

187

JAN - 1. 1919

3233

Book "K"

4-679

BOOK 3233

(Subdivisions)

NOV 23 1918

FIELD NOTES

OF THE SURVEY OF THE

Completion of Subdivision Lines of

TOWNSHIP 11 NORTH, RANGE 12 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

L. E. Wilkes, U. S. Surveyor,

and

Hugo Price, U. S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated July 23, 1914,

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

Group No. 36, which were approved by the Commissioner of the General Land

Office, August 15, 1914.

Survey commenced Jan. 12, 1915

Survey completed April 28, 1917.

Executed under Assignment
Instructions dated

3233

3233

188
1A

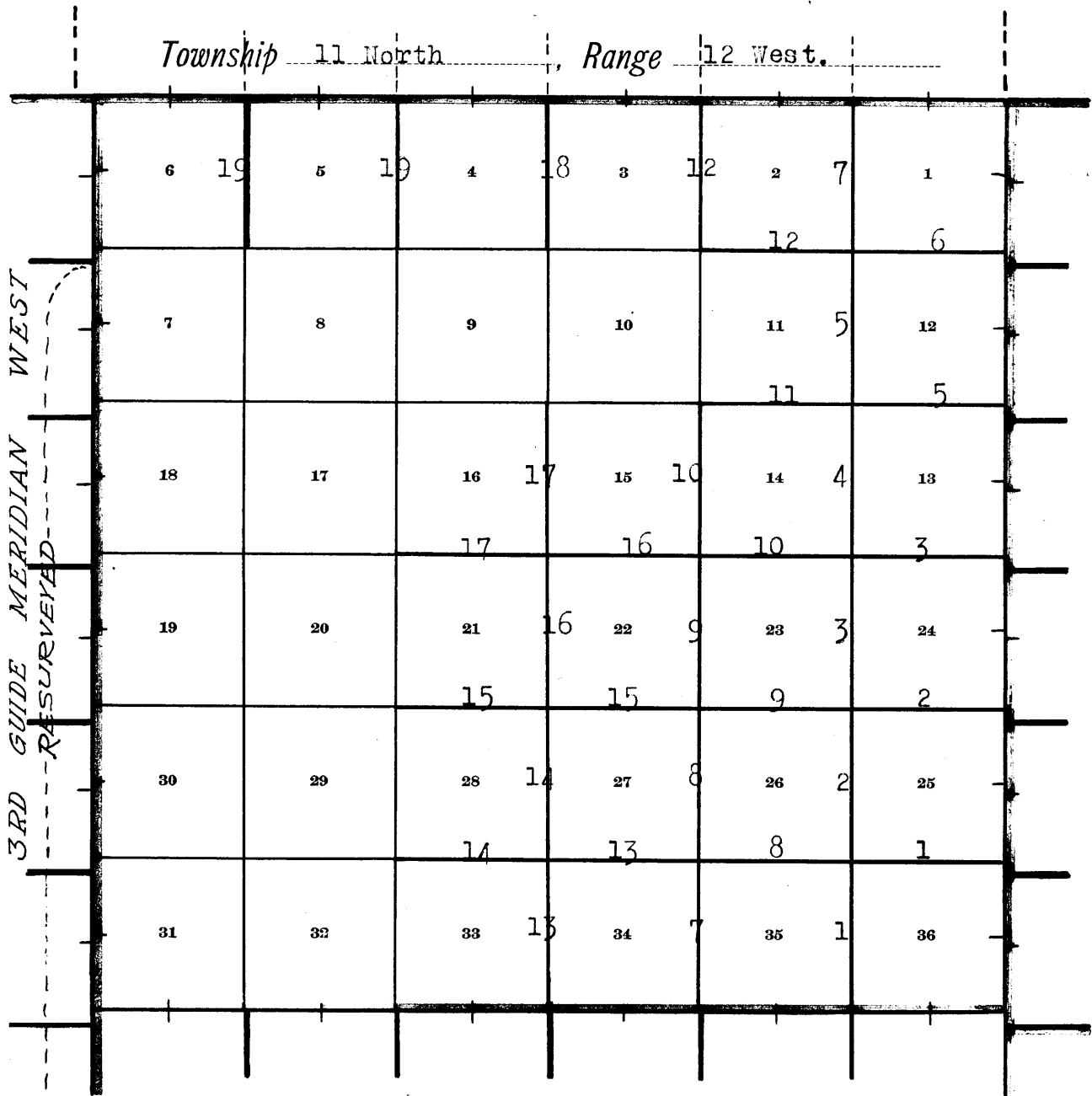
BOCY 2283

3233

Book "X"

Group 36 - - -Arizona

INDEX DIAGRAM.



Subdivision lines surveyed under this group.

Township boundaries surveyed under this group.
Notes in Book "A".3223

Standard lines, ^{surveyed or} resurveyed under this group.
Notes in Book "B".3224

Accepted surveys.

Unsurveyed.

Completion of Subdivision of Township 11 North, Range 12 West. 1 B

Chains

Surveys hereinafter described were executed by L.E. Wilkes, U.S. Surveyor, and Hugo Price, U.S. Transitman, on dates shown on diagram on page 23 hereof, using Young and Sons' transits Nos. 8541 and 8539, respectively. Description, record of approval and tests of transit No. 8541 is given in Book "A." Same data in regard to transit No. 8539 is given in Book "E." In the following notes, the initials "L.E.W." and "H.P." are inserted at the beginning and ending of those portions of the notes describing the respective surveys by L.E. Wilkes, U.S.S. and Hugo Price, U.S.T.

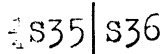
L.E.W.

From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., described in Book "A."

N. 0° 1' W., bet. secs. 35 and 36.

Over level desert mesa, thru. dense brush.

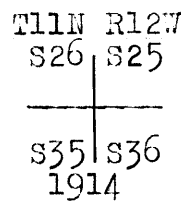
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,



1914

Dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

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



Dig pits 18x18x12 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 mesa. Soil, sandy loam, 2nd rate. Undergrowth, dense greasewood and palo verde. No timber.

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

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

79.98 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 25 and 36, described in Book "A."

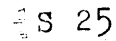
Thence,

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

Over rolling land in Date Creek bottom, thru. dense brush.

8.00 Trail, brs. N. 35° W. and S. 35° E.

39.99 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,



1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

42.00 Wash, 65 lks. wide, 4 ft. deep, course N. 10° E.

45.00 Foot of mesa. Leave Date Creek bottom. Ascend 50 ft. to

47.30 Edge of mesa, brs. N. 10° E. and S. 10° W. Thence over level top of mesa.

72.20 Wash, course N. 20° W.

2. Completion of Subdivision of Township 11 North, Range 12 West.

Chains

78.40 Road brs. N.20°W. and S.20°E. Extends E. to Congress Junction.

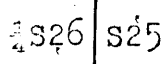
79.98 The cor. of secs. 25, 26, 35 and 36.
Land, rolling and level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Undergrowth, dense greasewood and palo verde.
No timber.

