

4-679
(April 1933)

BOOK 4158

FIELD NOTES

OF THE SURVEY OF

WEST BOUNDARY

EAST BOUNDARY and

SUBDIVISION LINES

of

FRAC. TOWNSHIP 42 NORTH, RANGE 8 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, Surveyor

Elliott Pearson, Transitman (P.W.)

supplemental
Under special instructions dated March 27, 1936, which provided
for the surveys included under Group No. 181, Arizona, bearing the approval of the
Commissioner of the General Land Office under date of July 24, 1936
and assignment instructions dated November 9, 1936

Survey commenced March 2, 1937

Survey completed March 23, 1937

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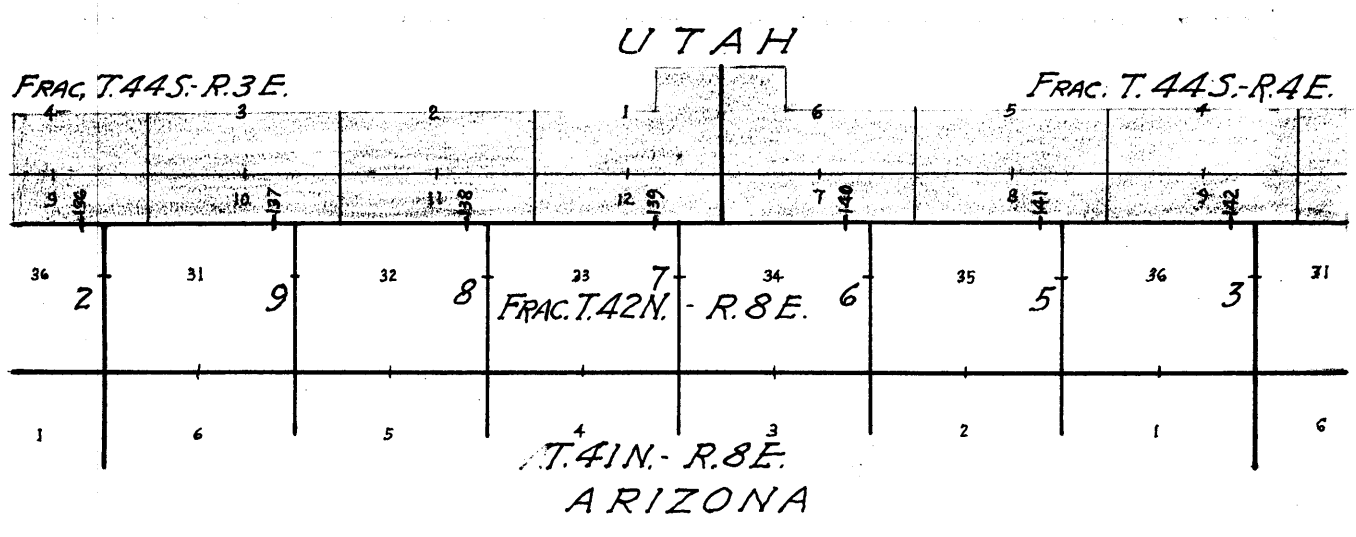
INDEX DIAGRAM.

Township _____, Range _____

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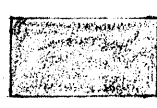
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~INDEX-DIAGRAM~



— Lines of accepted surveys.

— Lines surveyed under this group.

 Areas surveyed as per accepted plats on file (Utah)

The surveys hereinafter described were executed by Benjamin J. Kinsey, Surveyor, and Elliott Pearson, Transitman (P.W.), using Buff Transit No. 18,000 and Young and Sons Transit No. 8570. The instruments are equipped with Smith solar attachments, and otherwise conform to the standard requirements of the General Land Office.

PRELIMINARY FIELD TESTS OF
BUFF TRANSIT NO. 18,000 AND
YOUNG & SONS TRANSIT NO. 8570

by
BENJAMIN J. KINSEY, SURVEYOR.

