

3430

Book "D"

4-679

BOOK 3430

FIELD NOTES

OF THE RETRACEMENT OF THE

FEB 15 192
MAR 1 192

South half of the West bdy. of Township 9 South, Range 13 East,

and of the RESURVEY of the

North half of the West bdy. of Township 9 South, Range 13 East,

and of the SURVEY of the

North boundary and

Subdivision lines of

TOWNSHIP 9 SOUTH, RANGE 12 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William H. Thorn, U.S. Cadastral Engineer

and

Horace M. Muscott, U.S. Transitman

~~In the capacity of U. S. Surveyors~~

~~Transitman, respectively,~~ under Special Instructions dated February 6., 1918,

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

No. 81, which were approved by the Commissioner of the General Land

Office, February 27., 1918, and Assignment Instructions dated December 18., 1918.

Retracement,
Resurvey & Survey commenced February 19., 1919.

Retracement,
Resurvey & Survey completed April 4., 1919.

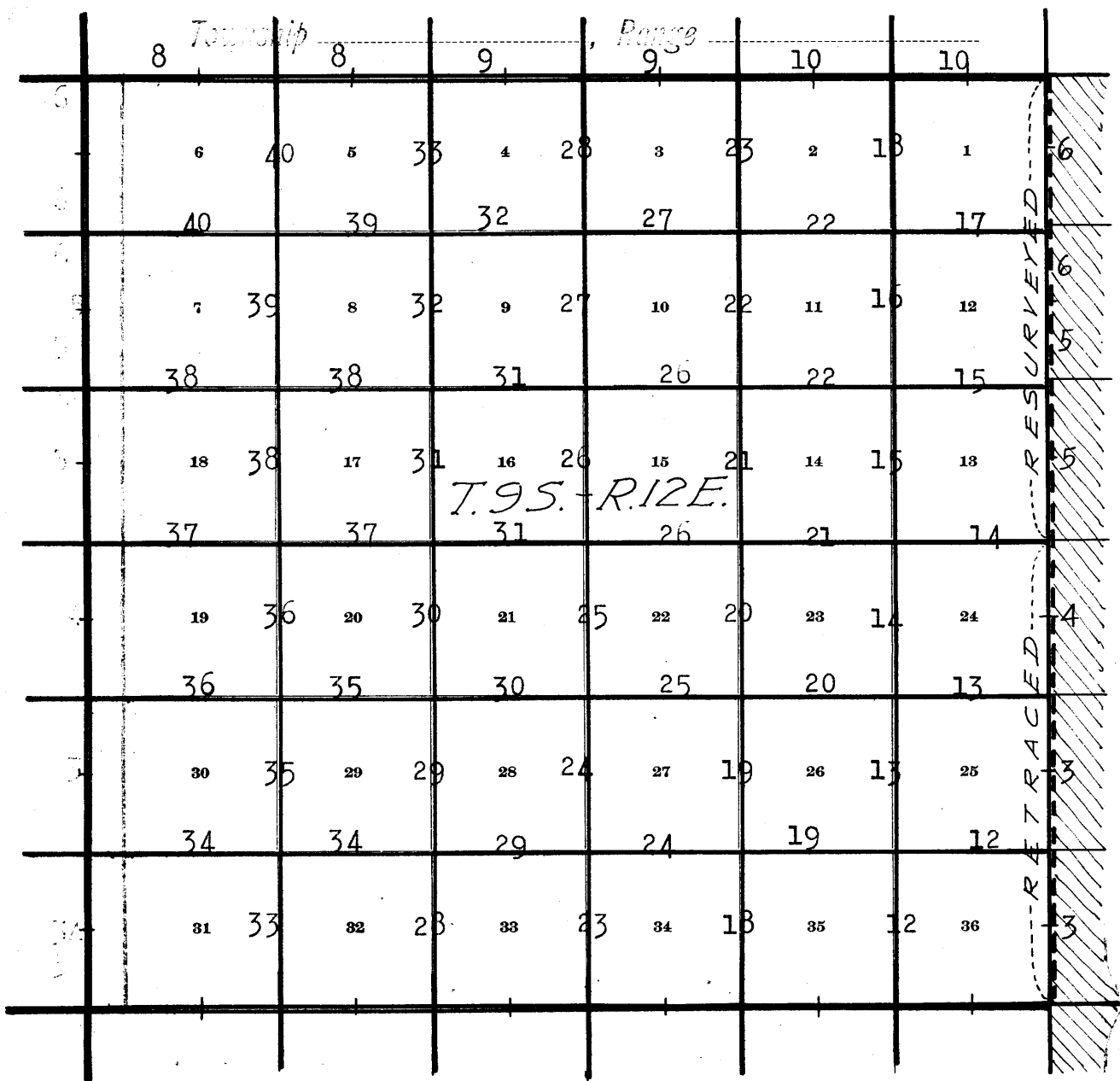
3430



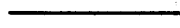

2A

Book "D"
Group 81 - - Arizona.

BOOK 3430

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines retraced or resurveyed under this group.
-  Accepted surveys.
-  Areas surveyed as per accepted plats on file.

BOOK 3430

Book "D"

Group 81 - - - Arizona.

BOOK 6430

4-679 b

DATE DIAGRAM.

Township 9 South, Range 12 East

	3-26-19	3-26-19	3-26-19	3-26-19	3-28-19	3-28-19	
For dates of execution of the survey of this line see book "C"	6 3-26-19	5 4-4-19	4 4-3-19	3 4-2-19	2 4-1-19	1 3-31-19	REFURVED 3-28-19
	7 3-26-19	8 4-3-19	9 4-2-19	10 4-1-19	11 3-31-19	12 3-31-19	
	18 2-28-19	17 2-28-19	16 2-28-19	15 3-29-19	14 3-29-19	13 3-28-19	
	19 2-28-19	20 2-26-19	21 2-26-19	22 2-27-19	23 2-21-19	24 2-21-19	
	30 2-21-19	29 2-25-19	28 2-25-19	27 2-22-19	26 2-20-19	25 2-20-19	
	31 2-21-19	32 2-25-19	33 2-22-19	34 2-20-19	35 2-19-19	36 2-19-19	
	<i>For dates of execution of the survey of this line see book "A."</i>						6-1817

Black lines on above diagram indicate surveys executed by William H. Thorn, U. S. Cadastral Engineer on dates shown thereon.

Red lines on above diagram indicate surveys executed by Horace M. Muscott, U.S. Transitman, on dates shown thereon.

Resurvey and survey hereinafter described executed by William H. Thorn, U. S. Cadastral Engineer and Horace M. Muscott, U. S. Transitman, on dates shown on diagram on page 1 hereof, using respectively Young and Sons' light mountain transits Nos. 8592 and 8248, described with certificate of approval by the Assistant Supervisor of Surveys, in Book "A".

Test of Instrument No. 8592.

I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris at elongation, I proceed as follows:

March 22, 1919. At our camp in sec. 14, T. 10 S., R. 11 E., G. and S. R. B. & M., in lat. $32^{\circ}33'N.$, long. $111^{\circ}10\frac{1}{2}'W.$, at 7h 29.6m. p.m., l.m.t., by my watch, which is set to correct local mean time, I observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack in a stake, 5 chs. N. of my station.

March 23, 1919: I lay off the azimuth of Polaris, $1^{\circ}20'$ to the east, and mark the meridian thus determined by a tack in a stake driven firmly in the ground, 5 chs. N. of my station.

At 9 hrs. 0 m., a.m., l.m.t., I set off $32^{\circ}33'N.$ on the lat. arc; $0^{\circ}48\frac{1}{2}'N.$ on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $0^{\circ}51'N.$, which agrees with the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arc unchanged, I set off $0^{\circ}54\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Test of Instrument No. 8248.

I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris at elongation, I proceed as follows:

Feb. 7, 1919: At our camp in sec. 9, T. 10 S., R. 12 E., G. and S. R. B. & M., in lat. $32^{\circ}34\frac{1}{2}'N.$, long. $111^{\circ}6'W.$, at 10 hrs. 19.1m., p.m., l.m.t., I observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack in a stake, 5 chs. N. of my station.

Feb. 8, 1919: At 9 hrs. 0 m., a.m., l.m.t., lay off azimuth Polaris, $1^{\circ}19\frac{1}{2}'$ east, and set off $32^{\circ}34\frac{1}{2}'N.$ on lat. arc; $15^{\circ}8\frac{1}{2}'S.$ on decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $15^{\circ}6\frac{1}{2}'N.$, which agrees with the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arc unchanged, I set off $15^{\circ}4'S.$ on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Retracement of S. half of West bdy. of Township 9 South, Range 13 East. 3

Chains.

	The west bdy. of T. 9 S., R. 13 E., was surveyed in 1913, by William H. Elliott, U.S. Surveyor, and the cors. hereinafter described as found on said line are those established in said original survey.
	From the original cor. of Ts. 9 and 10 S., Rs. 12 and 13 E., described in Book "A,"
	North, on random line, bet. secs. 31 and 36 (S. $\frac{1}{2}$).
	Over rolling land, thru. scattering undergrowth. Along wire fence.
11.50	Wash, 10 lks. wide, 1 ft. deep, course NW.
26.80	Wash, 50 lks. wide, 2 ft. deep, course NW.
31.00	Road brs. S. 70° W. and E.
31.70	Wash, 20 lks. wide, 1 ft. deep, course NW.
35.00	Wire fence turns from S. to N. 40° E.
40.07	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is an iron post, 1 in. in diam., 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by mound of stone, W. of cor. No bearing trees.
	True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 31 and 36 are therefore North, 40.07 chs.
	Thence,
	North, on random line, bet. secs. 31 and 36 (N. $\frac{1}{2}$),
	Over rolling land, thru. scattering undergrowth.
4.00	Wash, 30 lks. wide, 2 ft. deep, course N. 70° W.
24.30	Wash, 20 lks. wide, 1 ft. deep, course N. 60° W.
40.03	Intersect the original cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 4 pits, one in each sec., and mound of earth, W. of cor. No bearing trees. This cor. is under wire fence bearing E. and W.
	True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 31 and 36 are therefore North, 40.03 chs.
	Land, rolling.
	Soil, gravelly, 3rd rate.
	Undergrowth, scattering mesquite, greasewood and cacti.
	No timber. Fair grass.

	North, on random line, bet. secs. 25 and 30 (S. $\frac{1}{2}$).
	Over rolling land, thru. scattering undergrowth.
13.00	Drain, course N. 30° E.
17.20	Drain, course N. 70° E.
27.40	Wash, 20 lks. wide, 3 ft. deep, course N. 30° W.
35.00	Road brs. S. 40° E. and N. 30° W. Wire fence brs. S. 40° E. and N.
	Thence along fence.
39.40	Wash, 60 lks. wide, 2 ft. deep, course N. 30° W.
40.07	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is an iron post, 1 in. in diam., 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees. This cor. is under wire fence, bearing N. and S.
	True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 25 and 30 are therefore North, 40.07 chs.
	Thence,
	North, on random line, bet. secs. 25 and 30 (N. $\frac{1}{2}$).
	Over rolling land, thru. scattering undergrowth and timber; along wire fence.
15.07	Wash, 40 lks. wide, 2 ft. deep, course W.
19.05	Wash, 30 lks. wide, 2 ft. deep, course N. 70° W.
40.06	Intersect the original cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four bearing trees properly marked, one in each sec. This cor. is under wire fence, bearing N. and S.
	True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 25 and 30 are therefore North, 40.06 chs.
	Land, rolling.
	Soil, gravelly, 3rd rate.
	Undergrowth, scattering mesquite, greasewood, palo verde and cacti.
	Timber, scattering mesquite and palo verde; fair grass.

4 Retracement of South half of W.bdy. of T.9 S., R. 13 E.

Chains.

North, on random line, bet. secs. 19 and 24 (S. $\frac{1}{2}$).
 Over rolling land, thru. scattering undergrowth, along wire fence.