N.0°11'W., bet. secs. 25 and 26.
Over level desert mesa, thru dense brush.

2.00 Road brs. N.30°W. and S.30°E. Extends E. to Congress Junction.

-13.60 Wash, course N.30°W. Thence over slightly rolling NW slope.

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



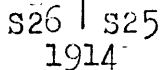
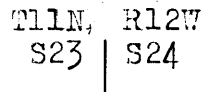
1914

Dig pits 18x18x12 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.

43.80 Wash, course N.15°W.

66.70 Wash, course NW.

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



1914

Dig pits 18x18x12 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 and slightly rolling.
Soil, sandy and gravelly, 3rd rate.
Undergrowth, dense greasewood and palo verde.
No timber.

S.89° 59'E., on a random line, bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

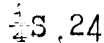
80.00 Intersect E. bdy. of Tp., 4 lks. N. of the cor. of secs. 24 and 25, described in Book "A."

Thence,
N.89°57'W., on a true line, bet. secs. 24 and 25.

Over rolling mesa, thru dense brush.

36.50 West rim of mesa, brs. N. and S. Leave mesa; descend 60 ft. to

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



1914

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

Descend 30 ft. to

41.30 Enter Date Creek bottom, brs. NW. and SE.

47.00 Trail brs. N.30°W. and S.30°E.

48.00 Dry channel of Date Creek, 80 lks. wide, course N.55°W.

57.00 Leave Date Creek bottom. Ascend 90 ft. to

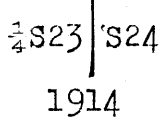
66.30 E. rim of mesa, brs. N.20°E. and S.20°W. Thence over slightly rolling N. slope of mesa.

Completion of Subdivision of Township 11 North Range 12 West

Chains.

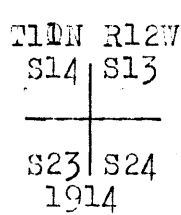
80.00 The cor. of secs. 23, 24, 25 and 26.
Land, rolling and level.
Soil, coarse sandy loam, 3rd rate.
Undergrowth, dense greasewood and palo verde.
No timber.

N. 0° 1' W., bet. secs. 23 and 24.
Over rolling mesa, thru dense brush.
14.00 Wash, 10 lks. wide, in gulch, 30 ft. deep, course N. 30° W.
21.20 Rim of mesa, brs. NW. and SE. Leave top of mesa. Descend 60 ft. to
27.70 Dry channel of Date Creek, 15 lks. wide, course N. 55° W. Ascend 80 ft.
34.60 Trail brs. N. 55° W. and S. 55° E.
37.00 Spur, slopes W. Descend 50 ft.
39.00 Ravine, course S. 75° W.
Ascend 50 ft. to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 20 ft.
41.00 Rim of mesa, brs. E. and W. Thence over rolling top of mesa. Ascend.
54.00 Rim of mesa, brs. E. and W. Descend 60 ft.
63.50 Wash, in gulch, course N. 30° W. Ascend 40 ft.
73.00 Rim of mesa brs. NW. and SE. Thence over nearly level top of mesa.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap,

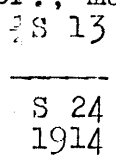


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.
Soil, sandy and rocky, 3rd and 4th rate.
Undergrowth, dense scattering greasewood and palo verde.
No timber.

S. 89° 57' E., on a random line, bet. secs. 13 and 24.
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect E bdy. of Tp., 2 lks. N. of the cor. of secs. 13 and 24, described in Book "A."

Thence,
N. 89° 56' W., on a true line, bet. secs 13 and 24.
Over mountainous land, thru dense brush.
Along broken N. slope, from rolling mesa to the S.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/2 sec. for., marked on brass cap,



4. Completion of Subdivision of Township 11 North, Range 12 West.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 65.00 Wash, 50 lks. wide, course N. 20° W. Ascend 50 ft.
- 67.00 Spur, slopes N. 25° E. ending 3.00 chs. N. of line. Descend 40 ft.
- 70.00 Bend in same wash, 50 lks. wide, course N. 15° W. from N. 70° E. Ascend 60 ft. to
- 72.50 Top of cliff or rim rock, brs. N. and SE. Thence over mesa.
- 80.00 The cor. of secs. 13, 14, 23 and 24. Land, mountainous and rolling. Soil, rocky, 4th rate. Undergrowth, greasewood and palo verde. No timber.

N. 0° 1' W., bet. secs. 13 and 14.

Over rolling top of mesa, thru. dense brush. Descend 32 ft. to

- 4.00 Top of bluff, 70 ft. high, brs. NW. and S. 60° E. Leave mesa, enter mountainous land.
- 7.70 Wash, 50 lks. wide, course NW. Ascend steep SW. slope.
- 11.70 Top of bluff, 65 ft. high, brs. N. 60° W. and S. 15° E. Ascend 50 ft.
- 22.00 Spur, slopes NW. Descend 85 ft. to
- 34.20 Wash, 50 lks. wide, course N. 5° W. Thence along E. side of this wash in Date Creek bottom.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/2 sec. cor., marked on brass cap,

S14 | S13

1914

Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

- 46.50 Wire fence brs. E. and W. Enter D. F. Chisholm's corral.
- 47.00 D. F. Chisholm's dwelling brs. W. 5.00 chs. dist.
- 47.20 Wire fence brs. E. and W. Leave D. F. Chisholm's corral, which extends E. 25 lks. and W. 60 lks. dist.
- 47.80 Irrigation ditch, 4 lks. wide, course W. Enter dense willow brush, brs. E. and W.
- 54.00 Left or south bank of Santa Maria river, brs. N. 75° W. and S. 75° E. Thence over dry bed of said river, course westerly.
- 67.00 Enter scattering cottonwood timber, bearing E. and W.
- 80.00 Point for cor. of secs. 11, 12, 13 and 14, falls in river bed, where a monument would be carried away by the water. Therefore, continue N. 0° 1' W. a dist. of 4.50 chs., and at
- 84.50 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for W. C. to the cor. of secs. 11, 12, 13 and 14, marked on brass cap,

WC 450
T11N R12W
S11 | S12

S14 | S13

1914

from which,

- A mesquite, 15 ins. diam., brs. N. 42 1/2° E., 31 lks. dist., marked W C T 11 N R 12 W S 12 B T.
- A mesquite 8 ins. diam., brs. S. 56° E., 38 lks. dist., marked W C T 11 N R 12 W S 13 B T.
- A mesquite, 8 ins. in diam., brs. S. 27° W., 79 lks. dist., marked W C T 11 N R 12 W S 14 B T.
- A mesquite. 5 ins. diam., brs. N. 61 1/2° W., 139 lks. dist., marked W C T 11 N R 12 W S 11 B T.

Completion of Subdivision of Township 11 North, Range 12 West.

Chains.