Feb. 27, 1937: at station near the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, Ts. 41 N., Rs. 7 and 8 E., G. & S.R.B. & M., Arizona, in latitude $36^{\circ}57'N.$, and longitude $111^{\circ}34'53''W.$, as determined from data accompanying Special Instructions, examine the adjustments of the instruments and find no errors; then to test the workings of the solar attachments with a true meridian determined from observation on Polaris, proceed as follows:

Feb. 27, 1937: at 9h.09m., p.m., l.m.t., using Buff Transit No. 18,000, observe Polaris at western elongation, making four observations; two each with telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg, driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation: $1^{\circ}17'$.

Feb. 28, 1937: lay off azimuth of Polaris, $1^{\circ}17'$ to the east, and mark the meridian thus determined by a tack set in top of a peg, driven firmly in the ground, about 5 chs. N.

At 9h.00m., a.m., app.t., set off $36^{\circ}57'N.$ on the lat. arcs; $7^{\circ}55'S.$ on the decl. arcs; and determine meridians with the solars; both of which agree with the true meridian.

At app. noon, with the lat. arcs unchanged; observe the sun on the meridian; the resultant readings of the decl. arcs are both $7^{\circ}52\frac{1}{2}'S.$, which agree with the computed declination of the sun.

At 3h.00m., p.m., app.t., with the lat. arcs unchanged; set off $7^{\circ}49'S.$ on the decl. arcs; and determine meridians with the solars both of which agree with the true meridian.

As all of the observations, made with both instruments, during the usual hours of solar work, agree within 1' of the true meridian, conclude that the adjustments of the instruments are in satisfactory condition.

Unless otherwise specified, all measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin standard and found correct.

The measurements are made on the slope, the vertical angles determined with clinometer and the slope distances properly reduced to horizontal values for entry in the field notes.

Chains

From the cor. of Ts. 41 and 42 N., Rs. 7 and 8 E., which is a brass-capped iron post, 3 ins. in diam., established under this group as described in the field notes of survey of T. 41 N., R. 8 E.

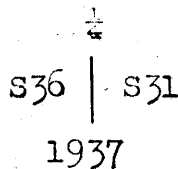
North, bet. secs. 31 and 36.

Over gently rolling sandy land, thru scattering low undergrowth.

Desc. gradually over NW. and W. slopes to

25.00 Low sandy spur, slopes NW. Desc. gradually over N. and NW. slopes 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



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

Continue over gently rolling sandy land, thru scattering low undergrowth.

Desc. gradually over NW. slope to

60.98 Intersect the State boundary line between Utah and Arizona, at a point 8.92 chs. N. 89°50'E. from the 136 mile monument thereon, which is an iron post, 2 ins. in diam., firmly set, projecting 30 ins. above ground, with brass cap marked and witnessed as described in the official record.

At point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in the ground, for closing cor. of Frac. Ts. 42 N., Rs. 7 and 8 E., with brass cap marked



1937

24x24x12 ins., E., W. and S. of post, 3 ft. dist. dig pits

From this cor.;

SE. edge of High Rock, bears S. 44 $\frac{1}{2}$ °W., about 1 mile dist.

A rocky pinnacle, bears N. 16 $\frac{1}{4}$ °E., about 12 miles dist.
Highest point on NE. end of rock salient, bears N. 23° 20'W.

Land, gently rolling.
Soil, sandy, 4th rate.
Timber, none.

Undergrowth, native weeds, sage, grease brush, black weed and cacti.

SURVEY: EAST BDY. OF FRAC. T. 42 N., R. 8 E.

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3.

Chains

From the cor. of Ts. 41 and 42 N., Rs. 8 and 9 E., which is a brass-capped iron post, 3 ins. in diam., established under this group as described in the field notes of survey of T. 41 N., R. 8 E.

North, bet. secs. 31 and 36.

Over rolling land, thru scattering low undergrowth.

Desc. 10 ft. over NW. slope.

