

3038

Book "E"

4-679

G.L.O. letter "E"
Apr. 1-1919.

163

BOOK 3038

FIELD NOTES

OF THE SURVEY OF A...

Portion of the South and North boundaries, and

Partial Subdivision of

TOWNSHIP 16 NORTH, RANGE 11 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Otis Ross

In the capacity of U. S. Surveyor, under instructions dated February 20, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 49, which were approved by the Commissioner of the General Land
Office, March 1, 1915.

Survey commenced February 3, 1916.

Survey completed February 23, 1916.

3038

3038

Book "E"

Group 49 - - - Arizona.

BOOK 3033

INDEX DIAGRAM.

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- Surveyed under this Group. Notes in this book.
- Surveyed under this Group. Notes in Book "D".
- Surveyed under this Group. Notes in book "C".
- Surveyed under this Group. Notes in book "F".
- Unsurveyed.

Portion of South Boundary,
Portion of North Boundary,
and
Partial Subdivision of T. 16 N., R. 11 W.

1B

Chains

Survey executed by Otis Ross, U. S. Surveyor, on dates shown on page 23 hereof. The instrument used is described, with record of approval by the assistant supervisor of surveys, and field tests, in Book A,

The adjustment of the instrument was checked and maintained throughout the survey by frequent comparison with a meridian determined by observation on Polaris at elongation.

The magnetic declination in the township is 17°E.

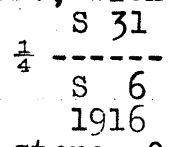
Portion of South Boundary, T. 16 N. R. 11 W.

From the cor. of Tps. 15 and 16 N., Rs. 11 and 12 W., described in Book C.

Thence East, as per instructions, bet. secs. 6 and 31, over mountainous land, through dense undergrowth.

16.75
38.50

Desc. 190 ft., on E. slope, to Wash, course NE.; asc. NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



42.10
48.07
53.80
76.30
78.50

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

Spur, sloping N.; 220 ft. above wash.

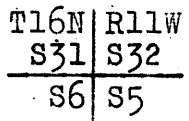
Desc. 95 ft., on NE. slope, to

Draw, near head, course N.; asc. 120 ft., on W. slope, to

Spur, sloping N.; desc. 240 ft., to

Wash, 200 lks. wide, course NE.; asc. 60 ft., on NW. slope, to

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



T15N
1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub cedar, palo-verde, ocotillo, greasewood, catclaw and cactus. Poor grass.

East, bet. secs. 32 and 5, over mountainous land, through dense undergrowth. Asc. NW. slope.

nl.00
7.70
8.10
19.95

Spur sloping N.; desc. 70 ft., on NE. slope, to

Wash, 20 lks. wide, course NE.; asc. W. slope.

Spur sloping NE.; desc. gradually, along N. slope, to

Wash, 30 lks. wide, course N.; asc. W. slope.

Portion of
South Boundary, T. 16 N., R. 11 W.

Chains

33.90 Wash, 20 lks. wide, course N.; asc. NW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

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.

45.90 Spur sloping SW.; 130 ft. above wash.
Asc. gradually, along broken SW. slope.

56.90 Wash, 40 lks. wide, course SW.; asc. NW. slope.

63.60 Wash, 30 lks. wide, course NW.; asc. 130 ft., over broken
NW. slope, to

74.60 Spur, sloping N.; desc. 30 ft., on NE. slope, to

76.35 Wash, course N.; asc. 80 ft., on NW. slope, 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, with brass
cap, marked

T16N | R11W
S32 | S33

S5 | S4

T15N
1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub cedar, palo-verde, ocotillo, grease-
wood, catclaw and cactus. Poor grass.

East, bet. secs. 4 and 33,
over mountainous land, through dense undergrowth.

Asc. 25 ft., over broken NW. slope, to

7.90 Head of wash, course NW.; asc. 160 ft., on SW. slope, to

14.20 Ridge bearing NW. and S.; desc. 130 ft., over broken NE.
slope, to

22.25 Wash, near head, course NW.; asc. 110 ft., on W. slope, to

26.65 Spur sloping NW.; desc. 140 ft., on broken NW. slope, to

34.10 Wash, near head, course NE.; asc. NW. slope.

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

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Impracticable to set post farther in ground.

42.90 Spur sloping NE.; 115 ft. above wash.

Desc. 190 ft., on NE. slope, to

53.40 Wash, course N.; asc. 100 ft., on W. slope, to

55.05 Spur sloping NW.; desc. 35 ft., to

57.60 Head of wash, course NE.; asc. NW. slope, to

61.25 Spur sloping N.; desc. 50 ft., on broken NE. slope, to

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, with brass
cap, marked

T16N | R11W
S33 | S34

S4 | S3

T15N
1916

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

Portion of South Boundary, T. 16 N., R. 11 W.

3

Chains

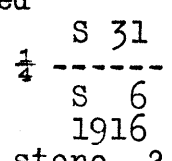
Land, mountainous and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo-verde, greasewood, catclaw, and cactus.
Poor grass.

Portion of North Boundary, T. 16 N., R. 11 W.

From the cor. of Tps. 16 and 16 $\frac{1}{2}$ N., Rs. 11 and 12 W.,
described in Book D,

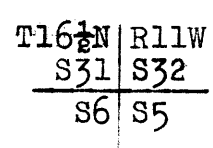
9.15
38.00

Thence, as per instructions,
East, on a true line, bet. secs. 6 and 31,
over rolling mesa, through dense undergrowth. Asc. 25 ft. to
Ridge bears NW. and SE. Desc. 230 ft.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground and surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor.,
with brass cap, marked



40.80
58.00
78.00

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Impracticable to set post farther in ground.
Wash, near head, course NW. Asc. 100 ft. to
Spur sloping NW.; desc. gradually.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for cor. of secs. 5, 6, 31 and 32, with brass
cap, marked



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

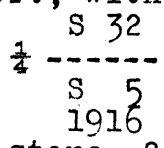
Land, rolling.
Soil, rocky; 3rd rate.
No timber.
Undergrowth, scrub cedar, greasewood, cactus, oak brush
and catclaw. Poor grass.

