NW.

(N. of cor.

63.40

Same ravine, course SW. Descend 18 ft. to

71.30

Low spur in top SW. Descend 19 ft. to

80.03

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

Land, rolling.

Soil, gravelly, 3rd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood.

40.00

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

79.93

Set temp. 1/4 sec. cor.

Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

S. 89° 59' E. on a true line bet. secs. 30 and 31.

Over gently rolling land, through scattering timber and undergrowth.

14.50

Small ravine, course SW.

39.93

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

Subdivision of T. 1 N., R. 20 W.

Chains

S 30
1/4
S 31
1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 71.80 Wash, 25 lks. wide, 5 ft. deep, course SW.
- 79.93 The cor. of secs. 29, 30, 31 and 32.
Land, gently rolling.
Soil, gravelly, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood.

N. 0° 3' W. bet. secs. 29 and 30.
Over rolling land, through scattering timber and undergrowth.

- 11.65 Wash, 10 lks. wide, 5 ft. deep, course W.
- 33.80 Wash, 45 lks. wide, 7 ft. deep, course W.
- 38.30 Wash, 30 lks. wide, 5 ft. deep, course SW. Asc. gradual slope,
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S30 1/4 | S29
1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 64.15 Low spur slopes W. Desc. gradual slope to
- 68.10 Wash, 45 lks. wide, 10 ft. deep, course W.
Foot of mountains brs. E. and W. Asc. S. slope, 155 ft. to
- 79.40 Spur slopes W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, in a mound of stone, for cor. of secs. 19, 20, 29 and 30, mkd. on brass cap

T 1N R20W
S19 | S20
S30 | S29
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, 2nd and 3rd rates.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood.

- East on a random line bet. secs. 20 and 29.
- 40.00 Set temp. 1/4 sec. cor.
- 80.03 Intersect N. and S. line, 21 lks. N. of cor. of secs. 20, 21, 28 and 29.
Thence
N. 89° 51' W. on a true line bet. secs. 20 and 29.
Over rolling mountainous land, through scattering timber and undergrowth.
- Desc. 34 ft. to
- 2.00 Ravine, course SW. Asc. SE. slope 69 ft. to
- 10.80 Spur slopes SW. Desc. 74 ft. to
- 17.35 Ravine, course SW. Thence along rolling S. slope to
- 31.40 Ravine, course S. Asc. 43 ft. to
- 35.00 Spur slopes S.
- 40.01 1/2 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap.

38

Subdivision of T. 1 N. R. 20 W.

Chains

S 20
 $\frac{1}{4}$
 S 29
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 46.00 Ravine, 10 ft. deep, course SW. Asc. to
 49.00 Spur slopes SW. Desc. 40 ft. to
 53.00 Enter wash, 45 lks, wide, 8 ft. deep, course SW.
 60.90 Leave wash, course SW. Asc. E. slope, 216 ft. to
 75.30 Spur slopes S. Desc. W. slope 64 ft. to
 80.03 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

40.00 West on a random line bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.81 Intersect W. bdy. of Tp. 7 lks. S. of true pt. for cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence
 S. 89° 57' E. on a true line bet. secs. 19 and 30.
 Over rolling land, through scattering timber and undergrowth.

23.10 Ravine, 7 ft. deep, course SW.
 39.81 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 19
 $\frac{1}{4}$
 S 30
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 42.50 Ravine, 10 ft. deep, course SW.
 54.25 Ravine, 15 ft. deep, course SW.
 66.00 Foot of mountains brs. NE. and SW. Asc. S. slope, 124 ft. to
 73.00 Spur slopes NW. Thence asc. along NW. slope, 67 ft. to
 79.81 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

N. 0° 3' W. bet. secs. 19 and 20.
 Over rolling and hilly land, through scattering timber and undergrowth.
 Asc. 32 ft. to
 3.29 Spur slopes W. Thence over gently rolling land to
 11.50 Low spur slopes W. Desc. , 96 ft. to
 17.50 Ravine, 6 ft. deep, course SW.
 40.00 True point for $\frac{1}{4}$ sec. cor., falls in wash 45 lks. wide, 18 ft. deep, course SW., therefore at
 38.90 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, for W. C. to $\frac{1}{4}$ sec. cor., mkd. on brass cap

WC $\frac{1}{4}$
 S19 S20
 1916

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

Subdivision of T. 1 N., R. 20 W.