2.90 Wash, 50 lks. wide, 2 ft. deep, course N. 60° W.
 7.15 Road brs. W. and N. 60° E.
 17.00 Wash, 10 lks. wide, 1 ft. deep, course N. 80° W.
 23.60 Wash, 10 lks. wide, 1 ft. deep, course N. 80° W.
 37.70 Wash, 10 lks. wide, 1 ft. deep, course N. 80° W.
 40.06 Fall 1 lk. W. of original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is an iron post, lin. in diam., 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two bearing trees, properly marked, one each SE. and SW. of cor. This cor. is under wire fence, bearing N. and S.

True course and dist. of south $\frac{1}{2}$ of line bet. secs. 19 and 24 are therefore N. 0° 1' E., 40.06 chs.
 Thence,
 North, on random line, bet. secs. 19 and 24 (N. $\frac{1}{2}$).
 Over rolling land, thru. scattering undergrowth and timber, along wire fence.

4.36 Wash, 60 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.
 15.05 Drain, course W.
 23.65 Wash, 20 lks. wide, 2 ft. deep, course W.
 38.55 Wash, 10 lks. wide, 1 ft. deep, course S. 80° W.
 40.08 Fall 1 lk. W. of the original cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 4 bearing trees, properly marked, one in each sec. This cor. is under wire fence, bearing N. and S.

True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 19 and 24 are therefore N. 0° 1' E., 40.08 chs.
 Land, rolling.
 Soil, gravelly, 3rd rate.
 Undergrowth, scattering greasewood, catclaw and cacti.
 Timber, scattering mesquite and palo verde.
 Fair grass.

Resurvey of North half of West bdy. of Township 9 South, Range 13 S.

Chains. From the original cor. of secs. 13, 18, 19 and 24, hereinbefore described,
 North, on random line, on W. bdy. of sec. 18 (S. $\frac{1}{2}$).
 Over rolling land, thru. scattering undergrowth and timber, along wire fence.

1.30 Wash, 25 lks. wide, 2 ft. deep, course N. 80° W.; ascend 29 ft., over W. slope, to

9.97 Leave fence which turns to NE. at this point. Ascend 82 ft. over S. slope, to

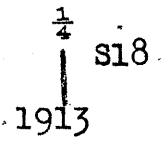
16.36 Ascend 28 ft., over SE. slope.

21.35 Top of ascent on E. side of knoll, 200 ft. high, the top of which brs. W. 3.00 chs. dist. The top of another knoll brs. E. about 10 chs. dist. Descend 83 ft., over NE. slope to

29.45 Ascend 77 ft., over SE. slope.

36.52 Top of ascent on E. side of knoll, 200 ft. high, the top of which brs. W. 7.00 chs. dist. Descend 45 ft. over NE. slope, to

40.11 Fall 1 lk. west of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is an iron post, 1 in. in diam., 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by mound of stone, W. of cor. No bearing trees. Change this cor. to $\frac{1}{4}$ sec. cor. of sec. 18 only by changing markings on brass cap, to read



and move mound of stone from W. to E. of cor. True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 18 are therefore N. 0° 1' E., 40.11 chs.

Thence,
 North, on random line, on W. bdy. of sec. 18 (N. $\frac{1}{2}$).
 Over rolling land, thru. scattering undergrowth and timber; descend 25 ft., over NE. slope.

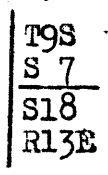
2.34 Wash, 30 lks. wide, 2 ft. deep, course N. 70° W.; thence over rolling W. slope.

10.00 Fence brs. SE. and N.; thence along fence.

16.50 Wash, 10 lks. wide, 3 ft. deep, course N. 70° W.

25.90 Wash, 20 lks. wide, 2 ft. deep, course N. 70° W.

40.10 (80.21 chs. northing from cor. of secs. 13, 18, 19 and 24), fall 4 lks. W. of original cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees. Change this sec. cor. to refer to secs. 7 and 18 only, by changing markings on brass cap, to read



1913

and move the mound of stone from W. to E. of cor. Cor. is under wire fence, bearing N. and S. True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 18 are therefore N. 0° 3' E., 40.10 chs.

Land, rolling.
 Soil, gravelly, dry, 3rd rate.
 Timber, scattering mesquite, ironwood and palo verde.
 Undergrowth, scattering greasewood, catclaw and cacti.
 Fair grass.

North, on random line, on W. bdy. of sec. 7 (S. $\frac{1}{2}$).
 Over rolling and broken land, thru. scattering undergrowth, along fence brs. N. and S.

2.50 Wash, 50 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.

6 Resurvey of North $\frac{1}{4}$ of West bdy. of Township 9 South, Range 13 East.

Chains.

9.60 Wash, 70 lks. wide, 2 ft. deep, course W.
 15.00 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
 35.65 Phoenix-Tucson Highway, brs. NW. and SE. Leave N. and S. fence.
 36.00 Four strand wire fence, brs. NW. and SE.
 40.06 Fall 2 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. in diam., 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two pits, one each N. and S. of cor., and a mound of earth W. of cor. No bearing trees. Change this cor. to $\frac{1}{4}$ sec. cor. of sec. 7 only by changing markings on brass cap, to read

$\frac{1}{4}$
 |
 S 7
 1913

and move the mound of earth from W. to E. of cor. True course and dist. of S. $\frac{1}{4}$ of W. bdy. of sec. 7 are therefore N. 0° 2' E., 40.06 chs.

Thence,

North, on random line, on W. bdy. of sec. 7 (N. $\frac{1}{2}$).
 Over broken rolling land, thru scattering undergrowth.
 7.05 Wash, 200 lks. wide, 2 ft. deep, course N. 80° W.
 15.20 Wash, 150 lks. wide, 2 ft. deep, course W.
 25.05 Wash, 20 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.

36.25 Old dim road, brs. E. and W.
 40.04 (80.10 chs. northing from cor. of secs. 7 and 18), Fall 2 lks. W. of original cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees.

Change this sec. cor. to refer to secs. 6 and 7 only, by changing markings on brass cap, to read

T9S.
 |
 S 6.
 |
 S 7
 R13E
 1913

and move the mound of stone from W. to E. of cor. True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 7 are therefore N. 0° 2' E., 40.04 chs.

Land, broken and rolling.
 Soil, gravelly, dry, 3rd rate,
 Undergrowth, scattering scrub mesquite, palo verde, greasewood, cacti and catelaw.
 No timber. Fair grass.

North, on random line, on W. bdy. of sec. 6 (S. $\frac{1}{2}$).
 Over rolling, broken land, thru dense undergrowth.

1.20 Wash, 15 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.
 10.00 Old road brs. N. 70° W. and S. 70° E.
 39.61 Fall 8 lks. W. of original witness cor. to $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees. Change this witness cor. to refer to point for $\frac{1}{4}$ sec. cor. of sec. 6 only, by changing markings on brass cap, to read

W C
 |
 $\frac{1}{4}$
 |
 S, 6
 1913

and move mound of stone from W. to E. of cor.

40.11 Fall 8 lks. W. of original true point for $\frac{1}{4}$ sec. cor. of secs. 1 and 6 in wash, 30 lks. wide, 2 ft. deep, course N. 80° W. This point is now point for $\frac{1}{4}$ sec. cor. of sec. 6 only. True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 6 are therefore N. 0° 7' E., 40.11 chs.

Thence, North on random line, on W. bdy. of sec. 6 (N. $\frac{1}{2}$).
 Over rolling land, thru scattering timber and undergrowth.

14.91 Wash, 30 lks. wide, 2 ft. deep, course W.
 30.10 Dim road brs. NE. and SW.
 40.05 Fall 1 lk. west of the original cor. of Ts. 8 and 9 S., Rs. 12 & 13 E., which is an iron post, 3 ins. in diam., 12 ins.

Resurvey of North half of West bdy. of T. 9 S., R. 13 E.

7

Chains.

above ground, firmly set, properly marked on brass cap and witnessed by four bearing trees, properly marked, one N. $11\frac{1}{2}^{\circ}$ E. 72 lks. dist., one S. $18\frac{1}{2}^{\circ}$ E., 60 lks. dist., one S. $73\frac{1}{2}^{\circ}$ W., 105 lks. dist., and one N. 55° W., 185 lks. dist.

True course and dist. of N. $\frac{1}{2}$ of W. bdy, of sec. 6 are therefore N. $0^{\circ}1'E.$, 40.05 chs.

Land, broken and rolling.

Soil, gravelly, 3rd rate.

Undergrowth, scattering scrub mesquite, greasewood and cacti.

Timber, scattering mesquite and palo verde.

Fair grass.



8 Survey of North bdy. of Township 9 South, Range 12 East.
 Shains.

From the original cor. of Ts. 8 and 9 S., Rs. 12 and 13 E., hereinbefore described, West, on random line, setting temp. $\frac{1}{4}$ sec. cor. and sec. cors. at intervals of 40.00 chs.; and at 498.13 chs., fall 88 lks. N. of the cor. of Ts. 8 and 9 S., Rs. 11 and 12 E., described in Book "C." The falling answers to a correction of 0°6' or 14 $\frac{1}{2}$ lks. S. per mile, counting from the NE. cor. of the Tp.

N. 89°54'E., on true line, bet. secs. 6 and 31. Over nearly level land, thru. scattering small timber and undergrowth.

11.60 Road brs. N. 30°E. and S. 30°W.

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

S 31
$\frac{1}{4}$
S 6
1919

98.13 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, and raise a mound of stone, 4 ft. base, 1 ft. high, around same, for cor. of secs. 5, 6, 31 and 32, with brass cap, marked

T8S R12E
S31 S32
S 6 S 5
T9S
1919

Dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. Land, nearly level. Soil, sandy clay, 2nd rate. Small timber, scattering palo verde and mesquite. Undergrowth, catclaw, greasewood and cholla, club and sahuaro cactus.

N. 89°54'E., on true line, bet. secs. 5 and 32. Over nearly level land, thru. scattering small timber and undergrowth.

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

S 32
$\frac{1}{4}$
S 5
1919

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Ascend 195 ft., over W. slope.

55.00 Top of hill, brs. N. and S.; descend 170 ft., over SE. slope.

76.00 Foot of hill; thence across level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap, marked,

T8S R12E
S32 S33
S 5 S 4
T9S
1919

from which,

A mesquite, 12 ins. in diam., brs. S. 48°E., 62 lks. dist., marked T9S R12E S4BT.

A palo verde, 24 ins. in diam., brs. S. 4°W., 53 lks. dist., marked T9S R12E S5BT.

Survey of North bdy. of Township 9 South, Range 12 East. 9

Chains.

No other trees available; raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, level, west half mile, and hilly, east half mile.
 Soil, level land, sandy clay, 3rd rate; hilly land, granite formation, 4th rate.
 Small timber; scattering palo verde, mesquite and ironwood.
 Undergrowth, catclaw, greasewood and cholla, club and sahuaro cactus.

N. 89° 54' E., on true line, bet. secs. 4 and 33.
 Over rolling land, thru. scattering small timber and brush.
 5.00 Wash, 100 lks. wide, 2 ft. deep, course S. 80° W.
 12.50 Wash, 80 lks. wide, 2 ft. deep, course N. 60° W.
 30.00 Wash, 20 lks. wide, 1 ft. deep, course N. 70° 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., with brass cap, marked

S 33
$\frac{1}{4}$
S 4
1919

55.00 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Bend of wash, 20 lks. wide, 1 ft. deep, from S. 87° E., course S. 80° W.
 63.70 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap, marked

T8S R12E
S33 S34
S 4 S 3
T9S
1919

Dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, sandy clay, 3rd rate.
 Small timber, scattering palo verde.
 Undergrowth, catclaw, sage brush and sahuaro cactus.