15.00

East, on a true line, bet. secs. 5 and 32,
over rolling mesa, through dense undergrowth.
Head of wash, course NW.; asc. SW. slope, over mountainous
land,

40.00

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



49.65

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
Ridge bears NW. and SE.; 530 ft. above wash.; desc. 110
ft., on NE. slope, 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, with brass
cap, marked

Portion of North Boundary, T. 16 N., R. 11 W.

Chains

T16 $\frac{1}{2}$ N	R11W
S32	S33
S5	S4

T16N
1916

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

Land, rolling and mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, scrub cedar, greasewood, catclaw, scrub oak, and cactus. Poor grass.

East, on a true line, bet. secs. 4 and 33, over rolling mesa, through dense undergrowth. Desc. gradually on NE. slope.

15.00 Head of draw, course NE.; asc. gradually, on W. slope.

39.90 Spur, sloping NE.; desc. gradually, on NE. slope.

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

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

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

69.85 Head of draw, course NE.; 195 ft. below spur.

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, with brass cap, marked

T16 $\frac{1}{2}$ N	R11W
S33	S34
S4	S3

T16N
1916

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

Land, rolling.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, scrub cedar, greasewood, scrub oak, cactus and catclaw. Poor grass.

Partial Subdivision, T. 16 N., R. 11 W.

Beginning at the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., hereinbefore described,

N.0°02'W., bet. secs. 33 and 34, over mountainous land, through dense undergrowth.

23.90 Desc. gradually, on broken NE. slope, 120 ft., to Wash, 40 lks. wide, course NW.; asc. gradually, 175 ft., on S. slope, to

35.65 Spur sloping SW.; asc. SW. slope.

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

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

Chains

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

49.65 Spur, sloping NW.; 215 ft. above 35.65 ch. pt.
Desc. 175 ft., on NW. slope, to

59.25 Head of draw, course NW.; asc. 70 ft., to

60.25 Spur, sloping NW.; desc. 105 ft., on broken NE. slope, to

69.10 Head of draw, course NE.; asc. S. slope 35 ft., to

73.25 Spur, sloping E.; desc. NW. slope 60 ft., to

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

T16N	R11W
S28	S27
S33	S34

1916

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

Land, mountainous and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub cedar, palo-verde, greasewood, scrub
oak, catclaw and cactus. Poor grass.

N.0°02'W., bet. secs. 27 and 28,
over mountainous and broken land, through dense under-
growth. desc. 50 ft., on NE. slope, to

6.25 Sycamore Creek, clear water
5 lks. wide, 3 ins. deep, course W.
Asc. 70 ft., on broken S. slope, to

15.90 Wash, 30 lks. wide, course SW.; asc. 75 ft., on SE. slope,
to

24.85 Spur sloping SW.; thence along SW. slope.

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

S28	S27
-----	-----

1916

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

41.75 Spur sloping SW.; desc. 30 ft., to

44.95 Wash, 20 lks. wide, course W.; asc. 60 ft., on SW. slope,
to

54.20 Spur sloping W.

63.20 Wash, 35 lks. wide, course SW.; asc. 75 ft., on SE. slope,
to

75.40 Spur, sloping E.; desc. NE. slope.

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

T16N	R11W
S21	S22
S28	S27

1916

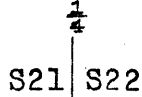
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

Land, mountainous and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub cedar, palo-verde, greasewood, scrub
oak, catclaw and cactus. Poor grass.

Chains

N.0°02'W., bet. secs. 21 and 22,
over mountainous land, through dense undergrowth.
Desc. NE. slope.

- 3.00 Wash, 2 chs. wide, course SE.; asc. 200 ft., on SW. slope, to
- 26.25 Ridge bears NW. and SE.; desc. 56 ft., to
- 35.70 Wash, course SE.; width, 6 chs. Asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

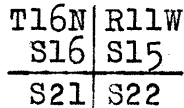


1916

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

- 54.75 Spur, sloping W.; 200 ft. above wash.
Desc. 40 ft., on NW. slope, to

- 64.75 Head of wash, course W.; asc. 150 ft., on SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked



1916

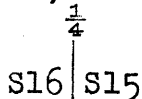
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous, and broken
Soil, rocky; 4th rate.
No timber.

Undergrowth, palo-verde, scrub oak, greasewood, catclaw,
and cactus. Poor grass.

N.0°02'W., bet. secs. 15 and 16,
over mountainous and broken land, through dense undergrowth. Asc. 85 ft., on SW. slope, to

- 4.85 Ridge bears NW. and SE.; asc. 25 ft., on SE. slope, to
- 7.80 Spur, sloping E.
- 9.80 Head of draw, course SE.; asc. 100 ft., on SE. slope, to
- 22.20 Ridge bears NE. and SW.; desc. 35 ft., on N. slope, to
- 26.65 Head of draw, course W.; asc. 35 ft., on SW. slope, to
- 31.15 Ridge bears NW. and SE.; desc. 50 ft., on NE. slope, to
- 38.60 Wash, 70 lks. wide, course SE.; 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., with brass cap, marked

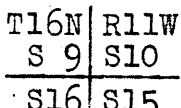


1916

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

- 44.00 Spur, sloping SE.; 50 ft. above wash; desc. gradually, on NE. slope, 35 ft., to

- 51.90 Head of draw, course SE.; asc. 85 ft., on SE. slope, to
- 59.15 Spur, sloping SE.; thence along broken E. slope.
- 78.10 Wash, 30 lks. wide, course SE.; asc. 60 ft., on SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked



1916

Chains

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub cedar, palo-verde, greasewood, cat-
claw, scrub oak and cactus. Poor grass.