- 2.00 Wash, 30 lks. wide, course SW.; asc. 82 ft. over S. slope.
- 10.45 Point of spur, slopes SW.; desc. 59 ft. over NW. slope.
- 17.00 Wash, 10 lks. wide, course W.; asc. 79 ft. over SW. slope.
- 21.90 S. edge of top of spur bears E. and W. Thence across nearly level top of spur, sloping W.; point of same is about 3 chs. W. where it breaks off into Wahweap Creek Canyon.
- 27.20 N. edge of top of spur, bears NE. and SW. Leave top of spur. Reenter rolling land. Desc. 45 ft. over NW. slope.
- 31.25 Wash, 10 lks. wide, course W. near head; asc. 30 ft. over SW. slope.
- 33.90 S. edge of top of spur, bears NW. and SE. Thence across nearly level top of spur, sloping NW. from E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 8x6x4 ins., marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S36 | S31
1937

Continue across nearly level top of spur.

- 42.00 N. edge of top of spur, bears NE. and W. Leave top of spur, and reenter rolling land. Desc. 52 ft. over NW. slope.
- 50.35 Wash, 30 lks. wide, course W.; asc. 40 ft. over SW. slope.
- 55.50 S. edge of top of spur, bears E. and W. Thence over nearly level top of spur, sloping W.
- 58.50 N. edge of top of spur, bears NE. and W. Leave top of spur. Desc. gradually over NW. slope to
- 61.44 Intersect the State boundary line between Utah and Arizona, at a point 10.42 chs. East from the 142 mile monument thereon, which is a stone 24x12x10 ins. above ground, firmly set, marked and witnessed as described in the official record.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in the ground to bedrock, with a stone 8x6x4 ins., marked with a cross (+) deposited at base, and in a mound of stone to top, for closing cor. of Frac. Ts. 42 N., Rs. 8 and 9 E., with brass cap marked

SURVEY: EAST BDY. OF FRAC. T. 42 N., R. 8 E.

4.

Chains

UTAH	
S36	S31
R8E	R9E
T42N	
CC	

1937

Land, rolling and nearly level.

Soil, sandy, 4th rate.

Timber, none.

Undergrowth, native weeds, sage, grease brush and cacti.

SURVEY: SUBDIVISION OF FRAC. T. 42 N., R. 8 E.

BOOK 4178 5.

Chains

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is a brass-capped iron post, 2 ins. in diam., established under this group as described in the field notes of survey of T. 41 N., R. 8 E.

N. 0°01'W., bet. secs. 35 and 36.

Over gently rolling sandy land, thru scattering low undergrowth.

Desc. 8 ft. over NE. slope.

0.70 Shallow wash, 10 lks. wide, course E. near head,; asc. 36 ft. over SE. slope.

10.50 Point of flat-topped spur, sloping E. from SW.; desc. 160 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

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

1937

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

From cor.,

Castle Rock, bears N. 60°20'E.
 South end of Table Mt., bears S. 46°06'E.
 Thumb and Finger Rock, bears N. 4°58'W.

Continue over gently rolling sandy land, thru scattering low undergrowth.

Desc. 31 ft. over NE. slope to

61.38 Intersect the State boundary line between Utah and Arizona at a point 8.19 chs. N. 89°58'E. from the 141 mile monument thereon, which is an iron post, 2 ins. in diam., projecting 3 ft. above ground, firmly set in a mound of stone, with brass cap marked and witnessed as described in the official record.

At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for closing cor. of secs. 35 and 36, with brass cap marked

UTAH
 S35 | S36
 T42N | R8E
 CC

1937

24x24x12 ins., E. W. and S. of post, 3 ft. dist. dig pits

From cor.,

Castle Rock, bears N. 66°10'E.
 Natural Bridge, bears N. 1°14'W.
 Thumb and Finger Rock, bears N. 5°5'W.

Land, gently rolling.

Soil, sandy and sandstone formation, 4th rate.

Timber, none.

Undergrowth, native weeds, sage, grease brush and cacti.

6.

