

4-679  
(April 1933)

BOOK 4124

# FIELD NOTES

of the RE-SURVEY and SURVEY of

the G. & S.R. MERIDIAN thru FRAC. T. 42 N.

and

of the SURVEY of the

SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 42 NORTH, RANGE 1 EAST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

## EXECUTED BY

Bert E. Wakeman, U. S. Transitman

Under special instructions dated July 30, 1936, which provided for the surveys included under Group No. 207, bearing the approval of the Commissioner of the General Land Office under date of August 12, 1936 and assignment instructions dated August 12, 1936

Survey commenced September 24, 1936

Survey completed September 30, 1936

4124

4124

# INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

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

Book "C" 4124

1A

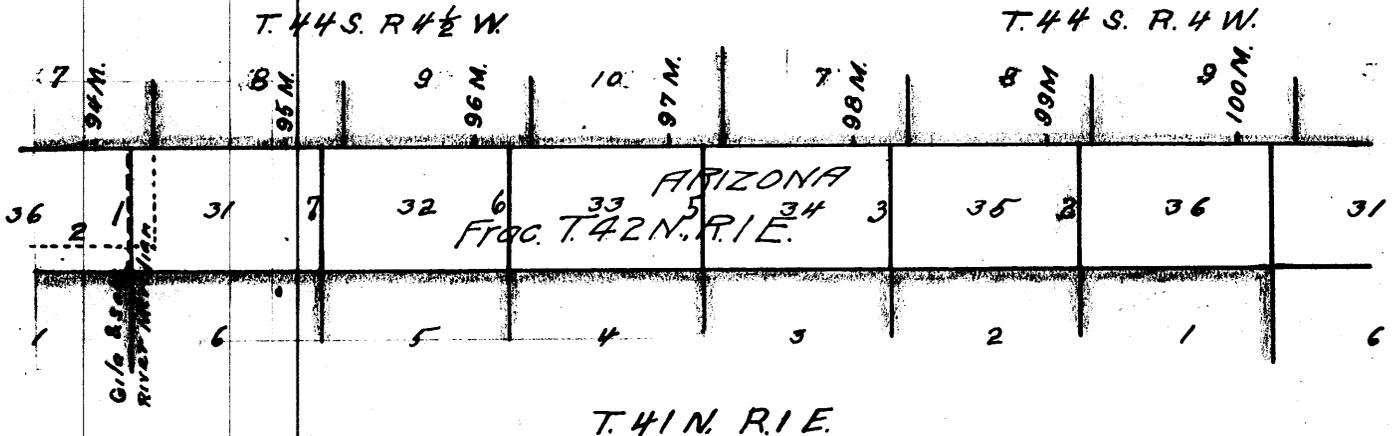
Group 207--Arizona

Fractional Township 42 North, Range 1 East, G. & S.R.B. & M.

INDEX DIAGRAM

BOOK 4124

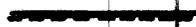
UTAH



T. 41 N. R. 1 E.



Accepted surveys.



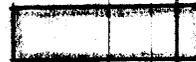
Resurveyed <sup>or surveyed</sup> under this group.



Surveyed under this group.



Arizona areas surveyed as per accepted plats on file.



Utah areas surveyed as per accepted plats on file.

Resurvey and Survey of the  
Gila & Salt River Meridian, through Frac. T.42 N. BOOK 4124

Chains

The survey of T.42 N., R.1 E. was executed with a Young & Son's transit No. 8491. For description and test of instrument and description of equipment and method of survey, see field notes of the subdivisions of T. 41 N., R. 2 E. surveyed under this group.

For preliminary test of instrument, see final test in field notes of subdivisions of T.42 N., R.2 E. surveyed under this group.

From the cor. of Ts. 41 and 42 N., Rs. 1 E. and 1 W., which is an iron post, 3 ins. diam., 6 ins. above ground, firmly set and marked and witnessed as described in the official record.

North, bet. frac. Secs. 31 and 36, T.42 N., Rs. 1 E. and R. 1 W.