13.85

N.0°02'W., bet. secs. 9 and 10,
over mountainous land, through dense undergrowth.

25.00

Asc. 340 ft., on SW. slope, to

40.00

S. edge of mesa bears NW. and SE.; thence along rolling
top of mesa.

Asc. gradually.

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

¼
S 9 | S10

1916

59.85

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

74.85

Spur sloping SE. 220ft. above 25 ch. pt.; desc. grad-
ually, on NE. slope; to

80.00

Head of draw, course SE.; asc. SW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground and 10 ins. in a mound of stone, for cor. of secs.
3, 4, 9 and 10, with brass cap, marked

T16N | R11W
S4 | S3

S9 | S10

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Impracticable to set post farther in ground.

Land, mountainous and rolling.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, palo-verde, greasewood, oak brush, catchlaw
and cactus. Poor grass.

40.00

N.0°02'W., on a random line, bet. secs. 3 and 4.

80.20

Set temp. ¼ sec. cor.

Intersect N. bdy. of Tp. 18 lks. W. of the cor. of secs.
3, 4, 33 and 34, hereinbefore described.

20.50

Thence S.0°06'W., on a true line, bet. secs. 3 and 4,
over rolling mesa, through dense undergrowth.

23.08

Spur, sloping SE.;

30.00

Wire fence bears E. and W.

40.20

Desc. 150 ft., to

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground and 12 ins. in a mound of stone, for ¼ sec. cor.,
with brass cap, marked

¼
S4 | S3

1916

41.33

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Impracticable to set post farther in the ground.

65.25

Wash, course E.; asc. gradually, 85 ft., to
Spur, sloping E.; desc. gradually, 50 ft., to

Chains

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

Land, rolling mesa.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., hereinbefore described,

2.95 N.0°02'W., bet. secs. 32 and 33,
15.45 over mountainous and broken land, through dense under-
40.00 growth. Desc. 40 ft., on NW. slope, to
Wash, 50 lks. wide, course NW.; asc. SW. slope.
Top of ridge bears NW. and SE.; desc. NE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., with brass cap, marked

1/4
S32 S33

1916

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

55.35 Sycamore Creek, 2 chs. wide,
course NW.; stream of clear water, 30 lks. wide, 1 ft.
deep, in center of channel.
Asc. 85 ft., on SW. slope.

62.35 Top of spur, sloping SW.; desc. 30 ft., on NE. slope, to
65.20 Head of wash, course NW.; asc. SW. slope, 115 ft., to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 28, 29, 32 and 33, with brass
cap, marked

T16N | R11W
S29 | S28

S32 | S33

1916

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

Land, mountainous and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo-verde, oak brush, greasewood, catclaw
and cactus. Poor grass.

40.00 East, on a random line, bet. secs. 28 and 33.
Set temp. 1/4 sec. cor.

80.24 Intersect N. and S. line 20 lks. N. of cor. of secs. 27,
28, 33 and 34. Thence

N.89°51'W., on true line, bet. secs. 28 and 33,
over mountainous and broken land, through dense under-
growth. desc. 40 ft., on NE. slope, to

5.50 Spur, sloping NE.; desc. 125 ft., on NW. slope, to
11.33 Sycamore Creek, 100 lks. wide,
course SW.; clear stream, 6 lks. wide, 1 ft. deep.

15.30 Wash, 30 lks. wide, course SW.; asc. gradually, 40 ft.,
to

24.80 Spur sloping SW.; desc. NE. slope, 70 ft., to

33.45 Wash, 150 lks. wide, course S.; asc. 20 ft., on SE. slope,
to

35.25 Spur, sloping S.; desc. 20 ft., to

38.47 Wash, 2 chs. wide, course S.; asc.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground and 10 ins. in a mound of stone, for 1/4 sec. cor.,
with brass cap, marked

Partial Subdivision of T. 16 N., R. 11 W.

Chains

S 28
1/4 -----
S 33
1916

- 41.60 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Impracticable to set post farther in ground. Spur, sloping S.; 40 ft. above wash.; desc. 25 ft., on W. slope, to
- 45.47 Wash, course S.; width, 20 lks. Asc. 90 ft., on NE. slope, to
- 54.77 Spur, sloping SE.; desc. 30 ft., to
- 60.35 Head of draw, course S.; asc. 45 ft., on SE. slope, to
- 65.30 Spur, sloping S.; desc. 55 ft., on SW. slope, to
- 75.25 Head of draw, course S.; desc. 20 ft., to
- 80.24 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, greasewood, catclaw and cactus. Poor grass.

- N.0°02'W., bet. secs. 28 and 29, over mountainous land, through dense undergrowth. Asc. 35 ft., on SW. slope, to
- 5.00 Top of spur slopes W.; desc. 60 ft., on N. slope, to
 - 9.90 Head of draw, course SW.; asc. 80 ft. on SW. slope, to
 - 14.70 Top of spur sloping W.; desc. 60 ft., on NW. slope, to
 - 19.60 Head of draw, course W.; asc. 110 ft., on SW. slope, to
 - 26.80 Top of spur sloping SW.; desc. 20 ft., on N. slope, to
 - 30.20 Head of draw, course SW.; asc. 80 ft., on SE. slope, to
 - 37.45 Top of ridge bears NW. and SE.; desc. NE. slope, to
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4
S29 | S28

1916

- 45.45 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Head of draw, 75 ft. below ridge, course SE.; asc. 30 ft., on SE. slope, to
- 50.45 Top of ridge bears NE. and SW.; continue ascent, 250 ft., along W. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and 10 ins. in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap, marked

T16N | R11W
S20 | S21

S29 | S28

1916

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

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus.
 Poor grass.