N. 89° 54' E., on true line, bet. secs. 3 and 34,
 Over rolling land, thru. very scattered small timber and scattering 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., with brass cap, marked

S 34
$\frac{1}{4}$
S 3
1919

80.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap, marked

T8S R12E
S34 S35
S 3 S 2
T9S
1919

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Sandy clay, 12 ins. deep, 2nd and 3rd rate.
 Small timber, scattering palo verde and mesquite.

10 Survey of North bdy. of Township 9 South, Range 12 East.

Chains.

Undergrowth, catclaw, greasewood, Indian wheat and sahuaro cholla and club cactus.

40.00 N. 89° 54' E., on true line, bet. secs. 2 and 35. Over gently rolling land, thru scattering small timber and undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4 S 35
S 2
1919

42.60 Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist. Phoenix-Tucson highway, hrs. N. 30° W. and S. 30° E. dist.

43.00 Wire fence parallel to highway.

64.30 Wash, 15 lks. wide, 1 ft. deep, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, and raise a mound of stone, 3 ft. base, 1 1/2 ft. high around same, for cor. of secs. 1, 2, 35 and 36, with brass cap, marked

T8S | R12E
S35 | S36
S 2 | S 1
T9S
1919

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, gently rolling. Soil, sandy clay and rocky granite formation, 3rd rate. Small timber, scattering palo verde and mesquite. Undergrowth, catclaw, greasewood and sahuaro and cholla cactus.

18.20 N. 89° 54' E., on true line, bet. secs. 1 and 36. Over gently rolling land, thru. very scattered small timber and scattering undergrowth.
40.00 A 4-wire fence, hrs. N. and S. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4 S 36
S 1
1919

80.00 Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist. The original cor. of Ts. 8 and 9 S., Rs. 12 and 13 E., here-inbefore described. Land, gently rolling. Soil, rocky, volcanic and limestone, and clay, very shallow, 6 to 8 ins. deep, 4th rate. Undergrowth, palo verde, mesquite, catclaw, greasewood, sage brush, and sahuaro and cholla cactus.

Boundaries of Township 9 South, Range 12 East.
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	498.70				498.70
West boundary,	North,	480.00	480.00			
North boundary,	N. 89°54'E.	498.13	.88		498.13	
East boundary,	S. 0°1'W.	40.05		40.05		.01
	S. 0°7'W.	40.11		40.11		.08
	S. 0°2'W.	80.10		80.10		.05
	S. 0°3'W.	40.10		40.10		.04
	S. 0°1'W.	120.25		120.25		.03
	South,	160.23		160.23		
Convergency,					.446	
<u>Totals.</u>			480.88	480.84	498.59	498.91
			480.84			498.50
<u>Error in latitude,</u>			.04			
<u>Error in departure,</u>					.32	

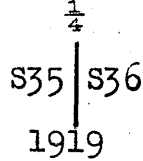
Survey of the Subdivision lines of Township 9 S., R.12 E.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, described in Book "A,"
N.0° 1' W., bet. secs. 35 and 36.
Over rolling land, thru. very scattered small timber and undergrowth.

17.60
39.40
40.00

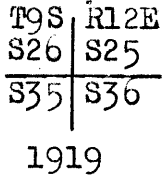
Wash, 20 lks. wide, 1 ft. deep, course W.
Wash, 20 lks. wide, 2 ft. deep, course S.70° W.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap,



Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. Ascend 45 ft., over S. slope.

52.59
63.98
76.71
80.00

Top of low hill, brs. N. and S.; thence along top.
Descend 50 ft., over N. slope of hill.
Wash, 120 lks. wide, 3 ft. deep, course N.70° W.
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, with brass cap, marked



Dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. Land, rolling.
Soil, rocky and gravelly, 4th rate.
Timber, small scattering palo verde.
Undergrowth, cholla cactus.

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

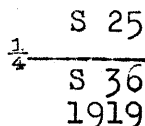
40.00
80.02

Set temp. $\frac{1}{4}$ sec. for.
Intersect the E. bdy. of the township, 18 lks. S. of the original cor. of secs. 25, 30, 31 and 36, hereinbefore described,

Thence,
S.89° 52' W., on true line, bet. secs. 25 and 36.
Over gently rolling land, thru. scattering small timber and undergrowth.

27.70
40.01

Along fence, bearing E. and W.
Drain, course SW.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



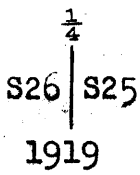
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
Drain, course SW.
Drain, course NW.
The cor. of secs. 25, 26, 35 and 36.
Land, rolling.
Soil, rocky, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, ocotilla and cholla cactus.

54.95
79.62
80.02

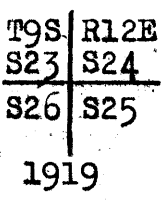
Survey of Subdivision lines of Township 9 South, Range 12 East. 13

Chains.

N.0°1'W., bet. secs. 25 and 26.
 Over rolling land, thru. scattering small timber and medium undergrowth.
 .50 Fence brs.E. and W. Drain course NW.
 32.52 Deep drain, course SW.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., on bed rock, and raise a mound of stone, 4 ft. base, 3 ft. high, around same for 1/4 sec.cor., with brass cap, marked

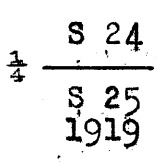


Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. From this cor., the bunk house of the Tortillita Mining Company brs.N.47°30'W.
 52.00 Road brs.E. and W.; ascend SE. slope, 95 ft.
 63.80 The NE. cor.of shaft, 600 ft.deep, of the Tortillita Mining Company, brs. S. 69° 13' W., 270 lks.dist.
 73.71 Top of hill; descend 30 ft. to sec. cor., over N. slope.
 80.00 Set an iron post 3 ft.long, 2 ins. in diam., on bed rock, and raise a mound of stone, 4 1/2 ft. base, 3 ft. high around same, for cor.of secs. 23, 24, 25 and 26, with brass cap, marked



Raise mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor. Land, rolling.
 Soil, rocky, granite formation, 4th rate.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, ocotilla, and cholla cactus.

N.89° 52' E., on random line, bet. secs.24 and 25.
 40.00 Set a temp. 1/4 sec.cor.
 80.04 Intersect the east bdy. of the Tp., 14 lks.S. of the original cor. of secs. 19,24, 25 and 30, hereinbefore described.
 Thence,
 S.89°46'W., on true line, bet. secs.24 and 25.
 Over rolling land, thru. scattering undergrowth and small timber.
 1.34 Road brs.N. and S.
 28.60 Wash,150 lks.wide, 2 ft. deep, course NW.
 38.00 Road brs.SE. and NW.
 40.02 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., with brass cap, marked



Dig pits, 18x18x12 ins., E and W. of post, 3 ft. dist. Ascend 70 ft. over E. slope.
 57.67 Top of hill, bearing N. and S.; descend 80 ft.,over NW. slope.
 64.50 Road brs.N and S.
 64.62 Wash,30 lks.wide, 2 ft. deep, course N.; ascend 60 ft., over NE.slope to sec.cor.

14 Subdivision lines of Township 9 South, Range 12 East.

Chains.

80.04 The cor. of secs. 23, 24, 25 and 26.
Land, rolling.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, ocotilla and cholla cactus.

N. 0° 1' W., bet. secs. 23 and 24.
Over rolling land, thru. scattering small timber and medium undergrowth.

Descend 75 ft., over NE. slope.

13.80 Drain, course E; ascend 64 ft., over SE. slope.

19.64 Top of spur, slopes E.; descend 85 ft., over NE. slope.

33.38 Wash, 200 lks. wide, 2 ft. deep, course NW.; thence across gently rolling land.

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

$\frac{1}{4}$
S23 | S24
1919

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant.

41.90 Road brs. NW. and SE.

48.00 Rocky knoll, 100 ft. high, brs. E. 2.00 chs. dist.

79.00 Wash, 50 lks. wide, 3 ft. deep, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for corner of secs. 13, 14, 23 and 24, with brass cap, marked

T9S | R12E
S14 | S13

S23 | S24
1919

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.

Land, rolling.

Soil, rocky, granite formation, 4th rate.

Timber, scattering small palo verde and ironwood.

Undergrowth, greasewood, catclaw and cholla cactus.

N. 89° 46' E., on a random line, bet. secs. 13 and 24.

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

80.06 Intersect the East bdy. of the Tp., 14 lks. S. of the original cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence,

S. 89° 40' W., on true line, bet. secs. 13 and 24.

Over rolling land, thru. scattering small timber and medium undergrowth.

Subdivision of Township 9 South, Range 12 East.

Chains.

- 3.05 Wash, 10 lks.wide, 1 ft. deep, course NW.
- 14.35 Wash, 20 lks.wide, 1 ft. deep, course S.60°W.
- 22.75 Same wash, 20 lks.wide; 1 ft. deep, course NW.
- 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked

S 13
 $\frac{1}{4}$ —————
 S 24
 1919

- 48.11 Dig pits, 18x18x12 ins., E and W of post, 3 ft. dist.
 - 48.11 Wash, 10 lks.wide, 1 ft. deep, course NW.
 - 60.15 Wash, 15 lks.wide, 4 ft. deep, course NW.
 - 70.00 Top of hill, brs. SE. and NW., 50 ft. high.
 - 80.06 The cor. of secs. 13, 14, 23 and 24.
- Land, rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering small palo verde.
 Undergrowth, greasewood and catclaw.

- N.0°1'W., bet. secs. 13 and 14.
 Over rolling land, thru. scattering small timber and undergrowth.
- 22.50 Wash, 25 lks.wide, 3 ft. deep, course N.50°W.
 - 25.88 Wash, 40 lks.wide, 3 ft. deep, course 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., with brass cap, marked

$\frac{1}{4}$
 S14 | S13
 1919

- 57.08 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- 57.08 Wash, 15 lks.wide, 2 ft. deep, course W.
- 61.78 Wash, 120 lks.wide, 2 ft. deep, course S.80°W.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked

T9S | R12E
 S11 | S12
 S14 | S13
 1919

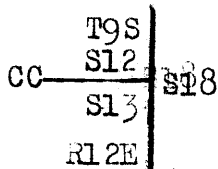
Dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, gravelly, sandy, dry, 3rd rate.
 Timber, scattering small mesquite, palo verde and iron-wood.
 Undergrowth, catclaw, greasewood and cholla cactus.

- 40.00 East, on random line, bet. secs. 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 80.11 Intersect the E. bdy. of the township, 66 lks. S.0°3'W. of the reestablished cor. of secs. 7 and 18, T.9 S., R.13 E., hereinbefore described.

16) Subdivision lines of Township 9 South, Range 12 East.

Chains.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 12 and 13, with brass cap, marked



1919

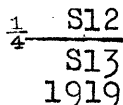
Dig pits, 18x18x12 ins. crosswise on each line, N. and S. of post 3 ft. dist., and W. of post 7 ft. dist. Thence, West, on true line, bet. secs. 12 and 13.

Over rolling land, thru scattering timber and undergrowth.

17.70 Wash, 15 lks. wide, 1 ft. deep; course N. 70° W.

35.10 Wash, 50 lks. wide, 2 1/2 ft. deep, course S. 70° W.

40.05 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



80.11 Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist. The cor. of secs. 11, 12, 13 and 14.

Land, rolling.

Soil, sandy, gravelly loam, 3rd rate.

Small timber, scattering mesquite, ironwood and palo verde.

Undergrowth, greasewood, catclaw and cholla cactus.

N. 0° 1' W., bet. secs. 11 and 12.

Over gently rolling land, thru scattering small timber and undergrowth.

19.70 Dim road brs. E. and W.

24.60 Wash, 10 lks. wide, 1 ft. deep, course N. 80° W.

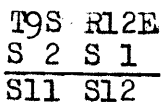
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked



47.10 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Old road brs. N. 60° E. and S. 60° W.

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, with brass cap, marked



1919

from which,

Subdivision lines of Township 9 South, Range 12 East.