Over rolling land thru heavy timber along gentle W. slope.

12.44 Intersect the closing cor. of frac. T.42 N. Rs.1 E. and 1 W. which is an iron post 3 ins. diam., 12 ins. above ground, firmly set and marked and witnessed as described in the official record. As the Utah surveys no longer extend into Arizona, I destroy this corner.

20.00 Leave heavy timber, enter scattering timber bears NE. & W.

30.00 Ascend 22 ft. over gentle SW. slope to

40.00 Set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor. with brass cap marked

S 36 | S 31

1937

18x18x12 ins. N. & S. of cor. 3 ft. dist.

dig pits

No bearing trees within limits.

Ascend 28 ft. over gentle SW. slope.

57.59 Old road bears NW. to Kanab, Utah, and SE. to Johnson spring.

59.55 Intersect the Utah-Arizona State boundary.

Set an iron post 3 ft. long, 3 ins. diam., 27 ins. in the ground for closing cor. of Frac. T.42 N., Rs.1 E. and 1 W., with brass cap marked

UTAH  
S 36 | S 31  
R 1 W | R 1 E  
T 42 N  
C C  
1937

A juniper 10 ins. diam., bears S.72°E. 343 lks. dist., mkd. T 42 N R 1 E S 31 CC BT

A juniper 8 ins. diam., bears S. 2 $\frac{1}{2}$ ° W. 371 lks. dist., mkd. T 42 N R 1 W S 36 CC BT

From point of intersection the 94 mile cor. on Arizona-Utah State bdy., brs. S.89°54'W. 12.02 chs. dist.; a sandstone rock, 16x14x16 ins. above ground, firmly set, properly marked and witnessed as described in the offi-

Resurvey and survey of the

Gila & Salt River Meridian, through Frac. T.42 N.

Chains	<p>cial record.</p> <p>Land, rolling. Soil, sandy clay and rocky 3rd &amp; 4th. rate. Timber, juniper. Undergrowth, sagebrush.</p> <hr/> <p>Retracement of the S. bdy. of Sec. 7, T.44 S., R.4½ W. S. L. M., Utah.</p> <p>From a point 12.44 chs. N. of the Cor. of Ts. 41 &amp; 42 N., Rs. 1 E. and 1 W., Arizona,</p> <p>S. 88° 56' E. on a random line along S. bdy. of Sec. 7 T.44 S. R.4½ W., S.L.M., Utah.</p>
5.61	<p>A point 5 lks. N. of the Cor. of secs. 7 and 8; an iron post 3 ins. diam., 12 ins. above ground., set, marked and witnessed as described in the official record. As Sec. 7 of Frac. T.44 S., R.4½ W., S.L.M., Utah, no longer extends into Arizona, I destroy this corner.</p> <hr/> <p><del>From a point 12.44 chs. N. of the Cor. of Ts. 41 and 42 N., Rs. 1 E. and 1 W.</del></p> <p><del>N. 88° 56' W. on a random line along S. bdy. of sec. 7, T. 44 S., R. 4½ W. S.L.M. Utah.</del></p>
33.56	<p>A point 1 lk. N. of the ¼ sec. cor. of sec. 7; an iron post, 1 in. diam., 10 ins. above ground, set, marked and witnessed as described in the official record. As sec. 7 of T. 44 S., R. 4½ W., Utah, no longer extends into Arizona, I destroy this corner.</p>
78.27	<p>A point 2 lks. N. of the cor. of secs. 7 &amp; 12, Frac. T.44 S., Rs. 4½ &amp; 5 W. S.L.M. Utah; an iron post 3 ins. diam. 10 ins. above ground set, marked and witnessed as described in the official record. As secs. 7 and 12, Frac. T. 44 S., Rs. 4½ &amp; 5 W., S.L.M., Utah, no longer extends into Arizona, I destroy this corner.</p>
	<p>Survey: Subdivision lines Frac. T. 42 N., R. 1 E:</p> <p>Commence the subdivisional survey at the cor. of secs. 1, 2, 35 and 36 on the S. Bdy. of the Twp. which is an iron post, 2 ins. in diam., projecting 12 ins. above the ground, firmly set, properly mkd. on brass cap, and witnessed by four pits, one in each sec. 5½ ft. dist., no bearing trees.</p> <p>Thence;</p> <p>N. 0° 01' W. bet. secs. 35 and 36.</p> <p>Over gently rolling land; thru scattering timber and undergrowth.</p> <p>Asc. 38 ft. over S. slope.</p>
25.70	<p>Low ridge, brs. NE. and SW., desc. 12 ft. over NW. slope.</p>
32.00	<p>Bottom of asc., thence over nearly level land.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the</p>