Chains

- Asc. 161 ft. to
- 50.60 Spur slopes SW. Thence desc. 118 ft. to
- 56.00 Asc. 127 ft. to
- 63.80 Spur slopes W. Desc. 34 ft. to
- 70.20 Asc. 18 ft. to
- 76.25 Spur slopes W. Desc. 63 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

T 1N R20W
 S18|S17
 S 19|S20
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

- 40.00 East on a random line bet. secs. 17 and 20.
- Set temp. ¼ sec. cor.
- 79.90 Intersect N. and S. line, 46 lks. N. of the cor. of secs. 16, 17, 20 and 21.
- Thence
- N. 89° 40' W. on a true line bet. secs. 17 and 20.
- Over mountainous land, through scattering timber and undergrowth.
- 1.50 Ridge brs. SW. and NE. Desc. NW. slope to
- 14.90 Wash, course SW. Asc. SE. slope to
- 27.00 Spur slopes SW. Desc. NW. slope to
- 39.95 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to solid rock, in a mound of stone, for ¼ sec. cor. mkd. on brass cap

S 17
 ¼
 S 20
 1916

- and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- Desc. 86 ft. to
- 42.25 Rocky gulch, course SW. Asc. SE. slope, 390 ft. to
- 56.07 Ridge brs. NE. and SW. Desc. NW. slope, 343 ft. to
- 67.25 Spur slopes NW. Desc. SW. slope, 91 ft. to
- 78.50 Gulch, course NW.
- 79.90 The cor. of secs. 17, 18, 19 and 20.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, scattering palo verde and iron wood.
- Undergrowth, greasewood.

- West on a random line bet. secs. 18 and 19.
- 40.00 Set temp. ¼ sec. cor.
- 79.57 Intersect W. bdy. of Tp. 25 lks. S. of cor. of secs. 13, 18, 19 and 24, hereinbefore described.
- Thence
- S. 89° 49' E. on a true line bet. secs. 18 and 19.
- Over rolling mountainous land, through scattering timber and undergrowth.

40

Subdivision of T. 1 N., R. 20 W.

Chains

.10 Rocky gulch, course SE. Asc. SW. slope, 116 ft. to
 6.95 Spur slopes SE. Desc. 98 ft. to
 12.05 Ravine, course S. Asc. 17 ft. to
 14.05 Spur slopes S. Desc. 57 ft. to
 20.65 Ravine, course SW. Asc. 92 ft. to
 30.45 Spur slopes SW. Desc. 43 ft. to
 35.35 Ravine, course SW. Asc. 72 ft. to
 39.57 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground, to solid rock, in a mound of stone, for
 $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 18

 $\frac{1}{4}$

S 19

1916

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

41.35 Asc: gradual slope to
 47.00 Spur slopes SW. Desc. to
 54.05 Asc. 71 ft. to
 66.95 Spur slopes NW. Asc. along N. slope 111 ft. to
 74.15 Spur slopes SW. Desc. SE. slope, 100 ft. to
 79.57 Same spur slopes NW. Desc. 20 ft. to
 The cor. of secs. 17, 18, 19 and 20.
 Land, rolling and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

N. 0° 3' W. bet. secs. 17 and 18.

Over rolling hilly land, through scattering timber and
 undergrowth.

2.30 Gulch, course NW. Asc. to
 5.25 Spur slopes NW. Thence along rolling W. slope.
 9.60 Rocky gulch, course SW.
 16.00 Spur slopes NW.
 18.10 Prospect hole brs. W. about 50 lks. dist. Desc. to
 18.64 Rocky gulch course NW. Asc. 231 ft. to
 30.00 Spur slopes W. Desc. NW. slope, 143 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in
 the ground, to solid rock, in a mound of stone, for
 $\frac{1}{4}$ sec. cor., mkd. on brass cap

S18 $\frac{1}{2}$ |S17

1916

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

50.90 Rocky gulch, course NW.
 53.00 Rocky gulch, course W. Asc. 52 ft. to
 60.65 Spur slopes W. Desc. N. slope, 171 ft. to
 72.00 Enter rolling land brs. NW. and SE. Desc. 25 ft. to
 75.82 Ravine, course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
 the ground, to solid rock, in a mound of stone, for
 cor. of secs. 7, 8, 17 and 18, mkd on brass cap

T 1N R20W

S 7 | S 8

S18 | S17

1916

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

Land, rolling and hilly.
 Soil, rocky, 3rd and 4th rates.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

Subdivision of T. 1 N., R. 20 W.

41

Chains

- East on a random line bet. secs. 8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect N. and S. line, 36 lks. N. of cor. of secs. 8,
 9, 16 and 17.
 Thence
 N. $89^{\circ} 45'$ W. on a true line bet. secs. 8 and 17.
 Over rolling mountainous land, through scattering timber
 and undergrowth. 197
 Asc. NE. slope, 197 ft. to
 10.12 Spur slopes NW. Desc. SW. slope, 164 ft. to
 37.92 Box canyon course, NW.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground, to solid rock, in a mound of stone, for
 $\frac{1}{4}$ sec. cor., mkd. on brass cap.