17

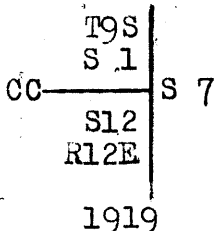
Chains.

- A mesquite, 10 ins. in diam., brs. N. $13\frac{3}{4}^{\circ}$ E., 85 lks. dist., marked T9S R12E S1 BT.
- A palo verde, 5 ins. in diam., brs. S. $19\frac{1}{2}^{\circ}$ E., 69 lks. dist., marked T9S R12E S12 BT.
- A palo verde, 6 ins. in diam., brs. S. $61\frac{1}{2}^{\circ}$ W., 29 lks. dist., marked T9S R12E S11 BT.
- A mesquite, 10 ins. in diam., brs. N. $13\frac{1}{4}^{\circ}$ W., 153 lks. dist., marked T9S R12E S2 BT.

Land, gently rolling.
 Soil, sandy, 4th rate.
 Small timber, scattering palo verde, ironwood and mesquite.
 Undergrowth, greasewood, catclaw and cholla cactus.

40.00
80.14

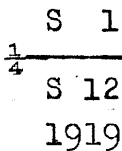
East, on random line, bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the E. bdy. of the township, 66 lks. S. $0^{\circ} 2'$ W. of the reestablished cor. of secs. 6 and 7, T. 9 S., R. 13 E., hereinbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 1 and 12, with brass cap, marked



Dig pits, 18x18x12 ins. crosswise on each line N. and S. of cor. 3 ft. dist., and W. of cor. 7 ft. dist.

Thence;
 West, on true line, bet. secs. 1 and 12.
 Over gently rolling land, thru. scattering small timber and undergrowth.

- 23.14 A 4-wire fence, brs. NW. and SE.
- 25.15 Phoenix-Tucson highway, brs. NW. and SE.
- 39.45 Old road brs. NW. and SE.
- 40.07 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked

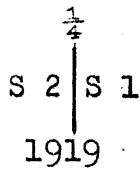


- 48.15 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 - 65.35 Ranch house, brs. N. 10 chs. dist.
 - 76.05 Old road brs. S. 20° E. and N. 20° W.
 - 80.14 Wash, 300 lks. wide, 2 ft. deep, course N. 70° W.
- The cor. of secs. 1, 2, 11 and 12.
 Land, gently rolling.
 Soil, 4th rate.
 Small timber, scattering mesquite, ironwood and palo verde.
 Undergrowth, greasewood, catclaw and cholla cactus.

18 Subdivision lines of Township 9 South, Range 12 East.

Chains.

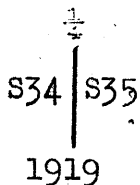
- 40.00 N. 0° 3' E., on random line, bet. secs. 1 and 2.
- Set temp. $\frac{1}{4}$ sec. cor.
- 80.66 Intersect the N. bdy. of the township, 16 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
- Thence,
- S. 0° 10' W., on true line, bet. secs. 1 and 2.
- Over gently rolling land, thru. scattering small timber and undergrowth.
- 6.15 A 4-wire fence, brs. E and W.
- 10.65 Dim road brs. NW. and SE.
- 15.45 Wash, 10 lks. wide, $1\frac{1}{2}$ ft. deep, course W.
- 40.66 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap, marked



- 44.96 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- 46.66 Wash, 50 lks. wide, $2\frac{1}{2}$ ft. deep, course S. 70° W.
- 46.66 A 4-wire fence, brs. NW. and SE.
- 53.26 Wash, 20 lks. wide, 2 ft. deep, course N. 70° W.
- 58.25 Phoenix-Tucson highway, brs. NW. and SE.
- 72.26 Main wash, 250 lks. wide, 2 ft. deep, course N. 70° W.
- 77.15 Part of main wash, 50 lks. wide, $1\frac{1}{2}$ ft. deep, course N. 70° W.
- 79.15 Part of main wash, 40 lks. wide, $1\frac{1}{2}$ ft. deep, course N. 70° W.
- 80.66 The cor. of secs. 1, 2, 11 and 12.

Land, gently rolling.
 Soil, sandy, 4th rate.
 Small timber, scattering mesquite, and palo verde.
 Undergrowth, greasewood and cholla cactus.

- From the corner of secs. 2, 3, 34 and 35, on the south bdy. of the township, described in Book "A,"
- N. 0° 1' W., bet. secs. 34 and 35.
- Over nearly level land, thru. scattering small timber and undergrowth.
- The line runs parallel to a fence 40 lks. E.
- 6.30 Wash, 10 lks. wide, 1 ft. deep, course S. 70° W.
- 26.88 Wash, 10 lks. wide, 1 ft. deep, course W.
- 37.28 Wash, 20 lks. wide, $2\frac{1}{2}$ ft. deep, course 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., with brass cap, marked



Dig pits 18x18x12 ins., N. and S of post, 3 ft. dist.

Subdivision lines of Township 9 South, Range 12 East.

chains.
51.96
80.00

Wash, 10 lks. wide, 1 ft. deep, course N.70°W.
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, with brass cap, marked

T9S | R12E
S27 | S26

S34 | S35

1919

Dig pits, 18x18x12 ins., in each sec. 5½ ft. dist.
Land, nearly level.
Soil, rocky, 4th rate.
Undergrowth, scattering ocotilla and cholla cactus.
Timber, scattering small palo verde and mesquite.

40.00
80.03

East, on a random line, bet. secs. 26 and 35.
Set temp. ¼ sec. cor.
Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence,
N. 89°59' W., on true line, bet. secs. 26 and 35.
Over gently rolling land, thru. scattering timber and undergrowth.

This line runs parallel to fence, 50 lks. N. of line, thru. entire mile.

6.00
25.55
40.01½

Wash, 130 lks. wide, 2 ft. deep, course N.50°W.
Drain, course NW.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ S 26

S 35
1919

45.95
65.00
66.65
79.60
80.03

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
Wash, 15 lks. wide, 1½ ft. deep, course N.70°W.
Drain, course N.
Wash, 20 lks. wide, 2 ft. deep, course N.20°W.
Fence brs. N. and S., and turns E. at 50 lks. N.
The cor. of secs. 26, 27, 34 and 35.
Land, gently rolling.
Soil, rocky, and sandy, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, scattering ocotilla and cholla cactus.

N. 0°1' W., bet. secs. 26 and 27.
Over gently rolling land, thru. scattering timber and undergrowth.

10.98
17.79
21.00
40.00

Wash, 30 lks. wide, 1½ ft. deep, course NW.
Wash, 15 lks. wide, 1 ft. deep, course N.70°W.
Bunk house of the Tortillita Mining Co., brs. N. 57°22' E.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼
S27 | S26

1919

41.50
55.30
74.50
80.00

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Drain, course W.
Road brs. E. and W.
Wash, 120 lks. wide, 2 ft. deep, course N.80°W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap, marked

T9S | R12E
S22 | S23

S27 | S26

1919

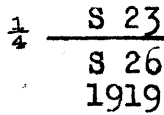
Dig pits, 18x18x12 ins., in each sec. 5½ ft. dist.
Land, gently rolling.

20 Subdivision lines of Township 9 South, Range 12 East.

Chains.

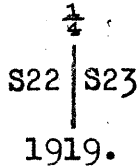
Soil, rocky, 4th rate.
 Timber, scattering small ironwood, palo verde and mesquite.
 Undergrowth, scattering greasewood, ocotilla and cholla cactus.

- 40.00 S. 89°59'E., on a random line, bet. secs. 23 and 26.
- 80.03 Set temp. $\frac{1}{4}$ sec. cor.
- Intersect the cor. of secs. 23, 24, 25 and 26.
- Thence,
- N. 89°59'W., on true line, bet. secs. 23 and 26.
- Over rolling land, thru. scattering timber and undergrowth.
- Ascend 50 ft., over NE. slope.
- 15.97 Spur, from Chief Butte, slopes SE. Top of said butte brs. NW.
- about 15 chs. dist.; descend 47 ft., over SW. slope, to
- 23.25 Ascend 30 ft., over SE. slope.
- 28.22 Spur from Chief Butte, slopes SW.; descend 93 ft., over SW.
- slope to $\frac{1}{4}$ sec. cor.
- 35.00 Drain, course S. 30°W.
- 40.01 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
- ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

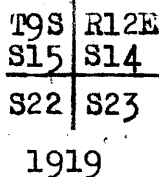


- 49.80 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 65.20 Wash, 10 lks. wide, course N. 70°W.
- 67.50 Same wash, course S. 70°W.
- 80.03 Same wash, course N. 80°W.
- The cor. of secs. 22, 23, 26 and 27.
- Land, rolling.
- Soil, rocky, 4th rate.
- Timber, scattering small mesquite, ironwood and palo verde.
- Undergrowth, scattering catclaw and cholla cactus.

- N. 0°1'W., bet. secs. 22 and 23.
- Over gently rolling land, thru. scattering timber and me-
- 26.80 Wash, 10 lks. wide, 1 ft. deep, course 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., with brass cap, marked



- 41.50 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,
- 57.20 Wash, 10 lks. wide, 1 ft. deep, course W.
- 64.50 Wash, 20 lks. wide, 1 ft. deep, course N. 80°W.
- 80.00 Wash, 300 lks. wide, 2 ft. deep, course W.
- 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, with
- brass cap, marked



- Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist. from
- From cor.,
- A mesquite, 4 ins. in diam., brs. N. 80°E., 27 lks.
- dist., marked T9SR12E S14BT.
- A palo verde, 4 ins. diam., brs. S. 59°E., 50 lks.
- dist., marked T9S R12E S23 BT.
- A mesquite, 4 ins. in diam., brs. S. 80°W., 169 lks.
- dist., marked T9SR12ES22 BT.
- A mesquite, 5 ins. in diam., brs. N. 33 $\frac{1}{2}$ °W., 75 lks.
- dist., marked T9S R12E S15B #.

Subdivision lines of Township 9 South, Range 12 East. 21

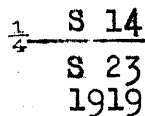
Chains.

Land, gently rolling.
Soil, sandy loam, 4th rate.
Timber, small mesquite, palo verde and ironwood.
Undergrowth, medium greasewood and cholla cactus.

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

Thence,
N. 89° 58' W., on true line, bet. secs. 14 and 23.
Over gently rolling land, thru. scattering timber and medium undergrowth.

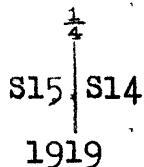
1.45 Wash, 50 lks. wide, 3 ft. deep, course NW.
35.00 Road brs. N. 30° W. and S. 30° E.
38.70 Road brs. NW. and SE.
39.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



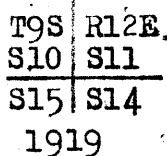
44.95 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
53.00 Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.
79.85 Same wash, course S. 70° W.
79.96 Same wash, course N. 70° W.
The cor. of secs. 14, 15, 22 and 23.
Land, rolling.
Soil, sandy loam, 2nd and 3rd rate.
Timber, scattering small mesquite, ironwood and palo verde.
Undergrowth, medium greasewood, catclaw and sahuaro, and cholla cactus.

N. 0° 1' W., bet. secs. 14 and 15.
Over rolling land, thru. scattering timber and medium undergrowth.

.30 Wash, 10 lks. wide, 1 1/2 ft. deep, course W.
21.60 Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.
27.00 Wash, 50 lks. wide, 1 1/2 ft. deep, course W.
29.57 Discovery shaft of the "Owl Head No. 3" unsurveyed lode mining claim, brs. W. 100 lks. dist.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



55.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
75.00 Wash, 400 lks. wide, 2 ft. deep, course N. 80° W.
80.00 Wash, 20 lks. wide, 1 1/2 ft. deep, course W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked



Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist.
Land, gently rolling.
Soil, sandy, 3rd rate.
Timber, scattering small palo verde, ironwood and mesquite.
Undergrowth, medium greasewood, catclaw and cholla cactus.