Land, rolling, mountainous and level.
Soil, sandy and rocky; in mountainous land, 4th rate; in rolling and level land, 2nd rate.
Undergrowth, dense greasewood and palo verde in south half, and dense willows in north half;
Timber, scattering cottonwood in river bed.

- 40.00 From true point for cor. of secs. 11, 12, 13 and 14, N. 89° 56' E. on a random line, bet. secs. 12 and 13. Set temp. 1/4 sec. cor.
- 79.84 Intersect E bdy. of Tp., 7 lks. N. of the cor. of secs. 12 and 13, described in Book "A." Thence, S. 89° 59' W., on a true line, bet. secs. 12 and 13. Over nearly bottom land, along Santa Maria river, thru. dense brush.
- 13.80 Road brs. N. 60° W. and S. 60° E.
- 25.10 Same road brs. N. 80° E. and S. 80° W.
- 28.80 Wash, 10 lks. wide, course S. 10° E.
- 31.20 Bank 20 ft. high, bears N. 60° W. and S. 60° E.
- 32.60 Same road brs. N. 70° W. and S. 70° E.
- 32.70 Ditch, course N. 70° W.
- 32.80 Right or north bank of Santa Maria river, brs. N. 60° W. and S. 60° E. Thence down dry bed of said river, course westerly.
- 39.92 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

S 12

S 13
1914

from which,

- A cottonwood 14 ins. diam., brs. N. 15° W., 99 lks. dist., marked 1/4 S 12 B. T.
- A cottonwood, 8 ins. diam., brs. S. 54° W., 46 lks. dist., marked 1/4 S 13 B. T.
- 46.40 Same bank of river, brs. S. 85° W. and N. 75° E. Leave river bed.
- 53.80 Same bank of river, brs. N. 85° W. and S. 85° E. Thence in dry bed of river.
- 79.84 The true point for cor. of secs. 11, 12, 13 and 14, in dry river bed. Land, level and rolling.
Soil, in the bottom land, sandy loam, 1st rate; in river bed, coarse sand, 4th rate.
Undergrowth, dense mesquite, willow and cottonwood.
Timber, mesquite and cottonwood.

- From true point for cor. of secs. 11, 12, 13 and 14, N. 0° 1' W., bet. secs. 11 and 12. Over dry bed of Santa Maria river, course westerly, thru. scattering brush and trees.
- 4.00 Right or north bank of Santa Maria river, brs. E. and W. Leave river bed; enter rolling land; ascend 90 ft. over SW. slope.
- 4.50 W. C to cor. of secs. 11, 12, 13 and 14, hereinbefore described.
- 5.00 Road brs. N. 75° E. and S. 75° W.
- 15.00 Top of ascent, brs. NW. and SE. Descend 40 ft.
- 29.50 Ravine, 15 lks. wide, course S. 20° E. Ascend 125 ft. to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

S 11 | S 12

1914

6. Subdivision of Township 11 North, Range 12 West.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Leave rolling land; ascend over mountainous land, sloping SE.

52.50 Wash, 25 lks. wide, course SE. in gulch, 30 ft. deep,

63.10 Ravine, 60 lks. wide, course S. 15° E.

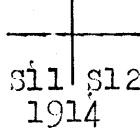
69.50 Wash, 20 lks. wide, course S. 35° E.

Ascend 75 ft. to

80.00 Spur, slopes S. 10° E.

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

T11N R12W
S 2 S 1



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, level, rolling and mountainous.

Soil, in river, coarse, sandy, 4th rate; in bottom land, sandy loam, good, 2nd rate; in mountainous land, rocky, of no apparent value.

Undergrowth, dense scattering palo verde, ocotillo and greasewood, over rolling and mountainous, land and dense willow and cottonwood in river bed.

Timber, scattering willow and cottonwood along river. None in other part of line.

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

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect E. bdy. of Tp., 26 lks. S. of the cor. of secs. 1 and 12, described in Book "A."

Thence,

S. 89° 48' W., on a true line, bet. secs. 1 and 12.

Over mountainous land, thru scattering brush. Ascend.

2.30 Spur, slopes S. Thence over irregular SW. slope. Descend 70 ft. to

11.30 Wash, in gulch, course SW. Descend 180 ft. to

30.00 Wash, 60 lks. wide, course SW. Ascend 60 ft.

34.00 Spur, slopes S. Descend 60 ft.

38.00 Ravine, 50 lks. wide, course S. 60° E.

Ascend 65 ft. to

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

1/4 S 1

S 12
1914

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend 150 ft. to

54.00 Spur, slopes.

Descend 150 ft. to

67.40 Ravine, 5 lks. wide, course S. 20° E. Ascend 75 ft.

71.40 Spur, slopes S. 20° E. Descend 50 ft. to

75.80 Wash, 15 lks. wide, course S. 15° E. Ascend 100 ft. to

80.14 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.

Soil, rocky of no apparent value.

Undergrowth, scattering greasewood and palo verde and ocotillo.

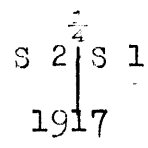
No timber.

L.E.W.

Subdivision of Township 11 North, Range 12 West, 7.

Chains

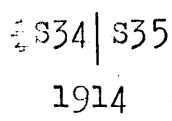
H.P.
 North, on random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 70.38 Intersect N. bdy.of Tp., 21 lks.E.of cor.of secs.1,2,35
 and 36, described in Book "A."
 Thence,
 S.0°10'E., on a true line, bet. secs.1 and 2.
 Over mountainous land, thru.scattering brush. Ascend gen-
 eral NW slope.
 3.58 Wash, 20 lks.wide, course N.40°W. in gulch, 20 ft. deep.
 20.88 Ridge, brs.N.45°E. and S.45°W., 210 ft. above sec.cor.
 Descend SE. slope.
 29.90 Spur, slopes SE. Continue descent.
 30.38 30 ft. below ridge, 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,



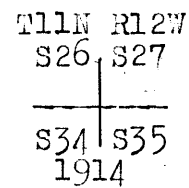
and raise a mound of stone 3 ft.base, 2 ft.high,W.of
 cor.
 Descend.
 47.18 Spur, slopes S.10°E. Continue descent.
 53.95 Head of gulch, 10 lks.wide, 3 ft.deep, course S.30° E.
 260 ft. below $\frac{1}{4}$ sec.cor.
 Ascend 30 ft.
 59.60 Spur, slopes SE. Descend 140 ft.
 65.50 Wash, 15 lks.wide, course SE. Ascend 50 ft.
 70.38 The cor.of secs.1,2, 11 and 12 on top of spur, sloping
 S 10° E
 Land; mountainous.
 Soil, rocky, 4th rate.
 Undergrowth, scattering palo verde. greasewood and cactus.
 No timber.