S 8

 $\frac{1}{4}$

S 17

1916

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

- Desc. gradual slope to
 50.12 Rocky gulch, course NW.
 59.10 Foot of mountains brs. NE. and SW.
 64.42 Rocky gulch, course NW. Desc. gradual NW. slope.
 71.20 Same box canyon, 18 ft. deep, course S.
 72.20 Same box canyon, 18 ft. deep, 15 ft. wide, course NW.
 80.12 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

- West on a random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.68 Intersect W. bdy. of Tp., 15 lks. S. of cor. of secs.
 7, 12, 13 and 18, hereinbefore described.
 Thence
 S. $89^{\circ} 54'$ E. on a true line bet. secs. 7 and 18.
 Over rolling land, through scattering timber and under-
 growth.
 4.68 Wash, 45 lks. wide, 8 ft. deep, course NW.
 18.18 Wash, 45 lks. wide, 6 ft. deep, course N.
 26.98 Ravine, 5 ft. deep, course NE.
 39.68 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, to solid rock, in a mound of stone, for $\frac{1}{4}$ sec.
 cor., mkd. on brass cap

S 7

 $\frac{1}{4}$

S 18

1916

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

- 48.90 Rocky wash, 30 lks. wide, 5 ft. deep, course NW.
 50.70 Asc. 173 ft. to
 62.90 Spur slopes N. Desc. 128 ft. to
 76.28 Ravine, 15 ft. deep, course NW.
 Foot of mountains brs. NW. and SE.
 79.68 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, rocky, 3rd and 4th rates.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood.

42

Subdivision of T. 1 N. R. 20 W.

Chains

N. 0° 3' W. bet. secs. 7 and 8.
Over rolling land, through scattering timber and dense patches of undergrowth.

5.20 Box canyon, 30 lks. wide, 18 ft. deep, course NW.

33.30 Ravine, 5 ft. deep, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 7 1/4 | S 8
1916

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

42.30 Ravine, 10 ft. deep, course NW. Asc. 23 ft. to

62.00 Spur slopes SE. Desc. NE. slope, 69 ft. to

72.40 Wash, 60 lks. wide, 2 ft. deep, course W. Asc. 55 ft. to

78.10 Spur slopes E. Desc. 41 ft. to

80.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 5, 6, 7 & 8, mkd. on brass cap

T 1N R20W
S 6 | S 5
S 7 | S 8
1916

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

Land, rolling.

Soil, rocky, 3rd and 4th rates.

Timber, scattering palo verde and iron wood.

Undergrowth, dense patches of greasewood.

East on a random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

80.01 Intersect N. and S. line, 36 lks. N. of cor. of secs. 4, 5, 8 and 9.

Thence

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

Over rolling and hilly land, through scattering timber and undergrowth.

19.80 Ravine, 8 ft. deep, course SW. Asc. gradual slope to

23.00 Foot of mountains brs. NE. and SW. Asc. SE. slope, 101 ft. to

33.40 Ridge brs. NE. and SW. Desc. SW. slope, 102 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 5
1/4
S 8
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

44.00 Desc. gradual SW. slope, to Foot of mountains brs. NW. and SE.

63.75 Road brs. NW. and SE.

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

Land, rolling and mountainous.

Soil, rocky 2nd and 4th rates.

Timber, scattering palo verde and iron wood.

Undergrowth, iron wood and greasewood.

Chains.

West, on a random line, bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.58 Intersect W. bdy. of Tp., 7 lks. S. of cor. of secs. 1, 6, 7
 and 12, hereinbefore described.
 Thence,
 S. $89^{\circ}57'E.$, on a true line, bet. secs. 6 and 7.
 Over gently rolling land, through scattering timber and
 undergrowth.
 8.00 Wash, 45 lks. wide, 4 ft. deep, course IW.
 29.00 Wash, 45 lks. wide, 3 ft. deep, course SW.
 37.60 Enter rolling, hilly land, brs. NW. and SE.
 39.58 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 Ascend 50 ft. to
 44.40 Spur, slopes SW. Descend gradual slope to
 48.00 Ascend 121 ft. to
 58.90 Ridge, brs. N. and S. Descend SE. slope, 154 ft. to
 70.60 Thence over gently rolling land, to
 79.58 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood.