22 Subdivision lines of Township 9 South, Range 12 East.

Chains. S.89°58'E., on random line, bet.secs.11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.95 Intersect the N. and S.line, 5 lks.S.of the cor.of secs.
 11,12, 13 and 14.
 Thence,
 West, on true line, bet.secs.11 and 14.
 Over gently rolling land, thru.scattering timber and under-
 growth.
 39.97 $\frac{1}{2}$ Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked

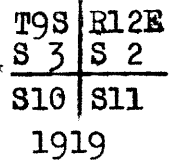
$\frac{1}{4}$	S 11
	S 14
	1919

Dig pits, 18x18x12 ins., E. and W.of post, 3 ft. dist.
 46.95 Dim road, brs.S.30°E. and N.30°W.
 60.00 Wash,10 lks.wide,1 ft. deep, course S. 70° W.
 79.95 The cor.of secs. 10,11,14 and 15.
 Land, gently rolling.
 Soil,sandy loam, 2nd and 3rd rate.
 Timber, scattering small palo verde, ironwood and mesquite.
 Undergrowth, scattering greasewood, catclaw and cholla
 cactus.

N.0°1'W., bet. secs.10 and 11.
 Over gently rolling land, thru. scattering timber and
 undergrowth.
 5.20 Old road, brs.N.80°E. and S.80° W.
 18.50 Wash,20 lks.wide, 2 ft. deep, course 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., with brass cap, marked

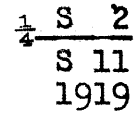


Dig pits, 18x18x12 ins., N.and S.of post, 3 ft. dist.
 41.40 Wash,10 lks.wide, 1 ft. deep, course W.
 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
 the ground, for cor.of secs. 2,3,10 and 11, with
 brass cap, marked



Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft.from cor.
 Land,gently rolling.
 Soil,sandy, 2nd and 3rd rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering greasewood, catclaw and cholla
 cactus.

East, on random line, bet. secs.2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.95 Intersect the cor.of secs. 1,2,11 and 12.
 Thence,
 West, on true line, bet. secs.2 and 11.
 Over gently rolling land, thru. scattering timber and
 undergrowth.
 39.97 $\frac{1}{2}$ Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked



Subdivision lines of Township 9 South, Range 12 East. 23

Chains.	
73.95 79.95	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Wash, 15 lks. wide, 2 ft. deep, course N.70°W. The cor. of secs. 2, 3, 10 and 11. Land, nearly level. Soil, sandy, 3rd rate. Timber, scattering small palo verde and mesquite. Undergrowth, scattering greasewood, catclaw and cholla cactus.
40.00 80.54	N.0°10'E., on random line, bet. secs. 2 and 3. Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. bdy. of the Tp., 2 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described. Thence, S.0°11'W., on true line, bet. secs. 2 and 3. Over gently rolling land, thru. scattering timber and undergrowth.
12.05 40.54	Wash, 15 lks. wide, 2 ft. deep, course W. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
$\frac{1}{4}$ S 3 S 2 1919	
47.24 67.84 79.00 80.54	Dig pits, 18x18x12 ins., N. and S of post, 3 ft. dist. Wash, 400 lks. wide, 2 ft. deep, course W. Drain, course W. Wash, 15 lks. wide, 2 ft. deep, course W. The cor. of secs. 2, 3, 10 and 11. Land, rolling. Soil, sandy, 3rd rate. Timber, scattering small mesquite and palo verde. Undergrowth, scattering greasewood, catclaw and cholla cactus.
.50 3.30 31.37 40.00	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. Over heavily rolling land, thru. scattering timber and medium undergrowth. Wash, 10 lks. wide, 1 ft. deep, course W. Wash, 15 lks. wide, 1 ft. deep, course S.70°W.; ascend 225 ft. over SE. slope of butte, which is one of a group known as "Owl Head Butte" Top of ascent on E. side of butte, the top of which brs. W. about 10 chs. dist.; descend 75 ft., over NE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 3 ft. base, 2 ft. high around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked
$\frac{1}{4}$ S33 S34 1919	
48.89 60.68 70.27 80.00	Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. Wash, 15 lks. wide, 1 ft. deep, course N.70° W. Leave slope of "Owl Head Buttes." Ascend 30 ft., over SW. slope of hill. Top of ascent on W. side of hill, the top of which brs. E. about 6 chs. dist.; descend 30 ft. over NW. slope. Wash, 10 lks. wide, 1 ft. deep, course W.; ascend 50 ft., over SE. slope, to 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, with brass cap, marked

x5

x5

x2

24 Subdivision lines of Township 9 South, Range 12 East.

Chains.

T9S	R12E
S28	S27
S33	S34
1919	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, heavily rolling.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, medium ocotilla and cholla cactus.

- East, on a random line, bet. secs. 27 and 34.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 80.04 Intersect the N. and S. line, 8 lks. S. of the cor. of secs. 26, 27, 34 and 35.
- Thence,
S. $89^{\circ}57'$ W., on true line, bet. secs. 27 and 34.
Over rolling land, thru. scattering timber and undergrowth.
- 18.05 Wash, 15 lks. wide, 1 ft. deep, course N. 30° W.
 - 27.40 Wash, 10 lks. wide, 1 ft. deep, course N. 20° W.
 - 37.20 Wash, 300 lks. wide, 2 ft. deep, with several channels, course N. 30° W.
 - 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$	S 27
	S 34
1919	

- 49.62 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 - Wash, 10 lks. wide, 1 ft. deep, course N. 30° W.; ascend 30 ft., over E. slope, to
 - 64.00 Spur, slopes SE.; ascend 25 ft. to
 - 80.04 The cor. of secs. 27, 28, 33 and 34.
- Land, rolling.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, scattering ocotilla and cholla cactus.

- N. $0^{\circ}2'$ W., bet. secs. 27 and 28.
Over rolling land, thru. very scattering timber and undergrowth.
- 6.50 Spur, slopes SE.
 - 10.90 Top of hill, brs. W. about 4 chs. dist.; descend 95 ft., over NE. slope, to
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$	S28	S27
1919		

- 51.74 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- 52.84 Wash, 40 lks. wide, 2 ft. deep, course W.
- 60.23 Wash, 30 lks. wide, $1\frac{1}{2}$ ft. deep, course W.
- 80.00 Road brs. E. and W.
- 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, with brass cap, marked

T9S	R12E
S21	S22
S28	S27
1919	

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.
Land, rolling.
Soil, rocky granite and sand, 3rd and 4th rate.

Subdivision of T. 9 S. R. 12 E.

Chains.

Small timber, scattering palo verde and mesquite.
Undergrowth, greasewood and cholla cactus.

N. 89° 57' E., on random line bet. secs. 22 and 27.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect the N. and S. line, 7 lks. S. of the cor. of
secs. 22, 23, 26 and 27.

Thence

S. 89° 54' W., on true line bet. secs. 22 and 27.
Over gently rolling land; thru scattering small timber
and undergrowth.
5.00 Wash, 50 lks. wide, 2 ft. deep, course N. 40° W.
10.00 Wash, 15 lks. wide, 1 ft. deep, course N. 40° W.
40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 22

$\frac{1}{4}$

S 27

1919

dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.

53.02 Wash, 15 lks. wide, 1 ft. deep, course N. 80° W.
56.80 Wash, 20 lks. wide, 1 ft. deep, course S. 80° W.
64.50 Wash, 15 lks. wide, 1 ft. deep, course N. 40° W.
73.00 Wash, 10 lks. wide, 1 ft. deep, course N. 30° W.
80.02 The cor. of secs. 21, 22, 27 and 28.

Land, gently rolling.

Soil, gravelly and sandy, 3rd rate.

Small timber, scattering palo verde, ironwood and mesquite.
Undergrowth, greasewood and cholla and sahuaro cactus.

N. 0° 2' W., bet. secs. 21 and 22.

Over gently rolling land; thru very scattered small
timber and undergrowth.

15.00 Wash, 20 lks. wide, 1 ft. deep, course N. 60° W.
25.40 Wash, 10 lks. wide, 1 ft. deep, course N. 30° W.
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

$\frac{1}{4}$

S 21 | S 22

1919

dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist.

42.40 Wash, 10 lks. wide, 1 ft. deep, course N. 50° W.
50.00 Wash, 60 lks. wide, 2 $\frac{1}{2}$ ft. deep, course W.
53.00 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
55.00 Wash, 50 lks. wide, 1 ft. deep, course S. 70° W.
59.20 Wash, 60 lks. wide, 2 ft. deep, course S. 70° W.
61.50 Wash, 400 lks. wide, 2 ft. deep, course S. 60° W.
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

T 9S | R12E

S 16 | S 15

S 21 | S 22

1919

dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. from cor.

Land, gently rolling.

Soil, sandy loam, 2nd rate.

Small timber, scattering mesquite, ironwood and palo verde
Undergrowth, cat claw, greasewood, and sahuaro and cholla
cactus.

26.

Subdivision of T. 9 S. R. 12 E.

Chains.

40.00 N. 89° 54' E., on random line bet. secs. 15 and 22.
 Set an temp. $\frac{1}{4}$ sec. cor.
 80.07 Intersect the N. and S. line, 2 lks. N. of the cor. of
 secs. 14, 15, 22 and 23.

Thence

S. 89° 55' W., on true line bet. secs. 15 and 22.
 Over gently rolling land; thru scattering small timber
 and undergrowth.

35.00 Wash, 20 lks. wide, 2 ft. deep, course S. 70° W.
 40.03 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

S 15
 $\frac{1}{4}$
 S 22
 1919

47.80 dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.
 Wash, 20 lks. wide, 2 ft. deep, course N. 60° W.

73.70 Wash, 25 lks. wide, 1 $\frac{1}{2}$ ft. deep, course S. 70° W.

77.74 Same wash, 25 lks. wide, 1 $\frac{1}{2}$ ft. deep, course N. 70° W.

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

Land, gently rolling.

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

Small timber, scattering mesquite, palo verde and ironwood.

Undergrowth, cat claw, greasewood and cholla cactus.

 N. 0° 2' W., bet. secs. 15 and 16.

Over gently rolling land; thru scattering small timber
and undergrowth.

3.00 Wash, 15 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.

29.00 Wash, 40 lks. wide, 1 $\frac{1}{2}$ ft. deep, course W.

35.90 Old road, bears E. and W.

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

$\frac{1}{4}$
 S 16 | S 15
 1919

69.50 dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist.
 Wash, 3 $\frac{1}{2}$ chs. wide, 2 ft. deep, course W.

77.90 Old road, bears S. 80° W. and N. 80° E.

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

T 9S | R12E
 S 9 | S 10
 S 16 | S 15
 1919

from which

A mesquite, 4 ins. diam., bears N. 30° E., 28 lks.
 dist., marked T 9 S R 12 E S 10 B T.

A mesquite, 5 ins. diam., bears S. 21° E., 92 lks.
 dist., marked T 9 S R 12 E S 15 B T

A mesquite, 5 ins. diam., bears S. 85 $\frac{1}{2}$ ° W., 164 lks.
 dist., marked T 9 S R 12 E S 16 B T.

A mesquite, 5 ins. diam., bears N. 48° W., 117 lks.
 dist., marked T 9 S R 12 E S 9 B T.

Dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. from
 cor.

Land, gently rolling.

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

Small timber, scattering palo verde and mesquite.

Undergrowth, greasewood and cholla cactus.

 N. 89° 55' E., on random line bet. secs. 10 and 15

Subdivision lines of Township 9 South, Range 12 East.

Chains.