Chains	
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp. which is a brass-capped iron post, 2 ins. in diam., established under this group as described in the field notes of survey of T. 41 N., R. 8 E.
	N. 0°01'W., bet. secs. 34 and 35.
	Over gently rolling land, thru scattering low undergrowth.
	Desc. 39 ft. over N. slope.
18.20	Wash, 10 lks. wide, course NE. near head; asc. 37 ft. over SE. slope to
25.75	White sandstone spur, slopes SE.; asc. gradually over E. slope.
30.50	Asc. 30 ft. over S. slope.
35.70	Spur, slopes E.; desc. 20 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
	$\frac{1}{4}$
	S34 S35
	1937
	dig pits
	18x18x12 ins., N. and S. of post, 3 ft. dist.
	From cor.,
	Navajo Mt., bears N. 85°44'E.
	Castle Rock, bears N. 69°02'E.
	Thumb and Finger Rock, bears N. 2°04'E.
	Continue over gently rolling land; desc. gradually over NE. slope to
59.75	Rim, bears NW. and SE.; leave gently rolling and enter mountainous land.
	Desc. 40 ft. over bare sandstone on steep NE. slope to
61.38	Intersect the State boundary line between Utah and Arizona at a point 8.30 chs. N. 89°59'E. from the 140 mile monument thereon, which is an iron post, 2 ins. in diam. projecting 2 ft. above ground and firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.
	At point of intersection,
	Set a brass cap, $3\frac{1}{2}$ ins. in diam., with stem $3\frac{1}{2}$ ins. long, in solid rock, in concrete, for closing cor. of secs. 34 and 35, marked on cap
	UTAH
	S34 S35
	T42N R8E
	CC
	1937
	raise a mound
	of stone, 4 ft. base, 2 ft. high, S. of cor.
	From cor.,
	Castle Rock, bears N. 73°28'E.
	Thumb and Finger Rock, bears N. 2°11'E.
	Natural Bridge, bears N. 24°15'E.

SURVEY: SUBDIVISION OF FRAC. T. 42 N., R. 8 E.

BOOK 418 7.

Chains

Land, gently rolling and mountainous.
Soil, sandy and broken sandstone formations, 4th rate.
Timber, none.
Undergrowth, native weeds, sage, grease brush and cacti.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of Tp. which is a brass-capped iron post, 2 ins. in diam., established under this group as described in the field notes of the survey of T. 41 N., R. 8 E.

N. 0°02'W., bet. secs. 33 and 34.

Over gently rolling and broken land, thru scattering low undergrowth.

Desc. 33 ft. over NE. slope.

23.00 Draw, course E.; asc. gradually over SE. slope.

37.50 Spur, slopes NE.; desc. 20 ft. over broken NW. 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

$\frac{1}{4}$
 S33 | S34
 1937

dig pits

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

From cor.,
Navajo Mt., bears N. 85°10'E.
Castle Rock, bears N. 73°53'E.
Thumb and Finger Rock, bears N. 9°12'E.

Continue over gently rolling land, thru scattering low undergrowth.

Desc. 16 ft. over NW. slope.

41.60 Wash, 10 lks. wide, course NE.; asc. 16 ft. over SE. slope.

43.00 Spur, slopes NE.; desc. 50 ft. over sandstone outcropping on N. slope to

53.00 Desc. gradually over sandy land on N. slope to

61.49 Intersect the State boundary line between Utah and Arizona, at a point 8.20 chs. East from the 139 mile monument thereon, which is a stone 3x24x30 ins., firmly set in a mound of stone, marked and witnessed as described in the official record.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in dian., 26 ins. in the ground, for closing cor. of secs. 33 and 34, with brass cap marked

UTAH
 S33 | S34
 T42N | R8E
 CC

1937

dig pits

24x24x12 ins., E., W. and S. of post, 3 ft. dist.

SURVEY: SUBDIVISION OF FRAC. T. 42 N., R. 8 E.

Chains

From cor.,
Navajo Mt., bears N. 86°20'E.
Thumb and Finger Rock, bears N: 9°30'E.
Red Butte, bears S. 74°W.

Land, gently rolling and broken.
Soil, sandy and rocky sandstone formation, 4th rate.
Timber, none.
Undergrowth, native weeds, sage, grease brush and cacti.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of the
Tp., which is a brass-capped iron post, 2 ins. in diam.,
established under this group as described in the field
notes of survey of T. 41 N., R. 8 E.