N. $0^{\circ}3'W.$, on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. bdy. of Tp., 18 lks. W. of the cor. of secs. 5,
 6, 31 and 32, hereinbefore described.
 Thence,
 S. $0^{\circ}5'W.$, on a true line, bet. secs. 5 and 6.
 Over gently rolling land, through scattering timber and
 undergrowth.
 4.10 Small wash, course SW.
 32.40 Wash, 45 lks. wide, 5 ft. deep, course SW.
 35.60 Wash, 18 lks. wide, 2 ft. deep, course W.
 40.10 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 6 $\frac{1}{4}$ | S 5
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 63.95 Road brs. NW. and SE.
 80.10 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, 2nd and 3rd rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood.

44.

Township 1 North, Range 20 West.

GENERAL DESCRIPTION.

This township, situated in the west central portion of Yuma county, Arizona, about 20 miles east from the Colorado river, contains three varieties of surface character, namely, mountainous, rolling and level. The mountainous land covers about one sixth of the total area of the township, and is confined to the west central and north-western parts. In sec. 34 is a pass known as "Weaver Pass" which separates the mountains in this township from those to the south, and is on the top of a low divide. The level land covers about one-third of the total area, located in the eastern part, and is part of an extensive plain known as "La Posa Plain." The rolling land, covering about one-half of the total area, slopes from the mountains west toward a valley in the adjoining township, and east to the La Posa Plain. The soil over the mountainous land is rocky, 4th rate; that over the rolling land is 2nd, 3rd and 4th rate, and that of the level land is 1st and 2nd rate. A scattering growth of palo verde and ironwood timber covers the mountainous and rolling land, and scattering mesquite is the predominating variety over the La Posa Plain. The undergrowth is greasewood, which is mostly a scattering growth, with occasional dense patches. There is no permanent running water in the township, the drainage being composed of dry washes and ravines. Mineral prospecting has been carried on at some time, but there is no evidence of valuable minerals having been found. There are no settlers and no improvements. Several roads traverse the township, one of which coming from Quartzite, Arizona, enters sec. 1, passes through Weaver's Pass, and runs thence westerly to Cibola on the Colorado river. Another road from Quartzite to Cibola, enters in sec. 1, passes westerly thru. the northern part of the township, and leaves the township in sec. 6. The town of Quartzite brs. about N. 10° E. in a direct line from the NE. cor. of the township, and is about 14 miles dist. by the road. At the present time, this township is unsuitable for agricultural or grazing purposes, owing to lack of water.

Boundaries of Township 1 North, Range 20 West.
Latitudes, departures, and closing errors.

Line designated.	Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (Gila & Salt River Base Line)	West,	480.00				480.00
West boundary,	North,	480.00	480.00			
North boundary,	East,	479.69			479.69	
East boundary,	South,	480.00		480.00		
Convergency,					.46	
Totals,			480.00	480.00	480.15	480.00
Error in latitude,				0.00		
Error in departure,					0.15	

Book "H"

Group 47 - - - Arizona.

Township 1 North, Range 20 West.

6:79

DATE DIAGRAM.

	4-22-16	2-19-16	2-19-16	2-19-16	2-19-16	2-19-16	2-19-16
4-22-16	6	5	4	3	2	1	
	4-25-16	4-26-16	4-26-16	2-26-16	2-23-16	2-18-16	
4-22-16	7	8	9	10	11	12	
	4-24-16	4-25-16	2-26-16	2-23-16	2-18-16	2-17-16	
4-22-16	18	17	16	15	14	13	
	4-24-16	4-24-16	2-25-16	2-23-16	2-18-16	2-17-16	
3-3-16	19	20	21	22	23	24	
	3-3-16	3-2-16	2-24-16	2-21-16	2-18-16	2-17-16	
3-3-16	30	29	28	27	26	25	
	3-3-16	3-2-16	2-24-16	2-21-16	2-18-16	2-17-16	
3-3-16	31	32	33	34	35	36	
	2-28-16	2-16-16	2-16-16	2-16-16	2-16-16	2-16-16	2-16-16
Gila and Salt River Base Line.							

Surveys executed by William B. Kimmel, U. S. Surveyor on dates shown on above diagram.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William B. Kimmel, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 47, Arizona, bearing date of the 5th 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, surveyed all those parts or portions of the Gila and Salt River Base Line, through Range 20 West, West and North boundaries, and Subdivision Lines, of TOWNSHIP 1 NORTH, RANGE 20 WEST, of the Gila and Salt River Base, and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 47, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William B. Kimmel
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, March 20, 1918.

The foregoing field notes of the survey of the Gila and Salt River Base Line, through Range 20 West, West and North boundaries, and Subdivision lines of TOWNSHIP 1 NORTH, RANGE 20 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by William B. Kimmel, U. S. Surveyor, under his special instructions dated Feb. 5th, 1915, for Group 47, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. Frost
U. S. Surveyor General.

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