- 40.00 East, on a random line, bet. secs. 21 and 28. Set temp. 1/4 sec. cor.
- 80.20 Intersect N. and S. line 32 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Chains

Thence N.89°46'W., on a true line, bet. secs. 21 and 28, over mountainous and broken land, through dense undergrowth. Asc. 110 ft., on broken NE. slope, to

8.65 Spur sloping SE.; thence along SW. slope;

24.70 Wash, 50 lks. wide, course S.

27.70 Wash, 100 lks. wide, course SE.

30.70 Wash, 100 lks. wide, course SE.; asc. 75 ft., on SE. slope, to

37.60 Spur, sloping SE.; desc. SW. slope.

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

S 21
 $\frac{1}{4}$ -----
 S 28
 1916

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

41.00 Wash, 50 lks. wide, course SE.; asc. 70 ft., on NE. slope, to

49.95 Wash, 10 lks. wide, course NE.; asc. 310 ft., on SE. slope, to

67.70 Spur, sloping S.; desc. 145 ft., on SW. slope, to

76.85 Spur, sloping SW.; desc. 45 ft., on NW. slope, to

80.20 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, greasewood, oak brush, catclaw and cactus. Poor grass.

N.0°02'W., bet. secs. 20 and 21, over mountainous land, through dense undergrowth. Desc. 65 ft., on NW. slope, to

2.85 Draw, near head, course W.; asc. 90 ft., on SW. slope, to

7.60 Top of spur, sloping SW.; desc. 75 ft., on NE. slope, to

10.70 Head of draw, course NW.; asc. 60 ft., on SW. slope, to

17.70 Top of spur, sloping SW.; desc. 55 ft., on NE. slope, to

20.45 Head of draw, course W.; desc. NW. slope.

25.40 Wash, course SW.; width, 20 lks. Asc. SW. slope.

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

$\frac{1}{4}$
 S20 | S21
 1916

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

47.00 Top of spur, sloping SW.; 580 ft., above wash. Desc. 125 ft., on NW. slope, to

52.05 Head of draw, course W.; asc. 390 ft., on SW. slope, to

64.90 Spur, sloping SW.; desc. NW. slope, 160 ft., to

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

T16N | R11W
 S17 | S16

 S20 | S21
 1916

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

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, greasewood, catclaw and cactus. Poor grass.

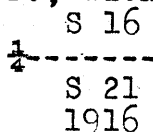
Partial Subdivision of T. 16 N., R. 11 W.

Chains

40.00 East, on a random line, bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line 16 lks. N. of the cor. of secs.
 15, 16, 21 and 22.

Thence N. $89^{\circ}53'W.$, on a true line, bet. secs. 16 and 21,
 over mountainous land, through dense undergrowth.
 Desc. 45 ft., to

1.90 Head of draw, course SW.; asc. 75 ft., to
 3.75 Spur, sloping SW.; desc. 110 ft., on SW. slope, to
 16.77 Wash, 5 chs. wide, course SW.; asc. SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



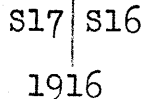
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

63.70 Head of draw, course SE.; 675 ft., above wash.
 Asc. 290 ft., on SE. slope, to
 76.65 Top of ridge bears NE. and SW.; desc. 75 ft., on NW. slope,
 to
 80.00 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, oak brush, catclaw
 greasewood and cactus. Poor grass.

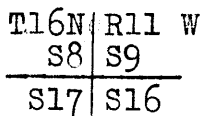
N. $0^{\circ}02'W.$, bet. secs. 16 and 17,
 over mountainous land, through dense undergrowth.
 Asc. 115 ft., to

5.00 Head of wash, course SW.; asc. 115 ft., to
 10.30 Ridge bears NW. and SE.; desc. 140 ft., on NE. slope, to
 14.45 Ridge bears NE. and SW.; desc. 430 ft., on NW. slope, to
 30.07 Wash, 20 lks. wide, near head, course NE.; asc. 75 ft.,
 on SE. slope, to
 36.90 Spur sloping NE.; desc. NE. 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., with brass cap, marked



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

49.25 Head of draw, course NE.; 440 ft. below spur.
 Asc. 15 ft., on SE. slope, to
 50.10 Spur, sloping NE.; desc. 215 ft., on NE. slope, to
 63.75 Wash, 25 lks. wide, course W.; asc. 140 ft., on SW. slope,
 to
 79.45 Spur, sloping SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 8, 9, 16 and 17, with brass
 cap, marked



1916

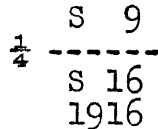
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, oak brush, grease-
 wood, catclaw and cactus. Poor grass.

Chains

40.00 East, on a random line, bet. secs. 9 and 16.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 8 lks. N. of the cor. of secs.
 9, 10, 15 and 16.

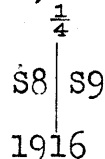
Thence N. $89^{\circ}57'W.$, on a true line, bet. secs. 9 and 16,
 over mountainous land, through dense undergrowth.
 Desc. 35 ft., on SW. slope, to
 2.45 Wash, 30 lks. wide, course SE.; asc. 260 ft., on NE. slope,
 to
 14.50 Ridge bears NW. and SW.; desc. 70 ft., on SW. slope, to
 24.45 Head of draw, course SW.; thence along S. slope.
 34.40 Head of draw, course S.; asc. SE. slope.
 39.35 Spur, sloping SW.; desc. NW. slope.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground and 10 ins. in a mound of stone,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set post farther in ground.
 79.80 400 ft. below spur,
 The cor. of secs. 8, 9, 16 and 17.

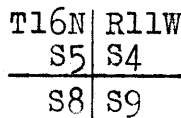
Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, oak brush, greasewood, catclaw
 and cactus. Poor grass.