H. P.

 From the cor.of secs. 2,3, 34 and 35 on S. bdy.of Tp.,
 described in Book "A,"
 N.0°1'W., bet. secs.34 and 35.
 Over nearly level desert mesa, thru.dense brush.
 12.00 Road brs.E. and W. Extends NW. to Alamo, and joins the
 Alamo--Wenden road a short distance E. of line.
 15.20 Road brs.N.30°W. and S.30°E. Extends NW. to Alamo and S.
 to Wenden.
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,



Dig pits 18x18x12 ins., N.and S. of cor.3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,W.
 of cor.
 50.40 Wash.10 lks.wide, course NW.
 80.00 Set an iron post 3 ft.long, .2 ins. in diam., 24 ins. in
 the ground for cor.of secs.26,27, 34 and 35, marked on
 brass cap,



Dig pits 18x18x12 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.

8. Subdivision of Township 11 North, Range 12 West.

Chains.

Land, nearly level mesa.
Soil, sandy loam, 2nd rate.
Undergrowth, dense greasewood and palo verde.
No timber.

- 40.00 East, on a random line, bet. secs. 26 and 35.
- Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect the cor. of secs. 25, 26, 35 and 36.
- Thence,
- West, on a true line, bet. secs. 26 and 35.
- Over nearly level mesa, thru dense brush.
- 13.50 Wash, 10 lks. wide, course N, 30° W.
- 39.99 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 26

S 35
1914

- Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 50.70 Road, brs. N. and S. Extends N. to Santa Maria river and E. to Congress Junction.
- 79.98 The cor. of secs. 26, 27, 34 and 35.
- Land, nearly level mesa.
- Soil, sandy loam, good, 2nd rate.
- Undergrowth, dense greasewood and palo verde.
- No timber.

- N. 0° 1' W., bet. secs. 26 and 27.
- Over nearly level mesa, thru dense brush.
- 34.00 Road brs. N. 30° W. and S. 30° E. Extends N. to Santa Maria river, and E. to Congress Junction.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 27 | S 26

1914

- Dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Leave mesa, and descend gradually.
- 51.10 Wash, 15 lks. wide, course N. 20° W.
- 56.00 Same wash, course N. 10° E.
- 63.00 Same wash, course N. Thence in wash.
- 68.20 Leave wash, course N. 10° W.
- 76.50 Same wash, course N. Thence in wash.
- 80.00 Point for cor. of secs. 22, 23, 26 and 27 falls in same wash, course N. 15° E.; therefore, continue N. 0° 1' W., and at
- 80.30 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for W. C. to the cor. of secs. 22, 23, 26 and 27, marked on brass cap,

T11N R12W
S22 | S23
WC | 30
S27 | S26

1914

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of post.
Land, rolling,
Soil, sandy loam, 2nd rate.

Subdivision of Township 11 North, Range 12 West. 9.

Chains.

Undergrowth, dense greasewood, palo verde, catclaw and ocotillo.
No timber.

- 40.00 From true point for cor. of secs. 22, 23, 26 and 27, East, on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence, N. $89^{\circ} 55' W.$, on a true line, bet. secs. 23 and 26. Over rolling land, thru dense brush.
- 14.40 Road brs. N. and S.
- 17.00 Wash, 15 lks. wide, course N.
- 32.20 Wash, 10 lks. wide, course N.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 23

S 26
1914

- 46.30 Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 46.30 Road brs. N. $30^{\circ} W.$ and S. $30^{\circ} E.$ Extends N. to Santa Maria river and E. to Congress Junction.
- 51.60 Road brs. N. $10^{\circ} E.$ and S. $10^{\circ} W.$
- 59.00 Wash, 10 lks. wide, course N. $55^{\circ} W.$
- 73.70 Wash, course N. $10^{\circ} E.$
- 80.00 The true point for cor. of secs. 22, 23, 26 and 27, in wash, course N. $15^{\circ} E.$ Land, rolling. Soil, sandy loam, 2nd and 3rd rate. Undergrowth dense greasewood, palo verde and ocotillo. No timber.

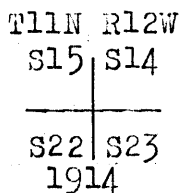
- 0.20 From true point for cor. of secs. 22, 23, 26 and 27, N. $0^{\circ} 1' W.$, bet. secs. 22 and 23, in bed of wash. Leave wash, course N. $15^{\circ} E.$
- 0.30 The W.C. to the cor. of secs. 22, 23, 26 and 27, hereinbefore described.
- 2.50 Same wash, 40 lks. wide, course N. $10^{\circ} W.$ Thence over rolling land, thru dense brush.
- 6.50 Wash, course N. $40^{\circ} W.$
- 19.00 Dim road, or trail, bears N. $30^{\circ} W.$ and S. $30^{\circ} E.$
- 29.30 Wash, 20 lks. wide, in gulch, 30 ft. deep, course N. $60^{\circ} W.$
- 39.70 Wash, 10 lks. wide, in gulch, 20 ft. deep, course S. $30^{\circ} W.$
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 22 | S 23
1914

- 41.70 and raise a mound of stone 3 ft. base; 2 ft. high, W. of cor.
- 41.70 Road, brs. N. $30^{\circ} E.$ and S. $30^{\circ} W.$
- 52.30 Road brs. N. $30^{\circ} W.$ and S. $30^{\circ} E.$ Extends N. to Santa Maria river and east to Congress Junction.
- 76.80 Same road at Fork N. $10^{\circ} E.$ and N. $45^{\circ} E.$ from S. $5^{\circ} W.$
- 80.00 Set an iron post 3 ft. long; 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked on brass cap,

10. Completion of Subdivision of Township 11 North, Range 12 West.

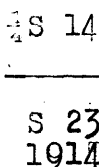
Chains.



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, heavily rolling.
Soil, sandy and rocky, 3rd rate.
Undergrowth, greasewood, palo verde and ocotillo.
No timber.

- 40.00 S. 89° 55' E., on a random line, bet. secs. 14 and 23. Set temp. 1/4 sec. cor.
- 80.02 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 13, 14, 23 and 24.
- Thence,
- 11.30 N. 89° 51' W., on a true line, bet. secs. 14 and 23. Over rolling mesa, thru scattering brush. Descend 60 ft. Rim of mesa, brs. N. 10° E. and S. 10° W. Leave mesa. Descend 50 ft. to
- 16.20 Foot of slope, brs. N. and S. Enter Date Creek bottom.
- 17.50 Dry bed of Date Creek, 4 ft. deep, 100 lks. wide, course N. 10° W. Leave Date Creek bottom. Ascend 160 ft. to
- 32.50 Spur slopes N. 15° E. Descend 50 ft. to
- 39.70 Wash, 5 lks. wide, course N. 20° W. Thence over broken N. slope.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 68.70 Road brs. N. 30° E. and S. 30° W.
- 69.50 Wash, 20 lks. wide, course N. 30° E. Ascend 50 ft. to
- 78.40 Spur slopes N. 5° E. Road brs. N. 5° E. and S. 5° W. Extends E. to Congress Junction. Descend 15 ft. to
- 80.02 The cor. of secs. 14, 15, 22 and 23.
Land, rolling and broken.
Soil, light loam and rocky, 3rd rate.
Undergrowth, scattering greasewood, palo verde and ocotillo.
No timber.