N. 0°03'W., bet. secs. 32 and 33.

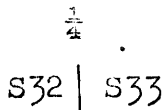
Over rolling sandy and broken land, thru scattering low
undergrowth.

Desc. 83 ft. over NW. slope.

13.45 Wash, 20 lks. wide, course NE.; asc. 91 ft. over SE. slope.

18.00 Spur, slopes NE.; desc. 55 ft. over NW. 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



1937

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

From cor.,
Red Butte, bears S. 70°35'W.
Thumb and Finger Rock, bears N. 16°26'E.
Castle Rock, bears N. 79°51'E.

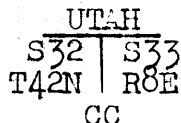
Continue over rolling land thru scattering low under-
growth.

Desc. gradually over NW. slope to closing cor.

44.60 Trail, bears NE. and SW.

61.49 Intersect the State boundary line between Utah and
Arizona at a point 8.33 chs. East from the 138 mile
monument thereon, which is an iron post, 2 ins. in
diam., projecting 3 ft. above ground, firmly set in a
mound of stone with brass cap marked and witnessed as
described in the official record.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
the ground, for closing cor. of secs. 32 and 33, with
brass cap marked



1937

24x24x12 ins., E., W. and S. of post, 3 ft. dist. dig pits

SURVEY: SUBDIVISION OF FRAC. T. 42 N., R. 8 E.

BOOK 458

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Chains

From cor.,
 Red Butte, bears S. $70^{\circ}35'W.$
 Thumb and Finger Rock, bears N. $16^{\circ}26'E.$
 Castle Rock, bears N. $79^{\circ}51'E.$

Land, rolling and broken.
 Soil, sandy and rocky, 4th rate.
 Timber, none.
 Undergrowth, native weeds, sage; grease brush and cacti.

From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of the
 Tp., which is a brass-capped iron post, 2 ins. in diam.,
 established under this group as described in the field
 notes of the survey of T. 41 N., R. 8 E.

N. $0^{\circ}03'W.$, bet. secs. 31 and 32.

Over level top of ridge, bearing NE. and SW., thru
 scattering undergrowth.

- 4.00 NW. edge of top of ridge, bears NE. and SW. Leave level
 top of ridge and enter rolling land; desc. 69 ft. over
 NW. and W. slopes to
- 19:00 Flat-topped spur slopes N. from SE.; thence along top of
 spur; descending gradually to
- 35.20 Leave top of spur, slopes NE. from S. Trail, bears NE.
 and SW.; desc. gradually over NW. 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

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

1937

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

From cor.,
 Castle Rock, bears N. $79^{\circ}03'E.$
 Thumb and Finger Rock, bears N. $22^{\circ}18'E.$
 Red Butte, bears S. $71^{\circ}W.$

Continue over rolling sandy land; thru scattering low
 undergrowth.

Desc. 25 ft. over NW. slope.

- 46.60 Wash, 30 lks. wide, course NE.; asc. 43 ft. over SE.
 slope to

- 61.31 Intersect the State boundary line between Utah and
 Arizona at a point 8.21 chs. N. $89^{\circ}54'E.$, from the 137
 mile monument thereon, which is an iron post, 2 ins. in
 diam., projecting 3 ft. above ground, firmly set in a
 mound of stone with brass cap marked and witnessed as
 described in the official record.

At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for closing cor. of secs. 31 and 32, with
 brass cap marked

Chains

UTAH	
S31	S32
T42N	R8E
CC	

1937

24x24x12 ins., E., W. and S. of post, 3 ft. dist. dig pits

From cor.,

S. end of Table Mt., bears S. 54°40'E.

Castle Rock, bears N. 81°31'E.

Thumb and Finger Rock, bears N. 23°E.

Land, level and rolling.

Soil, sandy and rocky, 4th rate.

Timber, none.

Undergrowth, native weeds, sage, grease brush and cacti.