N. $0^{\circ}02'W.$, bet. secs. 8 and 9,
 over mountainous and broken land, through dense under-
 growth.
 1.00 Wash, 40 lks. wide, course SW.; asc. 350 ft., on SE. slope,
 to
 13.95 Spur, sloping SW.; asc. broken SW. slope.
 18.95 Head of draw, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 59.25 S. edge of mesa bears NW. and SE.; 650 ft. above draw.
 Thence over rolling top of mesa.

70.00 Desc. 80 ft., to
 79.57 Wash, near head, course SE.; asc. S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 4, 5, 8 and 9, with brass
 cap, marked



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

Land, mountainous and rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, greasewood, oak brush, catclaw
 and cactus.
 Poor grass.

Partial Subdivision of T. 16 N., R. 11 W.

Chains

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

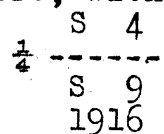
Thence West, on a true line, bet. secs. 4 and 9, over mountainous land, through dense undergrowth. Desc. SW. slope.

2.00 Head of wash, course SE.; asc. gradually, 165 ft., on NE. slope, to

29.85 Ridge, bearing NW. and SE.; desc.

38.37 Wire fence bears N. and S.

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



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

48.25 Wash, 30 lks. wide, course SE.; 250 ft. below ridge. Asc. 160 ft., on SE. slope, to

64.95 Spur sloping S.; desc. 90 ft., to

79.86 The cor. of secs. 4, 5, 8 and 9.

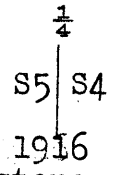
Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

40:00 N:0°02'W., on a random line, bet. secs. 4 and 5;
 80.20 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. bdy. of Tp., 14 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence S:0°04'W., on a true line, bet. secs. 4 and 5, over top of mesa, through scattering undergrowth. Asc. gradually, on gentle N. slope.

30.00 Top of ascent; low ridge bears E. and W.; desc. gradually.

40.20 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set post farther in ground. 160 ft. below ridge,
 80.20 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mesa.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, greasewood, cactus, oak brush and catclaw Poor grass.

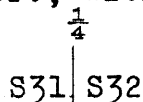
From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp. hereinbefore described,

N:0°03'W., bet. secs. 31 and 32, over mountainous and broken land, through dense undergrowth. desc. 100 ft., on NW. slope, to

9.90 Wash, 50 lks. wide, course NW.; asc. 140 ft., on broken SW. slope, to

Chains

23.70 Ridge bears NW. and SE.; thence along broken W. slope.
 32.90 Spur, sloping NE.; desc. NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

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

41.40 Small stream, 1 lk. wide, 1 in. deep, clear water, course NW.; 210 ft. below ridge.

58.00 Low spur, sloping W.; desc. 190 ft., on NW. slope, to
69180 Sycamore Creek, stream 25 lks.

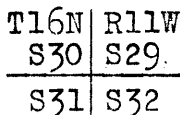
wide, $2\frac{1}{2}$ ft. deep, course SW.

Asc. broken S. slope.

72.95 Trail bears SW. and E.

80.00 290 ft. above creek,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked



1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

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

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

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

Thence West, on a true line, bet. secs. 29 and 32, over broken mountainous land, through dense undergrowth. Desc. 140 ft., on SW. slope, to

6.25 Wash, 20 lks. wide, course S.; asc. 25 ft., to

7.25 Spur, sloping S.; desc. 85 ft., on NW. slope, to

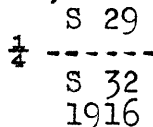
18.17 Draw, course SW.; width, 20 lks.; asc. 30 ft., to

21.25 Spur, sloping SW.; desc. 60 ft., on NW. slope, to

25.05 Mouth of draw, 10 lks. wide, course S.

30.00 Mouth of draw, course S.; desc. broken SW. slope.

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



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

44.30 Sycamore Creek, stream, 15 lks. wide, 1 in. deep, course NW. Creek bed 2 chs. wide.

Asc. 150 ft., on NE. slope, to

57.10 Spur, sloping N.; desc. 260 ft., on SW. slope, to

64.55 Sycamore Creek, stream, 2 chs. wide, clear stream, 20 lks. wide, 1 in. deep, course SW.

Asc. 195 ft., on SE. slope, to

76.25 Spur, sloping SE. Desc. SW. slope.

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

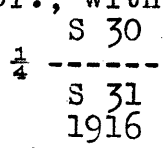
Land, mountainous. Soil, 4th rate. No timber. Poor grass. Undergrowth, palo-verde, greasewood, oak brush, cedar, catclaw and cactus.

Partial Subdivision of T. 16 N., R. 11 W.

Chains

West, on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.20 Intersect W. bdy. of Tp., 6 lks. S. of the cor. of secs. 25, 30, 31 and 36, described in Book D.

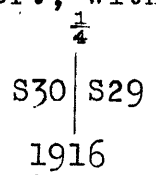
Thence S.89°57'E., on a true line, bet. secs. 30 and 31, over mountainous land, through dense undergrowth.
 Desc.
 38.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



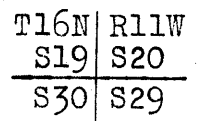
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 40.57 Sycamore Creek, 50 lks, wide, clear water, 10 ins. deep, course NW. Asc.
 43.15 Trail, bears NW. and SE.
 51.83 Wash, 15 lks. wide, course SW.; 150 ft. above creek. Asc. 140 ft., to
 59.40 Spur, sloping SW.
 63.50 Wash, 10 lks. wide, course SW.; asc. 160 ft. to
 78.20 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

N.0°03'W., bet. secs. 29 and 30, over mountainous land, through dense undergrowth.
 Asc. 175 ft., on rocky SW. slope, to
 7.60 Spur, sloping SE.; desc. 50 ft., on NE. slope, to
 14.47 Head of gulch, course SE.; asc. 395 ft., to
 32.60 Ridge bears NW. and NE.; desc. N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 44.50 Head of gulch, 325 ft. below ridge, course NW. Desc. 125 ft., along broken NW. slope, to
 59.30 Spur, sloping NW.; desc. 95 ft., on NE. slope, to
 66.20 Wash, 2 chs. wide, course W.; asc. 215 ft., on SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, oak brush, greasewood, catclaw and cactus.
 Poor grass.