- 40.00 N. 0° 1' W., on a random line, bet. secs. 14 and 15. Set temp. 1/4 sec. cor.
- 80.19 Intersect E. and W. line, 28 lks. W. of the true point for cor. of secs. 10, 11, 14 and 15, witnessed 2.00 chs. N. 0° 1' W. by an iron post 2 ins. in diam., 12 ins. above ground, formerly set, marked and witnessed as described by the surveyor general..
- From true point for sec. cor.,
- S. 0° 11' W., on a true line, bet. secs. 14 and 14.
- Over dry river bed, course westerly, thru scattering brush and timber.
- 10.00 Leave timber and brush, bearing E and W.
- 15.20 Santa Maria river, water 6 ins. deep, 60 lks. wide, course N. 75° W.
- 27.70 Left or south bank of river, 6 ft. high, brs. E. and W. Leave river bed.

Completion of
Subdivision of Township 11 North, Range 12 West. 11

Chains

Irrigation ditch, 3 lks. wide, course NW.
Enter level bottom land, brs. E. and W., covered with mesquite trees, about 20 ft. high.

29.20 Road brs. E^s and W.

32.20 Leave level bottom land and mesquite timber; enter heavily rolling and broken land, with scattering brush bearing E and W.
Ascend 40 ft. to

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

S15 | S14
1914

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Ascend 90 ft.

43.40 Spur, slopes NW. Descend 75 ft. to

60.00 Wash, course N. 30° W. near head.

62.15 Road brs. N. 30° W. and S. 30° E. Extends E. to Congress Junction.

64.20 Same road brs. N. 10° E. and S. 10° W.

69.40 Same road brs. N. 30° W. and S. 45° E.

74.00 Same road brs. NE. and S. 20° W.

78.00 Same road brs. N. 10° W. and S. 10° E.

80.19 The cor. of secs. 14, 15, 22 and 23.
Land, broken, level and rolling.
Soil, on broken land, rocky, 3rd rate; on bottom land, sandy loam, 1st rate; in river bed, coarse sand and gravel, 3rd rate.
Undergrowth, scattering greasewood, palo verde and ocotillo, over rolling and broken land.
Dense greasewood, mesquite and cottonwood, over level land.
No timber, except mesquite, willow and cottonwood along river.

From the true point for cor. of secs. 10, 11, 14 and 15, witnessed as hereinbefore described,
S. 89° 51' E., on a random line, bet. secs. 11 and 14.

40.00 Set temp. ¹/₄ sec. cor.

79.52 Intersect N. and S. line, 11 lks. N. of true pt. for cor. of secs. 11, 12, 13 and 14.

Thence,
N. 89° 46' W., on a true line, bet. secs. 11 and 14.

Over dry level river bed, thru scattering brush and timber.

4.60 Channel of Santa Maria river, water 40 lks. wide, 10 ins. deep, course SW.

10.50 Road brs. N. and S.

11.40 Same river channel, 5 chs. wide, course N. 75° W. Water in indefinite streams.

38.00 Same river channel, course S. 60° W.

39.76 Point for ¹/₄ sec. cor. falls on sand bar at right bank of river, where a corner would be very insecure. At a dist. 60 lks. N. of this point is a lava ledge 60 ft. high, bearing NE and SW.

42.00 Right or N. bank of river brs. N. 80° E. and S. 80° W. Leave river bed. Ascend.

44.01 Top of rocky point of spur, slopes SW. 20 ft. above river.
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground in a mound of earth and stone 4 ft. base, 14 ins. high for W.C. to ¹/₄ sec. cor., marked on brass cap,

S 11
----- WC
S 14
1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
Thence over rolling land, along N. side of river. Descend.

12 Completion of Subdivision of Township 11 North, Range 12 West.

Chains.

- 46.50 Wash, 30 lks. wide, course S.
- 71.10 Right bank, or north bank of Santa Maria river, bearing N. 80°W. and S. 80°E. Thence in dry level river bed.
- 71.15 Irrigation ditch, 3 lks. wide, course N. 80° W.
- 79.52 The true point for cor. of secs. 10, 11, 14 and 15.
Land, level river bed and rolling.
Soil, in river bed, coarse sand and gravel; 4th rate, in rolling land, rocky and scanty loam, 4th rate.
Undergrowth, willow and cottonwood in river bed; greasewood and cactus over remainder of mile.
Timber, scattering willow and cottonwood in river bed.

From the original cor. of secs. 2, 3, 10 and 11, which is an iron post 2 ins. diam. 12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general,

- S. 89° 46' E., on a random line, bet. secs. 2 and 11.
- 40.00 Set temp. 1/4 sec. cor.
- 79.82 Intersect N. and S. line, 15 lks. N. of the cor. of secs. 1, 2, 11 and 12.
Thence,
N. 89° 39' W., on a true line, bet. secs. 2 and 11.
Over mountainous land, thru scattering brush.
Descend 40 ft. to
- 4.10 Wash, 10 lks. wide, course S. 15° E.
Ascend 150 ft.
- 18.20 Ridge, brs. NE. and SW.
Descend 110 ft.
- 27.50 Wash, 20 lks. wide, course S.
Ascend 100 ft.
- 36.40 Spur slopes S. 20° W. Descend on W. slope, 80 ft. to
- 39.91 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

S 2

S 11
1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. Descend 75 ft. to

- 43.40 Wash, 20 wide, course S. 20° W.
Ascend 60 ft.
- 55.00 Ridge, brs. N. 30° E. and S. 30° W. Descend 150 ft. to cor.
- 56.50 Wash, 30 lks. wide, course S. 60° W.
- 79.82 The original cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, rocky, with scarcely any loam, of no apparent value.
Undergrowth, scattering greasewood, palo verde and cacti.
No timber.

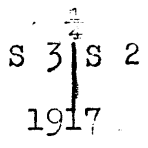
L.E.W.

H.P.
North, on random line, bet. secs. 2 and 3.

- 40.00 Set temp. 1/4 sec. cor.
- 69.93 Intersect N. bdy. of Tp., 43 lks. E. of cor. of secs. 2, 3, 34 and 35, described in Book "A."
Thence,
S. 0° 21' E., on a true line, bet. secs. 2 and 3.
Over rolling and mountainous land, thru scattering brush.
Descend SW. slope.
- 14.23 Wash, 120 lks. wide, course W. Ascend 115 ft.
- 24.13 Ridge, brs. N. 40° E. and S. 40° W. Descend 80 ft. to
- 29.93 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

Completion of Subdivision of Township 11 North, Range 12 West. 13

Chains.



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Descend 30 ft.