40.00 Set a temp. $\frac{1}{4}$ sec. cor.
 80.11 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence,
 S. $89^{\circ}56'W.$, on true line, bet. secs. 10 and 15.
 Over gently rolling land, thru. scattering timber, and undergrowth.
 31.00 Road hrs. N. $85^{\circ}E.$ and S. $85^{\circ}W.$
 33.00 Same road hrs. N. $85^{\circ}W.$ and S. $85^{\circ}E.$
 40.05 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 10
S 15
1919

52.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Same road, hrs. S. $85^{\circ}W.$ and N. $85^{\circ}E.$
 80.11 The cor. of secs. 9, 10, 15 and 16.
 Land, gently rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering small palo verde and ironwood.
 Undergrowth, scattering greasewood and cholla cactus.

 N. $0^{\circ}2'W.$, bet. secs. 9 and 10.
 Over gently rolling land, thru. scattering timber and undergrowth.

5.00 Wash, 15 lks. wide, 1 ft. deep, course SW.
 16.00 Wash, 10 lks. wide, 1 ft. deep, course W.
 24.50 Wash, 10 lks. wide, 1 ft. deep, course S. $70^{\circ}W.$
 35.40 Wash, 20 lks. wide, 2 ft. deep, course S. $70^{\circ}W.$
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and raise a mound of stone, 3 ft. base, 2 ft. high around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S 9 S 10
1919

70.40 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Wash, 25 lks. wide, 2 ft. deep, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft. base, 2 ft. high around same, for cor. of secs. 3, 4, 9 and 10, with brass cap, marked.

T9S R12E
S 4 S 3
S 9 S 10
1919

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy and rocky, 3rd and 4th rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering greasewood and cholla cactus.

 N. $89^{\circ}56'E.$, on random line, bet. secs. 3 and 10.
 40.00m Set a temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence,
 S. $89^{\circ}57'W.$, on true line, bet. secs. 3 and 10.
 Over gently rolling land, thru. scattering timber and undergrowth.
 20.10 Wash, 20 lks. wide, 2 ft. deep, course NW.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

28 Subdivision of township 9 South, Range 12 East.

Chains.

$\frac{1}{4}$ S 3
S 10
1919

58.10 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
Wash, 10 lks. wide, 1 ft. deep, course NE.
80.10 The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, rocky and gravelly, 3rd and 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, greasewood and sahuaro and cholla cactus.

40.00 N. 0° 11' E., on random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
80.42 Intersect the N. bdy. of the Tp., 7 lks. W. of the cor. of
secs. 3, 4, 33 and 34, hereinbefore described.
Thence,
S. 0° 14' W., on true line, bet. secs. 3 and 4.
Over rolling land, thru. scattering timber and under-
growth.

11.90 Wash, 20 lks. wide, 1 $\frac{1}{2}$ ft. deep, course S. 60° W.
20.42 Wash, 300 lks. wide, 2 ft. deep, course N. 80° W.
40.42 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S 4 | S 3
1919

80.42 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, sandy loam, 3rd rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, greasewood and cholla cactus.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the
Tp., described in Book "A,"
N. 0° 2' W., bet. secs. 32 and 33.
Over heavily rolling land, thru. scattering timber and
medium undergrowth.

2.40 Enter wash, 10 lks. wide, course N. from S. 30° E. Thence in
wash.

3.30 Leave wash, course NW. from S.; ascend 85 ft., over SW. slope
of butte, one of a group, known as "Owl Head Buttes."

12.50 Spur, slopes SW.; descend 15 ft., over N. slope, to
15.00 Wash, course SW. Top of butte brs. E. about 12 chs. dist.
Ascend 75 ft., over SW. slope.

22.82 Spur, slopes N. 80° W. from S. 50° E.; descend 310 ft., over N.
slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
and raise a mound of stone, 5 ft. base, 3 ft. high around
same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S 32 | S 33
1919.

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
Leave slopes from "Owl Head Buttes." Enter gently rolling
land.

45.50 Wash, 10 lks. wide, 1 ft. deep, course N. 50° W.

55.19 Wash, 30 lks. wide, 1 $\frac{1}{2}$ ft. deep, course S. 80° W.

79.95 Road, brs. N. 30° W. and S. 30° E.

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

Subdivision lines of Township 9 South, Range 12 East. 29

Chains.

T9S	R12E
S29	S28
S32	S33
1919	

Dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist.
 South, half mile, heavily rolling; north half, gently rolling.
 Soil, rocky, granite formation, 4th rate in south half, and sandy loam, 2nd rate in N. half.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, medium greasewood and cholla cactus.

East, on random line, bet. secs. 28 and 33.
 40.00 Set temp. 1/4 sec. cor.
 79.89 Intersect the N. and S. line, 10 lks. S. of cor. of secs. 27, 28, 33 and 34.
 Thence,
 S. 89° 56' W., on true line, bet. secs. 28 and 33.
 Over rolling land, thru. scattering timber and medium undergrowth; ascend 40 ft., over SE. slope.
 7.08 Top of ascent on S. side of hill, the top of which brs. N. about 10 chs. dist.; descend 180 ft., over W. slope, to
 34.90 Wash, 20 lks. wide, 1/2 ft. deep, course NW.; thence descend gradually, over NW. slope.
 37.40 Drain, course NW.
 39.94 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4	S 28
	S 33
	1919

44.50 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Drain, course NW.
 53.30 Drain, course N. 60° W.
 79.89 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, rocky, granite formation, 4th rate; and sandy loam, 2nd rate.
 Timber, scattering small ironwood and palo verde.
 Undergrowth, medium greasewood, ocotilla and cholla, and sahuaro cactus.

N. 0° 2' W., bet. secs. 28 and 29.
 Over rolling land, thru. scattering timber and undergrowth.
 3.00 Wash, 15 lks. wide, 1 ft. deep, course W.
 39.50 Wash, 20 lks. wide, 1 ft. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4	S 29	S 28
	1919	

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 Ascend 70 ft., over SW. slope.
 52.73 Top of ascent on W. side of hill, the top of which brs. E. about 4 chs. dist. Descend 35 ft., over NW. slope.
 57.70 Foot of NW. slope of hill, brs. E. and W. Thence over slightly rolling W. slope, to sec. cor.
 63.90 Wash, 20 lks. wide, 1 ft. deep, course S. 80° W.
 68.50 Wash, 40 lks. wide, 2 ft. deep, course W.
 71.10 Road brs. E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap, marked

30 Subdivision lines of Township 9 South, Range 12 East.

Chains.

T9S	R12E
S20	S21
S29	S28
1919	

Dig pits, 18x18x12 ins. in each sec. 5½ ft. dist.
Land, rolling.
Soil, sandy, 3rd rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, scattering ocotilla, greasewood and sahuaro,
and cholla cactus.

40.00 N. 89° 56' E., on random line, bet. secs. 21 and 28.
Set temp. ¼ sec. cor.
79.85 Intersect the N. and S. line, 23 lks. N. of the cor. of secs.
21, 22, 27 and 28.
Thence,
N. 89° 54' W., on true line, bet. secs. 21 and 28.
Over nearly level land, thru. scattering timber and under-
growth.
21.85 Drain, course N. 50° W.
38.65 Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.
39.92½ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for ¼ sec. cor., with brass cap, marked

¼	S 21
	S 28
	1919

63.35 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
79.85 Wash, 20 lks. wide, 1 ft. deep, course NW.
The cor. of secs. 20, 21, 28 and 29.
Land, nearly level.
Soil, sandy loam, 2nd rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, scattering greasewood, ocotilla, and sahuaro
and cholla cactus.

N. 0° 2' W., bet. secs. 20 and 21.
Over gently rolling land, thru. scattering timber and
undergrowth.
6.50 Wash, 40 lks. wide, 1 ft. deep, course W.
12.00 Wash, 10 lks. wide, 1 ft. deep, course W.
16.70 Wash, 20 lks. wide, 1½ ft. deep, course W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for ¼ sec. cor., with brass cap, marked

¼	S 20	S 21
		1919

45.40 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
58.49 Wash, 10 lks. wide, 1 ft. deep, course W.
79.04 Wash, 70 lks. wide, 2 ft. deep, course N. 70° W.
80.00 Old road, brs. E and W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, with
brass cap, marked

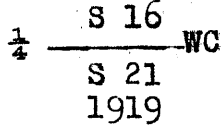
T9S	R12E
S17	S16
S20	S21
1919	

Dig pits, 18x18x12 ins. in each sec. 5½ ft. dist.
Land, rolling.
Soil, sandy, 3rd rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, scattering catclaw, greasewood and cholla
cactus.

Subdivision lines of Township 9 South, Range 12 East. 31

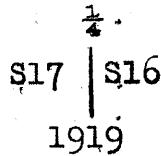
Chains.

40.00 S.89°54'E., on random line, bet. secs.16 and 21.
 79.82 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the N. and S. line, 5 lks. N. of the cor. of secs.
 15, 16, 21 and 22.
 Thence,
 N.89°52'W., on a true line, bet. secs.16 and 21.
 Over gently rolling land, thru. scattering timber and
 undergrowth.
 39.91 True point for $\frac{1}{4}$ sec. cor. falls in wash, 15 lks. wide, 1 ft.
 deep, course SW.; therefore, at
 40.43 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass
 cap, marked

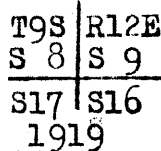


79.82 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 The cor. of secs. 16, 17, 20 and 21.
 Land, gently rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering catclaw, greasewood and cholla
 cactus.

6.50 N.0°2'W., bet. secs. 16 and 17.
 28.50 Over rolling land, thru. scattering timber and undergrowth.
 39.00 Wash, 10 lks. wide, 1 ft. deep, course N.80°W.
 40.00 Wash, 70 lks. wide, 2 ft. deep, course N.70°W.
 Windmill brs N.89°W.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



40.35 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 53.20 Old road, brs. E. and W.
 62.00 Wash, 20 lks. wide, 1 ft. deep, course N.70° W.
 65.05 Wash, 15 lks. wide, 1 ft. deep, course N.70°W.
 67.00 Old road, brs. N.80°E. and S.80°W.
 72.00 Wash, 40 lks. wide, 1 ft. deep, course S.80°W.
 75.50 Main wash, 250 lks., 2 ft. deep, course W.
 80.00 Wash, 35 lks. wide, 2 $\frac{1}{2}$ ft. deep, course W.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 8, 9, 16 and 17; with brass
 cap, marked



Dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, sandy and gravelly, 3rd and 4th rate.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, scattering greasewood, catclaw and cholla
 cactus.

40.00 S.89°52'E., on a random line, bet. secs. 9 and 16.
 79.80 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the N. and S. line, 5 lks. S. of the cor. of secs.
 9, 10, 15 and 16.
 Thence,
 N.89°54'W., on a true line, bet. secs. 9 and 16.
 Over gently rolling land, thru. scattering timber and under-
 growth.

32. Subdivision lines of Township 9 South, Range 12 East.

Chains.

8.20 Wash, 15 lks. wide, 1 ft. deep, course S. 70° W.
 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 9
 S 16
 1919

79.80 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 The cor. of secs. 8, 9, 16 and 17.
 Land, gently rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering catclaw, cholla and sahuaro cactus.

N. 0° 2' W., bet. secs. 8 and 9.
 Over rolling land, thru. scattering timber and undergrowth.

9.50 Wash, 10 lks. wide, 1 ft. deep, course W.
 25.30 Wash, 40 lks. wide, 2 ft. deep, course S. 30° W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, and raise a mound of stone, 3 ft. base, 1 ft. high around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S 8 | S 9
 1919

59.19 Raise a mound of stone 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Ascend 105 ft., over SE. slope.
 74.10 Point of spur, slopes E.; descend 45 ft., over NE. slope, to
 79.06 Wash, course E.; ascend 10 ft. to,
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, and raise a mound of stone 2 $\frac{1}{2}$ ft. base, 1 ft. high, around post, with brass cap, marked

T9S | R12E
 S 5 | S 4
 S 8 | S 9
 1919

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, rocky granite formation, 4th rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering cholla and sahuaro cactus.