Chains

40.00 East, on a random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line 8 lks. N. of the cor. of secs.
 20, 21, 28 and 29.

Thence N. $89^{\circ}57'W.$, on a true line, bet. secs. 20 and 29,
 over mountainous land, through dense undergrowth.
 Desc. 115 ft., on NE. slope, to
 4.70 Head of draw, course NW.; asc. 50 ft., to
 8.75 Spur, sloping N.; desc. 260 ft., on W. slope, to
 19.85 Wash, 15 lks. wide, course NW.; asc. NE. slope.
 26.35 Spur, sloping N.; desc. 175 ft., to
 39.90 Wash, course SW.; width, 20 lks. Asc. broken SE. slope.
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set post farther in ground.
 58.20 Spur, sloping S.; desc. 80 ft., on SW. slope, to
 64.75 Head of draw, course S.; asc. 25 ft., on SE. slope, to
 68.22 Spur, sloping S.; desc. 110 ft., on SW. slope, to
 74.50 Head of draw, course S.; asc. SE. slope.
 79.88 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, greasewood, scrub cedar, catclaw
 and cactus. Poor grass.

40.00 West, on a random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.
 78.41 Intersect W. bdy. of Tp. 17 lks. S. of the cor. of secs.
 19, 24, 25 and 30, described in Book D.

Thence S. $89^{\circ}53'E.$, on a true line, bet. secs. 19 and 30,
 over broken mountainous land, through dense undergrowth.
 Asc. 60 ft., to
 3.65 Spur, sloping SW. desc. 105 ft., along broken SE. slope, to
 16.60 Spur, sloping SE.; desc. 70 ft., on SE. slope, to
 19.95 Wash, 50 lks. wide, course SW.; asc. 125 ft., on W. slope,
 to
 25.10 Spur, sloping SW.; asc. 85 ft., on SW. slope, to
 31.90 Spur, sloping SE.; desc. ~~S.~~ slope.
 38.41 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 41.10 Wash, 30 lks. wide, course SW.; asc. 30 ft., to
 49.07 Head of draw, course NW.; asc. 100 ft., on NE. slope, to
 57.43 Spur, sloping SW.
 58.90 Head of draw, course SW.; asc. 235 ft., to
 76.00 Spur, sloping SW.; desc. SE. slope.
 78.41 The cor. of secs. 19, 20, 29 and 30.

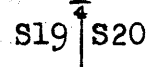
Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, scrub cedar, oak brush, grease-
 wood, catclaw and cactus.
 Poor grass.

LOC 300

Partial Subdivision of T. 16 N., R. 11 W. 17.

Chains.

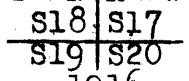
N.0° 03' W., bet. secs. 19 and 20,
 over broken mountainous land, through dense undergrowth.
 Asc. 125 ft., on SE. slope, to
 8.40 Spur, sloping SW.; asc. 75 ft., on SW. slope, to
 15.35 Spur, sloping W.; desc. 120 ft., on NW. slope, to
 20.35 Wash, near head, course W.; asc. 200 ft., on SW. slope, to
 29.00 Spur, sloping NW.; desc. 50 ft., on NE. slope, to
 33.90 Wash, course NW.; asc. 80 ft., on SE., on SE. slope, to
 38.40 Ridge, in saddle, bearing NW. and SE.; desc. NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 44.90 Head of draw, course NW.; 60 ft. below ridge.; asc. 25 ft.,
 to
 49.90 Spur, sloping NW.; desc. 150 ft., on NE. slope, to
 55.40 Wash, 50 lks. wide, course NW.; asc. 150 ft., on SW. slope,
 to
 64.15 Spur, sloping NW.; desc. 180 ft., on NE. slope, to
 73.75 Wash, 40 lks. wide, course NW.; asc. SW. slope.
 76.80 Spur, slopes SW. Desc. 50 ft. to
 78.15 Draw, near head, course SW. Asc. 10 ft. on SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 17, 18, 19 and 20, with brass
 cap, marked

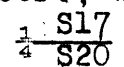
T16N R11W



1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, greasewood, oak brush,
 cat claw and cactus. Poor grass..

40.00 East on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line, 10 lks. N. of the cor. of secs.
 16, 17, 20 and 21.
 Thence N.89° 56' W., on a true line, bet. secs. 17 and 20,
 over mountainous land, through dense undergrowth.
 Desc. 325 ft., on NW. slope, to
 8.45 Gulch, near head, course SW. Asc. to
 11.45 Desc. 100 ft., on SW. slope, to
 16.20 Head of gulch, course S. Asc. 25 ft. to
 17.15 Spur, sloping S.; desc. 170 ft., on SW. slope, to
 30.75 Head of gulch, course SE. Asc. 40 ft., on NE. slope, to
 32.90 Spur, sloping SW.; desc.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 50.43 Wash, in bottom of gulch, course SW.; 400ft. below spur.
 Asc. 110 ft., on SE. slope, to
 58.75 Top of rocky spur, sloping SE.; desc. 410 ft., on broken SW.
 slope, to
 78.45 Wash, 20 lks wide, course SW. Asc. to
 79.00 Spur, sloping SW. Desc. to
 79.80 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous and broken.