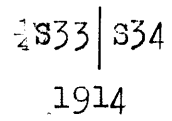
- 37.03 Wash, 20 lks. wide, course SW.
- 41.35 Wash, 100 lks. wide, course S 60° W. Descend 30 ft.
- 46.53 Wash, 40 lks. wide, course W. Ascend 50 ft.
- 53.00 Top of ascent, brs. NE. and SW. Descend 60 ft.
- 61.65 Wash, 25 lks. wide, course SW. Ascend 20 ft.
- 65.40 Top of ascent brs. NE. and SW. Descend 26 ft.
- 66.73 Wash, 50 lks. wide, course SW. Ascend 25 ft.
- 69.93 The original cor. of secs. 2, 3, 10 and 11.

Land, rolling and mountainous.
Soil, rocky, 4th rate.
Undergrowth, scattering palo verde, greasewood and cactus.
No timber.

H. P.

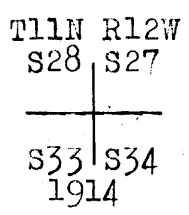
From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of Tp., described in Book "A,"
N. 0° 2' W., bet. secs. 33 and 34.

- 20.00 Over slightly rolling mesa, thru scattering brush. A road brs. N. 80° W. and S. 80° E. Extends NW. to Alamo and S. to Wenden.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

- 42.50 Wash, 15 lks. wide, course N. 50° W.
- 66.60 A road brs. N. 70° W. and S. 70° E., extends NW. to Alamo, and S. to Wenden.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap,



Dig pits 18x18x12 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, slightly rolling mesa.
Soil, sandy loam, 2nd rate.
Undergrowth, scattering greasewood and palo verde and cactus.
No timber.

- 40.00 East, on a random line, bet. secs. 27 and 34. Set temp. 1/4 sec. cor.
- 80.04 Intersect N. and S. line, 6 lks. N. of the cor. of secs. 26, 27, 34 and 35.

- Thence,
N. 89° 57' W. on a true line, bet. secs. 27 and 34.
Over level mesa, thru scattering brush.
- 29.40 Wash, 10 lks. wide, course N. 30° W.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in

14. Completion of Subdivision of Township 11 North, Range 12 West.

Chains.

the ground for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 27S 34
1914Dig pits 18x18x12 ins., E.and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.

43.30 Wash, 10 lks.wide, course N.30°W.

80.04 The cor.of secs.27,28, 33 and 34.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, scattering greasewood and palo verde and catclaw.

No timber.

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

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

79.90 Intersect N.and S. line, 13 lks.S.of the original cor.of secs.28,29,32 and 33, which is an iron post 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence,

S.89°54'E., on a true line, bet. secs.28 and 33.

Over nearly level land, thru.scattering brush. Descending from mesa.

34.10 Road brs.N.30°W. and S.20°E. Extends NW. to Alamo and S. to Wenden.

39.20 Road brs.N.80°E. and S.80°W.

39.95 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 28S 33
1914Dig pits 18x18x12 ins., E.and W.of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.

This cor.is 10 lks.S. of last noted road.

47.00 Wash, 15 lks.wide, course N.60°W.

79.90 The cor.of secs.27,28,33 and 34.

Land, nearly level.

Soil, sandy loam, 2nd rate.

Undergrowth, scattering greasewood, palo verde and catclaw.

No timber.

N.0°2' W., bet. secs.27 and 28/

Over slightly rolling land, thru.scattering brush. Descending from mesa.

18.30 Road brs.NE. and SW.

23.90 Old road brs.NE. and SW.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S28 | S27

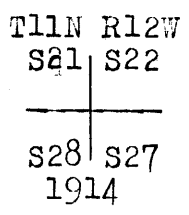
1914

Dig pits 18x18x12 ins., N.and S. of post 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Completion of Subdivision of Township 11 N., R. 12 W. 15

Chains

- 45.00 Wash, 10 lks.wide, course N. 65°W.
- 65.50 Wash, 15 lks.wide, course S. 20° W.
- 75.60 Same wash, course S 15°E.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 21,22,27 and 28, marked on brass cap,



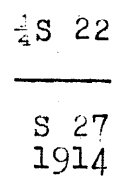
and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

Land,rolling.
Soil,sandy and rocky, 3rd rate.
No timber
Undergrowth, scattering greasewood, palo verde and cacti.

- 40.00 S 89°57'E., on a random line, bet. secs.22 and 27. Set temp. 1/4 sec.cor.
- 80.03 Intersect the true point for cor.of secs.22,23,26 and 27, in wash.

Thence,
N.89°57'W., on a true line, bet. secs.22 and 27.
Over heavily rolling land,thru.scattering brush and cacti.
Ascend.

- 15.00 Top of ascent, brs.N.and S.; descend.
- 16.40 Road brs.N.and S.
- 39.60 Wash, 15 lks.wide, course S. 15° E. Ascend.
- 40.01 1/2 Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in the ground for 1/2 sec.cor., marked on brass cap,



and raise a mound of stone 3 ft.base, 2 ft.high,N.of cor.

Descend.
49.70 Wash, 10 lks.wide, course S.30°E. Ascend 30ft.
50.70 Trail brs. N.65°W. and S. 65°E.
58.00 Spur, slopes S. from butte, near center of sec.22
66.70 Wash,10 lks.wide, course S. 15° E. Ascend 60 ft.
73.00 Spur, slopes S. from butte near center of sec.22. Descend 57 ft.

- 80.03 The cor.of secs.21,22,27 and 28.
Land, heavily rolling.
Soil, rocky with scanty loam, 4th rate.
Undergrowth, scattering greasewood, palo verde and cacti.
No timber.

- 40.00 N.89°54'W.on a random line, bet. secs.21 and 28. Set temp. 1/4 sec.cor.
- 79.92 Intersect the original cor. of secs. 20,21,28 and 29,which is an iron post 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.

Thence,
S.89° 54' E., on a true line, bet. secs.21 and 28.
Over rolling land, thru.scattering brush. Ascending over general S. slope.

- 3.10 Wash, 10 lks.wide, course S.
- 39.90 Wash, 5 lks.wide, course S.15° W:

16. Completion of Subdivision of Township 11 North, Range 12 W.

Chains.

39.96 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 21

S 28
1914

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

58.85 Wash, course S. 20° E.

63.00 Wash, course S.

74.80 Wash, 6 lks. wide, course S. 15° E.

78.85 Wash, course S. 10° E.

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

Land, rolling.

Soil, rocky and gravelly, 4th rate.

Undergrowth, scattering greasewood, palo verde and cacti.

No timber.

N. 0° 2' W., bet. secs. 21 and 22.

Over rolling and mountainous land, thru scattering brush and cacti.

Ascend on broken SW. slope, 75 ft. to $\frac{1}{4}$ sec. cor.

7.80 Trail, brs. S. 75° E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 22 ins. in the ground, in a mound of stone and earth 2 ft. base, 6 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 21 | S 22

1914

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Ascend 55 ft.

44.10 Ridge, brs. E. and W., slopes W. from butte near center of sec. 22.

Descend 180 ft. to

54.50 Wash, 10 lks. wide, course NW. Descend 30 ft. to

64.40 Wash, course N. 80° W. Ascend 30 ft.

69.20 Spur, slopes NW. Descend 30 ft. to cor.

79.45 Wash, course N. 30° W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap

T11N R12W
S16 | S15S 21 | S 22
1914

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, mountainous.