40.00 S. 89° 54' E., on random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence,
 N. 89° 57' W., on true line, bet. secs. 4 and 9,
 Over gently rolling land, thru. scattering timber and undergrowth.
 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 4
 S 9
 1919

43.45 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Wash, 20 lks. wide, 2 ft. deep, course N. 10° E. Leave gently rolling, and enter heavily rolling land; ascend 63 ft.

Chains.

62.60 over E. slope, to
 79.80 Low spur, slopes SE.
 The cor. of secs. 4, 5, 8 and 9.
 Land, east half, gently rolling; west half, heavily rolling.
 Soil, sandy, 2nd rate on E. half, and rocky granite forma-
 tion, 4th rate on W. half.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, scattering greasewood, and cholla and sahuaro
 cactus.

40.00 N. 0° 14' E., on random line, bet. secs. 4 and 5.
 80.24 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the N. bdy. of the Tp., 21 lks. E. of the cor. of
 secs. 4, 5, 32 and 33, hereinbefore described.
 Thence,
 S. 0° 5' W., on true line, bet. secs. 4 and 5.
 Over gently rolling land, thru. scattering timber and
 dense undergrowth.
 1.75 Wash, 200 lks. wide, 2 ft. deep, course S. 80° W.
 8.44 Wash, 100 lks. wide, 2 ft. deep, course N. 80° W. Leave
 gently rolling and enter heavily rolling land.
 Ascend 296 ft., over NE. slope, to
 19.50 Change to rolling and broken E. slope.
 37.10 Point of spur, slopes E.; descend 65 ft., over SE. slope, to
 40.24 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S 5 | S 4
 1919

40.89 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 45.90 Descend 17 ft., over SE. slope, to
 57.06 Ascend 20 ft., over NE. slope, to
 69.50 Low spur, slopes S. 60° E.; descend 162 ft., over SE. slope.
 80.24 Drain, course S. 70° W.; ascend 110 ft., over NE. slope.
 Spur, slopes E.; descend 120 ft., over SE. slope, to
 The cor. of secs. 4, 5, 8 and 9.
 Land, heavily rolling and broken.
 Soil, rocky, granite formation, 4th rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, dense greasewood, catclaw, and cholla and
 sahuaro cactus.

8.00 From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the
 12.60 Tp., described in Book "A,"
 18.30 N. 0° 3' W., bet. secs. 31 and 32.
 21.30 Over gently rolling land, thru. scattering timber and
 39.70 dense undergrowth.
 40.00 Wash, 10 lks. wide, 2 ft. deep, course NW.
 Wash, 20 lks. wide, 6 ft. deep, course N. 50° W.
 Wash, 30 lks. wide, 6 ft. deep, course N. 60° W.
 Wash, 20 lks. wide, 6 ft. deep, course N. 70° W.
 Wash, 15 lks. wide, 2 ft. deep, course N. 60° W.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S 31 | S 32
 1919

from which,
 A palo verde, 4 ins. in diam., brs. N. 84 $\frac{1}{2}$ ° W., 17 lks.
 dist., marked $\frac{1}{4}$ S 31 BT.
 An ironwood, 6 ins. in diam., brs. S. 25 $\frac{1}{4}$ ° E., 41 lks.
 dist., marked $\frac{1}{4}$ S 32 BT.

34 Subdivision lines of Township 9 South, Range 12 East.

Chains.

- 41.60 Wash, 25 lks. wide, 3 ft. deep, course N. 80° W.
 46.50 Wash, 15 lks. wide, 2 ft. deep, course N. 70° W.
 68.50 Wash, 10 lks. wide, 1 ft. deep, course W.
 76.50 Wash, 10 lks. wide, 1 ft. deep, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked

T9S	R12E
S30	S29
S31	S32

1919

from which,

A mesquite, 4 ins. in diam., brs. N. 7½° E., 104 lks. dist., marked T9S R12E S29BT.

No other trees available; dig pits, 18x18x12 ins. in each sec. 5½ ft. dist.

Land, gently rolling.

Soil, sandy and coarse decomposed granite, 3rd rate.

Timber, scattering small palo verde, ironwood and mesquite.

Undergrowth, dense catclaw, greasewood, ocotilla, sage brush and sahuaro and cholla cactus.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence,

N. 89° 59' W., on a true line, bet. secs. 29 and 32.

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

17.00 Wash, 10 lks. wide, 1 ft. deep, course N. 60° W.

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

36.50 Dim road, brs. N. and S.

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

¼	S 29
	S 32

1919

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

50.00 Drain, course NW.

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

Land, gently rolling.

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

Timber, scattering small ironwood, mesquite and palo verde.

Undergrowth, dense ocotilla, greasewood and cholla and sahuaro cactus.

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

40.00 Set a temp. ¼ sec. cor.

98.64 Intersect the W. bdy. of the Tp., 6 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "C."

Thence,

N. 89° 58' E., on true line, bet. secs. 30 and 31.

Over nearly level land, thru. scattering timber and dense undergrowth.

21.64 Wash, 15 lks. wide, 2 ft. deep, course S. 80° W.

22.75 Dim road, brs. N. 30° W. and S. 30° E.

29.74 Band in same wash, 15 lks. wide, 2 ft. deep, course N. 85° W. from N. 80° E.

55.64 Enter wash, 20 lks. wide, 1 ft. deep, course S. 70° W. from E.; thence along wash.

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

¼	S 30
	S 31

1919

Subdivision lines of Township 9 South, Range 12 East. 35

Chains.

from which,
A palo verde, 4 ins. in diam., brs. S. 54° E., 36 lks. dist., marked 1/4 S 31 BT.
A palo verde, 4 ins. in diam., brs. N. 59 1/2° W., 67 lks. dist., marked 1/4 S 30 BT.

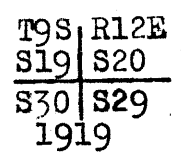
84.14 Continue along wash, course W.
92.64 Leave wash, course W. from SE.
98.64 Same wash, 20 lks. wide, 1 ft. deep, course S. 85° W.
The cor. of secs. 29, 30, 31 and 32.
Land, nearly level.
Soil, sandy and coarse decomposed granite, 3rd rate.
Timber, scattering small palo verde, ironwood and mesquite.
Undergrowth, dense greasewood, catclaw, sahuaro and cholla cactus, ocotilla and sage brush.

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

2.20 Wash, 20 lks. wide, 1 ft. deep, course W.
8.40 Wash, 40 lks. wide, 1 ft. deep, course W.
16.00 Wash, 40 lks. wide, 1 ft. deep, course S. 50° W.
25.00 Wash, 10 lks. wide, 1 ft. deep, course W.
30.00 Wash, 15 lks. wide, 1 ft. deep, course S. 80° W.
32.00 Wash, 15 lks. wide, 1 ft. deep, course W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



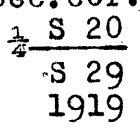
42.10 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,
58.10 Wash, 10 lks. wide, 1 ft. deep, course W.
59.50 Road, brs. N. 70° E. and S. 70° W.
70.00 Wire fence, brs. E. and W.
79.95 Wash, 10 lks. wide, 1 ft. deep, course W.
80.00 Head of drain, course S. 80° W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked



Dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist.
Land, nearly level.
Soil, sandy, 2nd rate.
Timber, scattering small ironwood, mesquite, and ironwood.
Undergrowth, dense ocotilla, greasewood and sahuaro, and cholla cactus.

40.00 S. 89° 59' E., on random line, bet. secs. 20 and 29.
79.97 Set temp. 1/4 sec. cor.
Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,
West, on true line, bet. secs. 20 and 29.
Over gently rolling land, thru. scattering timber and dense undergrowth.
22.50 Wash, 50 lks. wide, 2 ft. deep, course N. 60° W.
23.10 Road brs. N. and S.
39.98 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



36 Subdivision lines of Township 9 South, Range 12 East.

Chains.

60.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 73.50 Wash, 10 lks. wide, 1 ft. deep, course S. 80° W.
 75.80 Same wash, 30 lks. wide, 1 ft. deep, course N. 70° W.
 79.97 A 4 wire fence, brs. N. 10° E. and S. 10° W.
 The cor. of secs. 19, 20, 29 and 30.
 Land, gently rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, dense greasewood, catclaw, ocotilla and cholla cactus.

40.00 S. 89° 58' W., on random line, bet. secs. 19 and 30.
 98.47 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the W. bdy. of the Tp., 11 lks. S. of the cor. of
 secs. 19, 24, 25 and 30, described in Book "C."
 Thence,
 S. 89° 58' E., on a true line, bet. secs. 19 and 30.
 Over gently rolling land, thru. scattering timber and
 dense undergrowth.
 .90 Wash, 20 lks. wide, 1 ft. deep, course S. 40° W.
 36.07 Drain, course S. 70° W.
 43.47 Same drain, course N. 70° W.
 58.47 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked.

$\frac{1}{4}$ S 19
 S 30
 1919

61.47 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 73.47 Same drain, course S. 70° W.
 98.47 Wash, 30 lks. wide, 1 ft. deep, course SW.
 The cor. of secs. 19, 20, 29 and 30:
 Land, nearly level.
 Soil, sandy, 2nd rate.
 Timber, scattering small ironwood, mesquite and palo verde.
 Undergrowth, dense greasewood and sahuaro and cholla cactus.

N. 0° 3' W., bet. secs. 19 and 20.
 Over gently rolling, thru. scattering timber and under-
 growth.
 2.30 Wash, 30 lks. wide, 1 ft. deep, course N. 70° W.
 5.50 Wash, 20 lks. wide, 1 ft. deep, course W.
 23.50 Wash, 80 lks. wide, 2 ft. deep, course N. 40° W.
 27.50 Wash, 20 lks. wide, 1 ft. deep, course N. 70° W.
 34.40 Wash, 100 lks. wide, 2 ft. deep, course W.
 37.90 Enter wash at left bank thereof, brs. E. and W.; thence across
 wash, course W.
 40.00 True point for $\frac{1}{4}$ sec. cor. falls in wash; therefore, at a
 point 50 lks. N. 0° 3' W. establish witness cor., as here-
 inafter described.
 40.25 Leave wash at right bank thereof, brs. E. and W.
 40.50 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap,
 marked

$\frac{1}{4}$
 S19 | S20
 W | C
 1919

48.69 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 70.00 Wash, 10 lks. wide, 1 ft. deep, course SW.
 80.00 Dim road brs. E. and W.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for cor. of secs. 17, 18, 19 and 20, with brass
 cap, marked

Subdivision lines of Township 9 South, Range 12 East.

37

Chains.

T9S R12E
 S18 S17
 S19 S20
 1919

Dig pits, 18x18x12 ins., in each sec. 5½ ft. dist.
 Land, gently rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering small mesquite, ironwood and palo verde.
 Undergrowth, greasewood, ocotilla and cholla and sahuaro cactus.

40.00 East, on random line, bet. secs. 17 and 20.
 Set temp. ¼ sec. cor.
 79.98 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 Thence,
 N. 89° 57' W., on true line, bet. secs. 17 and 20.
 Over gently rolling land, thru. scattering timber and undergrowth.
 30.00 Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.
 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ S 17
 S 20
 1919

44.80 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 70.00 Old road, brs. N. 20° W. and S. 20° E.
 70.40 Clemmens' windmill, brs. N. 7° 30' E.
 79.98 A 4-wire fence, brs. N. 10° E. and S. 10° W.
 The cor. of secs. 17, 18, 19 and 20.
 Land, gently rolling.
 Soil, sandy, 3rd rate.
 Timber, small palo verde and mesquite.
 Undergrowth, scattering sage brush, greasewood, sahuaro and cholla cactus.