18. Partial Subdivision of T. 16 N., R. 11 W.

Chains.	Soil, rocky; 4th rate. No timber. Undergrowth, palo-verde, oak brush, greasewood, cat claw and cactus. Poor grass.
40.00	West on a random line, bet. secs. 18 and 19.
78.22	Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 6 lks. S. of cor. of secs. 13, 18, 19 and 24, described in Book D.
0.80	Thence S.89° 57'E., on a true line, bet. secs. 18 and 19, over mountainous land, through dense undergrowth. Desc. 15 ft., on SE. slope, to Wash, 30 lks. wide, course SW.: asc. 330 ft., on NW. slope to
12.50	Spur, sloping S.; desc. 140 ft., on E. slope, to
18.57	Head of draw, course SW.; asc. 35 ft., on W. slope, to
21.50	Spur, sloping SW.; asc. 325 ft., on SW. slope, to
33.25	Ridge, brs. NW. and SE.; desc.
38.22	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\begin{array}{c} s18 \\ \frac{1}{4} s19 \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
53.57	Wash, 100 lks. wide, course NW.; 300 ft. below spur. Asc. 230 ft., to
73.25	Spur, sloping S.; desc. 35 ft., on SE. slope, to
78.22	The cor. of secs. 17, 18, 19 and 20. Land, mountainous and broken. Soil, rocky; 4th rate. No timber. Undergrowth, scrub cedar, palo verde, oak brush, greasewood, cat claw, cactus and ocotillo. Poor grass.
	N.0°03'W., bet. secs. 17 and 18, over mountainous land, through dense undergrowth. Asc. 340 ft., on SE. slope, to
13.30	Spur, sloping SW.; desc. 30 ft., on NW. slope, to
19.00	Head of draw, course W.
20.00	Spur, sloping W.; desc. 130 ft., on NW. slope, to
28.70	Spur, sloping NW.; desc. 100 ft., on NE. slope, to
34.53	Wash, 10 lks. wide, course NW.; asc. SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\begin{array}{c} s18 s17 \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
41.20	Spur, sloping W.; 75 ft. above wash.; desc. 60 ft., on steep N. slope, to
44.03	Wash, 30 lks. wide, course SW.; asc. 500 ft., to
63.25	Ridge, bears NE. and NW.; desc. 80 ft., on NE. slope, to
71.25	Spur, sloping NE.; desc. 70 ft., on NW. slope, to
78.00	Spur, sloping NW.; desc. 50 ft., on N. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked

Partial Subdivision of T. 16 N., R. 11 W.

Chains

T16N	R11W
S7	S8
S18	S17

1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub cedar, greasewood, palo-verde, oak brush, catclaw, ocotillo and cactus.

Poor grass.

East, on a random line, bet. secs. 8 and 17.

40.00 Set temp. ¼ sec.cor.

79.90 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17.

Thence West, on a true line, bet. secs. 8 and 17, over mountainous land, through dense undergrowth.

Desc. 45 ft., on W. slope, to

2.05 Wash, course SW.; asc. 25 ft., on SE. slope, to

8.95 Spur, sloping S.; desc. 80 ft., on Sw. slope, to

13.80 Wash, 10 lks. wide, course SW.

24.80 Spur, sloping S.; desc. SW. slope.

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

S 8

¼ -----

S 17

1916

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

42.33 Wash, 2 chs. wide, course NW.; 195 ft. below spur.

Asc. 110 ft., on NE. slope, to

48.80 Spur, sloping NW.; desc. 110 ft., on NW. slope, to

55.60 Wash, 20 lks. wide, course NE.; asc. 65 ft., on SE. slope, to

65.40 Spur, sloping NE.

79.30 Head of draw, course N.; asc. 70 ft., on NE. slope, to

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub cedar, palo-verde, ocotillo, greasewood, catclaw, oak brush, and cactus.

Poor grass.

West, on a random line, bet. secs. 7 and 18,

40.00 Set temp. ¼ sec. cor.

78.35 Intersect W. bdy. of Tp. 20 lks. S. of the cor. of secs. 7, 12, 13 and 18, described in Book D.

Thence S.89°51'E., on a true line, bet. secs. 7 and 18, over mountainous land, through dense undergrowth.

14.90 Wash, 10 lks. wide, course SW.; asc. 400 ft., on NW. slope, to

38.35 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 20 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked

S 7

¼ -----

S 18

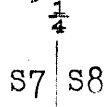
1916

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Impracticable to set post farther in ground.
 Asc. 150 ft., on SW. slope, to
 44.85 Spur, sloping NW.; desc. 335 ft., on NE. slope, to
 58.10 Wash, 10 lks. wide, course N.; asc. 145 ft., on W. slope, to
 65.25 Spur, sloping NW.; desc. 30 ft., on NE. slope, to
 68.70 Head of draw, course N.; asc. 160 ft., on NW. slope, to
 77.05 Spur, sloping NW.
 78.35 The cor. of secs. 7, 8, 17 and 18.

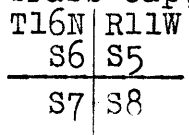
Land, broken and mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, oak brush, palo-verde, grease-
 wood, catclaw and cactus.
 Poor grass.

N.0°03'W., bet. secs. 7 and 8,
 over mountainous land, through dense undergrowth.
 Desc. 110 ft., to
 5.75 Spur sloping NE.: desc. 160 ft., on N. slope, to
 12.35 Gulch, containing clear stream, 2 lks. wide, 1 in. deep,
 course W.; asc. 245 ft., on S. slope, to
 22.75 Spur, sloping SW.; desc. 140 ft., on NW. slope, to
 30.40 Gulch, course SW; asc. 140 ft., on SE. slope, to
 35.40 Spur, sloping SW.; asc. SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 45.50 Spur, sloping SW.; 140 ft. above spur at 35.40 ch pt.
 Desc. 210 ft., on SW. slope, to
 61.10 Bitter Creek, dry, near head, course SW.; asc. 720 ft.,
 on SW. slope of mesa, to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground and 16 ins. in a mound of stone, for cor. of secs.
 5, 6, 7 and 8, with brass cap, marked



1916

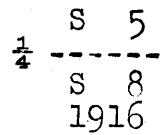
and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Impracticable to set post farther in ground.
 Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub cedar, palo-verde, oak brush, grease-
 wood, catclaw and cactus.
 Poor grass.