Soil, rocky with scanty loam, 4th rate.

Undergrowth, scattering greasewood, palo verde and cacti.

No timber.

N. 89° 57' E., on a random line, bet. secs. 15 and 22.

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

80.20 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence,

S. 89° 56' W., on a true line, bet. secs. 15 and 22.

Over rolling land, thru scattering brush.

Completion of Subdivision of Township 11 North, Range 12 West. 17

Chains.

- Descend N. slope, 40 ft. to
 23.50 Road brs. N. and S.
 35.40 Wash, 25 lks. wide, course N. Ascend 50 ft. to
 37.50 Spur, slopes N. Descend 8 ft. to
 40.10 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

 $\frac{1}{4}$ S 15S 22
1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of
 cor.

- Descend 40 ft. to
 44.10 Wash, 15 lks. wide, course N. 30° E.
 Ascend 75 ft.
 65.00 Spur, slopes N. from butte, near center of sec. 22.
 Descend 40 ft. to
 80.20 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling.
 Soil, sandy loam and rocky, 3rd rate.
 Undergrowth, scattering greasewood, palo verde and cacti.
 No timber.

- N. 89° 54' W., on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 9 lks. S. of the original cor.
 of secs. 16, 17, 20 and 21, which is a 2" iron post, with
 brass cap, firmly set, marked and witnessed as de-
 scribed by the surveyor general.

Thence,

- S. 89° 50' E., on a true line, bet. secs. 16 and 21.
 Over rolling land; descending.
 10.00 Wash, 20 lks. wide, course NW.
 39.98 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

 $\frac{1}{4}$ S 16S 21
1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of
 cor.

- 69.90 Trail, brs. NE. and SW.
 79.70 Wash, 10 lks. wide, course N. 30° W.
 79.96 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling.
 The soil has been washed from the surface, leaving the
 bare rock exposed, over nearly the whole of this mile.
 Undergrowth, few bunches of greasewood, palo verde and
 ocotillo.
 No timber.

- N. 0° 2' W., on a random line, bet. secs. 15 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.47 Intersect E. and W. line, 47 lks. west of the true point
 for cor. of secs. 9, 10, 15 and 16, 10.00 chs. N. 0° 2' W. by
 an iron post 2 ins. in diam., 12 ins. above ground,
 firmly set, marked and witnessed as described by the
 surveyor general.

Thence,

S. 0° 18' W., on a true line, bet. secs. 15 and 16.
 Over dry bed of Santa Maria river, thru scattering tim-
 ber and brush.

18. Completion of Subdivision of Township 11 N., R. 12 W.

Chains.

- 8.50 Channel of Santa Maria river, water 1.00 ch. wide, 6 ins. deep, course N. 80°W. Continue over dry river bed.
- 9.00 Left or south bank of river brs. N. 80°W. and S. 80°E. Leave river bed, enter level bottom land.
- 14.40 Irrigatoon ditch, 3 lks. wide, course N. 70°W. Enter dense mesquite brush, bearing E and W.
- 16.00 Peter Silk's house brs. east about 12 chs. dist.
- 19.00 SW. cor. of Peter Silk's clearing of about 5 acres, brs. east 1.50 chs. dist. Leave bottom land and mesquite brush, bearing E. and W. Enter scattering greasewood, palo verde and catclaw. Ascend over rolling land.
- 31.10 Wash, 20 lks. wide, course N. 30° W. Ascend 65 ft. to
- 36.00 Ridge, descends N. 30° E.
- 40.23² 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 16 | S 15

1914

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 65 ft. to

- 42.80 Spur slopes NW. Descend gradually on SW. slope, 40 ft. to
- 62.80 Wash, 5 lks. wide, course S. 60°W. Ascend.
- 62.90 Trail brs. N. 65°E. and S. 60°W.
- 80.47 The cor. of secs. 15, 16, 21 and 22. Land, level and rolling. Soil, in rolling land, rocky and coarse, 3rd rate; in bottom land; sandy loam, 1st rate in river bed, of no value. Undergrowth, scattering greasewood, palo verde and catclaw over rolling land; dense mesquite and cottonwood in river bed and bottom. No timber on remainder of mile.

H.P:

From the original cor. of secs. 3, 4, 9, and 10, a 2 in. iron post with brass cap, firmly set, marked and witnessed as described by the surveyor general, North, on random line, bet. secs. 3 and 4.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 69.87 Intersect N. bdy. of Tp., 32 lks. E. of the cor. of secs. 3, 4, 33 and 34, described in Book "A." Thence S. 0°16' E., on a true line, bet. secs. 3 and 4. Over rolling land, thru scattering brush. Descend gradually over SW. slope.
- 1.70 Wash, 20 lks. wide, course SW. Continue descent.
- 18.07 Wash, 15 lks. wide, course SW., 75 ft. below sec. cor. Ascend 60 ft.
- 22.85 Spur, slopes SW. Descend 57 ft. to
- 29.87 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 4 | S 3

1917

and raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.) Impracticable to raise the mound to the W. Descend 15 ft.

- 31.50 Foot of descent, brs. E and W. Ascend 30 ft.
- 36.67 Spur slopes SW. from N. 10° E. Descend 30 ft.
- 38.57 Right or north bank of wash, brs. N. 60° E. and S. 60° W. Thence across bed of wash, course S. 60° W.

Completion of Subdivision of Township 11 North, Range 12 West. 19

Chains.
 46.65 Left or south bank of wash, brs. N.70°E. and S.70°W. Leave wash, and descend gradually over rolling SW. slope.
 59.70 Wash, 25 lks. wide, course W.
 69.87 The original cor. of secs. 3, 4, 9 and 10, about 20 ft. below sec. cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 Undergrowth, scattering palo verde, greasewood and cactus.
 No timber.

 From original cor. of secs. 4, 5, 8 and 9, a 2 in. iron post, with brass cap, firmly set, marked and witnessed, as described by the surveyor general, North, on a random line, bet. secs. 4 and 5.

40.00 Set temp. sec. cor.
 69.93 Intersect N. bdy. of Tp., 20 lks. E. of cor. of secs. 4, 5, 32 and 33, described in Book "A."
 Thence, S. 0°10'E., on a true line, bet. secs. 4 and 5.
 Over level land, adjacent and parallel to the Big Sandy river, which is about 5 chs. E. of line. Descend gradually in level river bottom, thru dense brush.
 14.95 Edge of river bottom, brs. NW. and SE. Leave river bottom. Ascend 130 ft., over mountainous land.
 24.23 Top of ascent; thence along broken E. slope.
 29.93 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, supported by a mound of stone, for sec. cor., marked on brass cap,

S 5 | S 4

1917

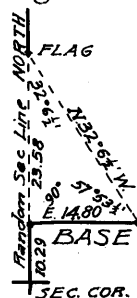
and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Descend 80 ft.
 39.75 Gulch, course E. Ascend 80 ft.
 40.63 Rocky point of spur, sloping SE. Descend 150 ft.
 59.13 Wash, 100 lks. wide, course SE. Ascend 45 ft.
 62.50 Spur, slopes SE. Descend 45 ft.
 66.80 Wash, 80 lks. wide, course SE. Ascend 25 ft.
 69.93 The original cor. of secs. 4, 5, 8 and 9.
 Land, level and mountainous.
 Soil, in river bottom, gravelly, 2nd rate; remainder rocky, 4th rate.
 Undergrowth, dense cottonwood and arrowweed in river bottom, and scattering palo verde; greasewood and cactus over the remainder.
 No timber, except scattering cottonwood along river bottom.