40.00 N. 89° 58' W., on random line, bet. secs. 18 and 19.
 Set temp. ¼ sec. cor.
 98.36 Intersect the W bdy. of the Tp., 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, described in Book "C."
 Thence,
 East, on a true line, bet. secs. 18 and 19.
 Over gently rolling land, thru. scattering timber and medium undergrowth.
 57.50 Bend in wash, 10 lks. wide, 1 ft. deep, course SW. from SE.
 58.36 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ S 18
 S 19
 1919

66.46 Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.
 Enter same wash, 10 lks. wide, 1 ft. deep, course SW, from E.
 Thence along said wash.
 80.06 Leave same wash, 10 lks. wide, 1 ft. deep, course W. from NE.
 98.36 The cor. of secs. 17, 18, 19 and 20.
 Land, gently rolling.
 Soil, sandy loam, 2nd rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, medium sage brush, greasewood, sahuaro and cholla cactus.

38 Subdivision lines of Township 9 South, Range 12 East.

Chains.	<p>N.0°3'W., bet. secs.17 and 18. Over rolling land, thru. scattering timber and dense undergrowth.</p> <p>7.60 Wash, 20 lks. wide, 1 ft. deep, course W. Ascend gradually over rolling W. slope, to</p> <p>15.00 Foot of hill; ascend 100 ft. over SW. slope.</p> <p>22.72 Top of knoll; descend 130 ft., over N. slope.</p> <p>22.80 Clemmens' windmill brs. N.45°8'E.</p> <p>25.02 A 4 wire fence, brs. E. and W.</p> <p>32.57 Center of wash, 6 chs. wide, 2 ft. deep, course W.</p> <p>38.07 A 4-wire fence brs. S.80°E. and N.80° W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \hline \text{S18} \mid \text{S17} \\ \hline 1919 \end{array}$ </div> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.</p> <p>40.40 Road, brs. E. and W.</p> <p>45.60 Road brs. N.60°W. and S.60°E.</p> <p>46.60 A wire fence, brs. N.60°W. and S.60°E.</p> <p>55.00 Old road, brs. S.30°E. and N.30°W.</p> <p>67.00 Wire fence, brs. E. and W.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked</p> <div style="text-align: center;"> $\begin{array}{c} \text{T9S} \mid \text{R12E} \\ \hline \text{S 7} \mid \text{S 8} \\ \hline \text{S18} \mid \text{S17} \\ \hline 1919 \end{array}$ </div> <p>Dig pits, 18x18x12 ins., in each sec. 5$\frac{1}{2}$ ft. dist. Land, rolling. Soil, sandy and rocky formation, 3rd and 4th rate. Timber, scattering small mesquite, palo verde and iron-wood. Undergrowth, dense greasewood, sage brush and cholla cactus.</p> <hr style="border-top: 1px dashed black;"/> <p>S.89° 57' E., on random line, bet. secs. 8 and 17.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.03 Intersect the cor. of secs. 8, 9, 16 and 17. Thence, N.89°57'W., on a true line, bet. secs. 8 and 17. Over rolling land, thru. scattering timber and undergrowth.</p> <p>14.00 Wash, 40 lks. wide, 2 ft. deep, course S.20°W.</p> <p>25.40 Ascend 335 ft., over SE. slope.</p> <p>40.01$\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \quad \text{S 8} \\ \hline \text{S 17} \\ \hline 1919 \end{array}$ </div> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.</p> <p>47.61 Spur, slopes S.; descend 60 ft., over SW. slope.</p> <p>50.48 Head of drain, course S.; ascend 80 ft., over SE. slope.</p> <p>55.17 Spur, slopes S.20°W.; descend 315 ft., over W. slope, to</p> <p>80.03 The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, rocky, granite formation, 4th rate. Timber, small mesquite and palo verde. Undergrowth, dense catclaw and cholla cactus.</p> <hr style="border-top: 1px dashed black;"/> <p>West, on random line, bet. secs. 7 and 18.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p>
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Chains.

98.15 Intersect the W.bdy.of the Tp., 9 lks.N.of the cor.of secs.
7,12,13 and 18, described in Book "C."
Thence,
N.89°57'E., on true line, bet.secs.7 and 18.
Over nearly level land, thru.scattering timber and under-
growth.
23.15 Wash, 10 lks.wide, 2 ft.deep, course N.50°W.
43.15 Drain, course N.60°W.
50.15 Road brs.NW. and SE.
58.15 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked

$$\begin{array}{c} \frac{1}{4} \text{ S } 7 \\ \text{S } 18 \\ 1919 \end{array}$$

90.65 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
98.15 Old dim road brs. N.10°W. and S.30°E.
The cor. of secs. 7, 8, 17 and 18.
Land, nearly level.
Soil, sandy loam, 2nd rate.
Timber, scattering small ironwood and palo verde.
Undergrowth, scattering greasewood, sage brush and cholla
cactus.

N.0°3' W., bet. secs. 7 and 8.
Over gently rolling land, thru. scattering timber and
dense undergrowth.
36.50 Wash, 10 lks.wide, 1 ft. deep, course 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., with brass cap, marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 7 \text{ S } 8 \\ 1919 \end{array}$$

62.10 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
80.00 Wash, 20 lks.wide, 1 $\frac{1}{2}$ ft. deep, course W.
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 5, 6, 7 and 8, with brass
cap, marked

$$\begin{array}{c} \text{T9S} \text{ R12E} \\ \text{S } 6 \text{ S } 5 \\ \text{S } 7 \text{ S } 8 \\ 1919 \end{array}$$

Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy, 2nd and 3rd rate.
Undergrowth, dense greasewood, sage brush and cholla
cactus.
Timber, scattering small palo verde and ironwood.

40.00 S.89°57'E., on random line, bet.secs.5 and 8.
Set temp. $\frac{1}{4}$ sec.cor.
80.07 Intersect the N. and S. line, 2 lks.N.of the cor.of secs.
4,5,8 and 9.

Thence,
N.89°56'W., on true line, bet.secs.5 and 8.
Over mountainous land, thru.scattering timber and dense
undergrowth.
Ascend 202 ft., over E. slope.
11.19 Spur, slopes N.50°E.; descend 330 ft., over NW.slope, to
40.03 $\frac{1}{2}$ Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked

40 Subdivision lines of Township 9 South, Range 12 East.

Chains.

$\frac{1}{4}$ S 5
S 8
1919

41.00 Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.
Leave mountainous land, and enter rolling land.
66.00 Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
80.07 Wash, 15 lks. wide, 1 ft. deep, course S. 30° W.
The cor. of secs. 5, 6, 7 and 8.
Land, rolling and mountainous.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, dense greasewood, catclaw and cholla cactus.

40.00 S. 89° 57' W., on random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
98.05 Intersect the W. bdy. of the Tp., 3 lks. N. of the cor. of
secs. 1, 6, 7 and 12, described in Book "C."
Thence,
N. 89° 56' E., on true line, bet. secs. 6 and 7.
Over rolling land, thru. scattering timber and dense under-
growth.
14.55 Wash, 20 lks. wide, 2 ft. deep, course N. 80° W.
18.05 Same wash, 20 lks. wide, 2 ft. deep, course S. 85° W.
31.05 Part of main wash, 200 lks. wide, 1 ft. deep, course SW.
37.25 Right bank of main wash, course S. 70° W.
43.55 Left bank of main wash, course S. 70° W.
53.05 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
58.05 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 6
S 7
1919

98.05 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
The cor. of secs. 5, 6, 7 and 8.
Land, gently rolling.
Soil, sandy, 2nd and 3rd rate.
Timber, scattering small palo verde and ironwood.
Undergrowth, dense greasewood, sage brush and cholla cactus.

40.00 N. 0° 5' E., on random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect the N. bdy. of the Tp., 11 lks. W. of the cor. of
secs. 5, 6, 31 and 32, hereinbefore described.
Thence;
S. 0° 10' W., on true line, bet. secs. 5 and 6.
Over rolling land, thru. scattering timber and dense un-
dergrowth.
32.84 Right bank of low bottom land, brs. S. 60° W. and N. 60° E.
40.04 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S 6 | S 5
1919

42.94 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Center of North channel of wash, 400 lks. wide, 1 ft. deep,
course S. 60° W.
49.00 Center of south channel of same wash, 600 lks. wide, 2 ft.
deep, course S. 60° W.
65.90 Left bank of low bottom land, brs. NE. and SW.
80.04 The cor. of secs. 5, 6, 7 and 8.
Land, rolling.
Soil, sandy, 2nd and 3rd rate.
Timber, scattering small palo verde and ironwood.
Undergrowth, dense greasewood, sage brush and cholla cactus.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests as described in Book "E".

GENERAL DESCRIPTION.

The township is gently rolling land, with the exception of three hilly ranges scattered about the township, which range from 150 to 350 ft. high. The approximate elevation is 2000 feet above sea level.

The soil is a sandy loam, 2nd and 3rd rate on the rolling land, and a coarse rocky granite formation, 4th rate, on the hilly land.

The timber is palo verde, mesquite and ironwood, from 4 to 12 ins. diam., and scattering; and the undergrowth, is greasewood, catclaw, ocotilla, sage brush and sahuaro, club and cholla cactus.

There is an old mining shaft in sec.15, a mining shaft and bunk house belonging to the Tortillita Mining Company in sec.26; also, the ruins of several stone houses and an old prospect in sec.36, being in the Owl Head Mining District.

There is a house in sec.1, and a house, corral and windmill in sec.17. The houses are vacant at present.

The township is poorly watered, one well in sec.17. Several old wagon roads traverse the township, and the State Highway thru. secs.1,2, and 12.

FIELD ASSISTANTS. *to*

Horace M. Muscott, U.S. Transitman.

NAMES.	CAPACITY.
<i>Ben Mollette</i>	<i>1st Chairman</i>
<i>Frank W. Owen</i>	<i>2nd Chairman</i>
<i>LeRoy E. Middleton</i>	<i>Cornerman</i>
<i>Peter Wilchinsky</i>	<i>Axeman</i>
<i>James Maher</i>	<i>Axeman</i>
<i>Edward F. Stanley</i>	<i>Flagman</i>

BOOK 44 3430

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Horace M. Muscott, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 81, Arizona bearing date of the 6th day of February, 1918, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the West boundary of T. 9 S., R. 13 E., resurveyed all those parts or portions of the West boundary of T. 9 S., R. 13 E. and surveyed all those parts or portions of the Subdivision lines of Township 9 South - Range 12 East of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said retracement, resurvey and survey ~~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 81, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.

Date February 12, 1921
Place Sec 20 T12NR20E S3B4M

Horace M. Muscott
U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

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

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

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

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

BOOK 3460

4-680

FIELD ASSISTANTS. to

William H. Thorn - U.S. Cadastral Engineer.

NAMES.	CAPACITY.
<i>Will D. Wilson</i>	<i>1st Chainman</i>
<i>Paul W. Byrd</i>	<i>2nd Chainman</i>
<i>Manfred Owen</i>	<i>Cornerman</i>
<i>Ramous Foerster</i>	<i>Axeman</i>
<i>Jack Elliott</i>	<i>Axeman</i>
<i>James E. Wilson</i>	<i>Flagman</i>

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 81, Arizona bearing date of the 6th day of February, 1918, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the North boundary and Subdivision lines of Township 9 South, Range 12 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof 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 81, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Date May 16 1921
Place T2S R29E GSR B+M

William H. Thorn
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. May 23, 1921.

The foregoing field notes of the retracement of the South half of the West bdy. of Tp. 9 S., R. 13 E., of the resurvey of the North half of the West bdy. of Tp. 9 S., R. 13 E. and of the survey of the North boundary and Subdivision lines of Township 9 South, Range 12 East of the Gila and Salt River Base and Meridian in the State of Arizona

executed by William H. Thorn, U.S. Cadastral Engineer and Horace M. Muscott, U.S. Transitman

under his special instructions dated Feb. 6, 1918 for Group 81, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys retracements, resurveys and surveys they describe, are hereby approved.

Frank P. Frost
U. S. Surveyor General.

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