East, on a random line, bet. secs. 5 and 8.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line 11 lks. N. of the cor. of secs.
 4, 5, 8 and 9.
 Thence N.89°55'W., on a true line, bet. secs. 5 and 8,
 over rolling mesa, through scattering undergrowth.
 Desc. on SE. slope, to
 3.00 Wash, 10 lks. wide, course SE.; asc. 90 ft., on NE. slope, to

Partial Subdivision of T. 16 N., R. 11 W.

Chains

- 14.10 Top of ridge, (edge of mesa), bears NW. and SE.
Desc. 485 ft., on SW. slope, through dense undergrowth, to
- 30.20 Gulch, course SW.: asc. 100 ft., on SE. slope, to
- 37.20 Top of spur, sloping S.; desc. SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked



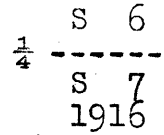
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set post farther in ground.
- 52.00 Gulch, 470 ft. below spur, course S.; asc. 620 ft., on E. slope, to
- 76.80 Top of spur, sloping SE.; desc. over ledges, 15 ft., on SW. slope, to
- 80.00 The cor. of secs. 5, 6, 7 and 8.

Land, rolling mesa and mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

- 40.00 West, on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
- 78.22 Intersect W. bdy. of Tp. 6 lks. S. of the cor. of secs. 1, 6, 7 and 12, described in Book D.

Thence S. $89^{\circ}57'E.$, on a true line, bet. secs. 6 and 7, over broken mountainous land, through dense undergrowth. Desc. SE. slope.

- 1.30 Gulch, course SW.; asc. 210 ft., on NW. slope, to
- 11.45 Top of spur, sloping SW.; desc. 205 ft., on SE. slope, to
- 20.00 Gulch, course SW.; asc. NW. slope.
- 38.22 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked



- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set post farther in ground.
- 42.10 Spur, sloping SW.; 650 ft. above gulch; desc. rough slope, broken by cliffs, along S. side of mesa.
- 54.80 Asc. rough slope of mesa, broken by cliffs, 525 ft., to
- 78.22 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

- 40.00 N. $0^{\circ}03'W.$, on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect N. bdy. of Tp. 3 lks. E. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence S. $0^{\circ}04'E.$, on a true line, bet. secs. 5 and 6, over top of mesa, dense undergrowth.

- 15.00 Asc. gradually, 90 ft., on NE. slope, to
Ridge bears E. and W.; desc. gradually, 115 ft., to

Chains
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S6 | S5
 1916

78.60 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set post farther in ground.
 79.90 Edge of mesa bears E. and W.; desc. 50 ft., to The cor. of secs. 5, 6, 7 and 8.

Land, 1.30 chs. mountainous and balance mesa.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo-verde, oak brush, greasewood, catclaw and cactus. Poor grass.

Boundaries of Portion of T. 16 N., R. 11 W.

Latitudes, Departures, and Closing Errors.

Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	West	238.50				238.50
West Boundary	North	480.00	480.00			
North Boundary	East	238.00			238.00	
East Boundary, Subdivisional,	S.0°06'W. S.0°02'E.	80.20 400.00		80.20 400.00		.14
Convergence					.25	
Totals			480.00	480.20 480.00	238.48	238.64 238.48
Error in Latitude,				.20		
Error in Departure,						.16

General Description.

The portion of the township surveyed under this group is very rough and broken, the northern part being the higher, and terminating in a high mesa, which embraces the north tier of sections. The general slope is westerly.

Bitter Creek heads in the NW. part of the township, and Sycamore Creek flows through the southern and western portion. The latter contains a stream of pure, clear water, which averages 25 lks. wide and 1 ft. deep.

The soil is very rocky, supporting a meager growth of grass and an abundance of scrub cedar, palo-verde, greasewood, oak brush, catclaw, ocotillo and cactus. A few cottonwood trees are found on the banks of Bitter Creek. The cedar is found chiefly on N. slopes.

There is no agricultural land and no settlers. The land is valuable for grazing purposes only.

1360000000

Book "E".

Group 49, Arizona.

Township 16 North, Range 11 West.

DATE DIAGRAM.

	2-11-16	2-12-16	2-12-16
2-5-16	6 2-23-16	5 2-23-16	4 2-15-16
2-5-16	7 2-9-16	8 2-9-16	9 2-14-16
2-2-16	18 2-8-16	17 2-8-16	16 2-4-16
2-2-16	19 2-5-16	20 2-8-16	21 2-7-16
2-2-16	30 2-7-16	29 2-7-16	28 2-7-16
2-2-16	31 2-5-16	32 2-4-16	33 2-4-16
	2-3-16	2-3-16	2-3-16

Lines dated in red were surveyed by Otis Ross,
U. S. Surveyor.

Lines dated in blue were surveyed by A. Parker Warner,
U. S. Transitman.

FOR LIST OF ASSISTANTS, SEE BOOK "A"

BOOK 3038

For certificates of U. S. Surveyor and
U. S. Transitman, see Book "A".A P P R O V A L

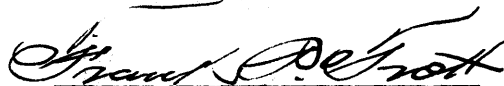
Office of United States Surveyor-General,

Phoenix, Arizona. JUN 27 1918

The foregoing field notes of the survey of a
portion of the South and North Boundaries and
partial Subdivision of

TOWNSHIP 16 NORTH, RANGE 11 WEST,

of the Gila and Salt River Base and Meridian, in
the State of Arizona, executed by Otis Ross, U. S.
Surveyor, under special instructions dated February
20, 1915, for Group 49, Arizona, having been critically
examined, and the necessary corrections and explana-
tions made, the said field notes and the surveys they
describe, are hereby approved.



U. S. Surveyor-General