 From original cor. of secs. 5, 6, 7 and 8, a 2 in. iron post with brass cap, firmly set, marked and witnessed as described by the surveyor general, North, on a random line, bet. secs. 5 and 6.

10.29 At this point, encounter deep canyon, course W., over which chain measurement is impracticable; therefore, triangulate as follows:

Lay off a base east, 14.80 chs.
 Set flag on random line on N. side of canyon.
 From E. end of base, flag brs. N. 32°6 1/4' W.
 Included angles are 57°53 1/2', 90°00' and 32°6 1/4', the sum of which is 180°00'; therefore, dist. on random line from W. end of base to flag is obtained by



20. Completion of Subdivision of Township 11 N., R. 12 W.

Chains.

- cotang. $32^{\circ}6\frac{1}{2}'$ x base or $1.59362 \times 14.80 = 23^{\circ}58'$ chs., which added to 10229 chs. =
- 33.87 Flag point from which continue line and measurement by chaining
 - 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 70.37 Intersect N. bdy. of Tp., 20 lks. E. of cor. of secs. 5, 6, 31 and 32, described in Book "A."
- Thence,
 $S. 0^{\circ}10' E.$, on a true line, bet. secs. 5 and 6.
 Over mountainous land, thru scattering brush. Ascend 350 ft. over N. slope, broken by cliffs.
- 16.56 Main ridge, brs. E and W. Descend 230 ft., over rocky S. slope.
 - 26.50 Head of wash, course SW. Ascend 85 ft. to
 - 30.37 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 s 6 | s 5

1917

- and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
- 36.50 Ascend 75 ft., over rocky N. slope. N. rim of rim of canyon, brs. E. and W. Flag point of triangulation hereinbefore described; thence across canyon, measured by said triangulation.
 - 47.50 (Approximately) center of canyon, course W., about 100 ft. deep.
 - 60.08 Rocky spur, slopes W. forming S. rim of canyon. Triangulation point of triangulation hereinbefore described. Thence descend 95 ft., over SW. slope, measuring by chain.
 - 70.37 The original cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, rocky, 4th rate. Undergrowth, scattering palo verde, greasewood and cactus. No timber.

H. P.

L.E.W.

GENERAL DESCRIPTION

The portion of this Tp. subdivided by me consists of level and rolling mesa, level bottom land, and rolling and mountainous land. The mesa land is situated in the southern part of my survey, embracing a large area between the "Bullard Wash" and the "Date Creek" wash, or "Date Creek." Another level and rolling mesa is situated in the eastern part between "Date Creek" and the "Santa Maria" river. The level bottom land is situated along the water courses mentioned. The largest of these water courses is the Santa Maria river, course westerly, thru the northern part of my survey, and carries a flow of permanent water. "Date Creek," course northwesterly thru the eastern part, is a dry channel, "Bullard Wash" crossing northwesterly thru the SW. $\frac{1}{4}$ of sec. 33, is also a dry channel, and is composed of a series of small parallel washes. The mountainous land is situated N. of the Santa Maria river, and also in sec. 22, where a high butte is located near the center of the section. The soil is 1st and 2nd rate in the level bottom land, ranging from a rich sandy loam to coarse and gravelly. The rolling land and mesas have a sandy and gravelly soil, 2nd and 3rd rate. In the river bed and on the mountainous land, the soil is rocky, 4th rate. A scattering growth of cottonwood, mesquite and willow along the main water-courses, is the only timber in the township. The undergrowth consisting of greasewood, palo verde and cactus

is for the most part scattering, altho. at many points the growth is dense. Two settlers are located in the portion of township surveyed by me, namely: D. F. Chisholm, with house, fences, ditches, etc. in the Santa Maria river bottom at the mouth of Date Creek in sec. 14, and Peter Silk with similar improvements, in same river bottom in the N. 1/4 of sec. 15. Roads from the southern part of the township lead to Wenden, situated about 35 miles south, and to Congress Junction, situated about 40 miles east.

No mineral indications were observed, and no improvements except those of the settlers mentioned.

L.E.W.

H.P.

The survey of the north tier of sections by me completes the survey of all the subdivisions: lines of this township. This portion of the township lies north of the Santa Maria and Bill. Williams rivers, and is traversed by the Big Sandy river, course S. near line bet. secs. 4 and 5.. The surface of secs. 5 and 6 is extremely rough, being part of mountains known as Artillery Mountains. The surface of secs. 1, 2, 3 and 4 is rolling and mountainous. The soil, with the exception of a narrow strip of sandy, 2nd rate, along the Big Sandy River, is all rocky, 3rd and 4th rate, and of very little value. There is no timber, except scattering cottonwood and willow along the Big Sandy. Undergrowth of greasewood, palo verde, catclaw and cactus covers nearly all the surface. There is a scant growth of grass.

No evidence of mineral deposit was found. There is no permanent running water. An abandoned cabin in sec. 4 constitutes the only improvement. This portion of the township has no present value for cultivation, and very little value for grazing purposes.

H. P.

Book "K"

Group 36 --- Arizona

Township 11 North, Range 12 West

~ DATE DIAGRAM ~

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

6-2764

Lines dated in black were executed by L. E. Wilkes,
U. S. Surveyor.

Lines dated in blue were executed by Hugo Price,
U. S. Transitman.

Lines dated in yellow were executed by James C. Hooper,
U. S. Transitman.

Accepted surveys.

For list of field assistants see Book 'A'.

FOR CERTIFICATES OF UNITED STATES SURVEYOR, and UNITED STATES TRANSITMAN see book "C."

I, A. Parker Warner, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 50, Arizona, bearing date of the 30th 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

TOWNSHIP 20 NORTH, RANGE 12 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 50, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

A. Parker Warner, U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,


Phoenix, Ariz. Jan. 20, 1918

The foregoing field notes of the survey of the
Subdivision lines of

Township 11 North, Range 12 West.

of the Gila and Salt River and Meridian, in the State of Arizona.

executed by L.E. Wilkes, U.S. Surveyor and Hugo Price, U.S. Transitman under ~~his~~ special instructions dated July 23, 1914 for Group 36, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


 U. S. Surveyor General.

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

~~U. S. Surveyor General.~~