GENERAL DESCRIPTION.

This fractional Arizona township adjoining the South bdy. of Utah, is on a plateau with an average elevation of about 4000 feet above sea level, except in secs. 35 and 36 where the surface breaks off abruptly into Wahweap Creek Canyon, about 500 ft. deep. The surface on the plateau is mostly gently rolling, with low sandy ridges and spurs. The surface in secs. 35 and 36 in and near the Wahweap Creek Canyon is rolling, broken and mountainous. Wahweap Creek has its source in Utah, and to the north of this fractional township flows southeasterly, turning on the N. bdy. of sec. 36, thence southerly about 3 miles to its junction with the Colorado River. With the exception of the eastern part of sec. 36, which forms the left or east wall of the Wahweap Creek Canyon, all of this township drains northeasterly into Wahweap Creek.

The soil on the plateau is sandy, 4th rate, with many sandstone outcroppings bare of soil. In, and in close proximity to the canyon, the soil is rocky and sandstone formations, 4th rate.

There is no timber on the plateau, and the only timber in this township consists of a very scattering growth of hackberry trees along the Wahweap Creek, in the bottom of the canyon.

The greater part of the area of the township has a scattering growth of native weeds, sagebrush, greasebrush, blackbrush, and cacti, all low in height.

There are no springs and the only permanent flowing water is a shallow muddy stream in Wahweap Creek.

There are no settlers, improvements or roads.

A trail, bearing NE. and SW., from Lees Ferry, Arizona, to Warm Creek Cabin, Utah, crosses sec. 35, and another trail, same bearing, crosses sec. 32 and NW. part of sec. 33.

There is no evidence of valuable mineral deposits, and the land is only suitable for a fair quality of grazing, which is the purpose for which it is now being utilized.

Chains

The continued satisfactory adjustment of the instruments used in the execution of the surveys described in the foregoing field notes is evidenced by preliminary test of Young and Sons transit No. 8570 in field notes of survey of part of T. 42 N., R. 9 E., and by the final test of Buff transit No. 18,000 in field notes of survey of part of T. 41 N., R. 8 E., both of which townships were fractionally surveyed under this group.

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CERTIFICATE OF UNITED STATES SURVEYOR

I, Elliott Pearson, Transitman (P.W.), hereby certify upon honor that, in pursuance supplemental of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, 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

Subdivision Lines of

Frac. Township 42 North, Range 8 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

**Fredonia, Arizona
January 4, 1938**

Elliott Pearson
Transitman. (P.W.)

APPROVAL

~~Office of U. S. Supervisor of Surveys,~~

....., 19.....

~~The foregoing field notes of the survey of~~

~~executed by~~
~~under his special instructions dated~~ 19....., ~~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. Supervisor of Surveys.~~

~~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. Supervisor of Surveys.~~

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BOOK 4158

4-680
(August, 1926)

FIELD ASSISTANTS.
to

Benjamin J. Kinsey, Surveyor

NAMES.	CAPACITY.
Clair Pearson	Prin. Assistant
Charles F. Bobo, Jr.	Chainman
Francis Nichols	Cornerman
J.D.Harris	Cornerman- Flagman

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BOOK 4

CERTIFICATE OF UNITED STATES SURVEYOR

I, Benjamin J. Kinsey, Surveyor, hereby certify upon honor that, in pursuance supplemental of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, 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

West Boundary and

East Boundary of

Frac. Township 42 North, Range 8 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Feb. 15, 1938. Phoenix, Arizona

Benjamin J. Kinsey, Surveyor.

APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS, Denver, Colorado, June 29, 1938

The foregoing field notes of the survey of West Boundary East Boundary and Subdivision Lines of

Frac. Township 42 North, Range 8 East

of the Gila and Salt River Meridian, in the State of Arizona (P.W.) executed by Benjamin J. Kinsey, Surveyor and Elliott Pearson, Transitman/ supplemental under special instructions dated March 27, 1936 for Group 181, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Elliott Pearson, Supervisor of Surveys.

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. Supervisor of Surveys.