Survey: Subdivision Lines Frac. T. 42 N., R. 1 E. 4124

Chains

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

$\frac{1}{4}$   
 S 35 | S 36  
 1936

and raise

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

Asc. 25 ft. over S. slope.

59.87

Intersect Arizona-Utah State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 35 and 36, with brass cap mkd.

UTAH  
 S35 | S36  
 T42N | R1E  
 C | C

1936

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

From point of intersection the 99 mile mon. on State Bdy. brs. S.  $89^{\circ}58'$  W., 11.02 chs. dist.; an iron post, 2 ins. diam., projecting 26 ins. above the ground, firmly set, properly mkd., on brass cap, and witnessed as described in official record.

From this same point the closing cor. of secs. 8 and 9, Frac. T. 44 S., R. 4 W., Salt Lake Base and Meridian, Utah, brs. N.  $89^{\circ}58'$  E., 6.73 chs. dist.; an iron post, 2 ins. diam., projecting 14 ins. above the ground, firmly set, mkd. on brass cap

U  
 T44S | R4W  
 S8 | S9  
 C | C

A

1912

and witnessed

as described in official record.

Land, gently rolling and nearly level.  
 Soil, sandy clay and rocky, 3rd rate.  
 Timber, none.  
 Undergrowth, sagebrush.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of Twp. which is an iron post, 2 ins. diam., projecting 12 ins. above the ground, firmly set, properly mkd. on brass cap and witnessed by four pits, one in each sec.  $5\frac{1}{2}$  ft. dist.

Thence

Survey: Subdivision Lines, Frac. T.42 N., R.1 E.

Chains

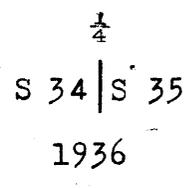
N.0° 01' W., bet. secs. 34 and 35.

Over rolling land thru scattering undergrowth.

Gradual asc. over SE. slope.

34.90 Wash, 10 lks. wide, 7 ft. deep, course SE.

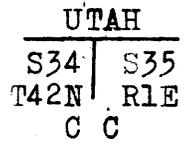
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, deposit stone 14 x 5 x 2 ins. mkd. with a cross (x) at base of post, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap



Asc. 53 ft. over broken SE. slope.

59.84 Intersect Arizona-Utah State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 34 and 35, with brass cap mkd.



1936

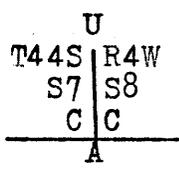
from which

A juniper, 10 ins. diam., brs. S.32 3/4° E., 564 lks. dist., mkd. T 42 N R 1 E S 35 CC BT

A juniper, 6 ins. diam., brs. S.41° W., 424 lks. dist., mkd. T. 42 N R. 1 E. S 34 CC BT

From point of intersection the 98 mile mon. brs. S.89°56' W. 11.10 chs. dist.; an iron post, 2 ins. diam., projecting 20 ins. above the ground, firmly set, properly mkd. on brass cap, and witnessed as described in the official record.

From this same point the closing cor. of secs. 7 and 8, Frac. T. 44 S., R. 4 W., Salt Lake Base and Meridian, Utah, brs. N.89°56'E., 7.00 chs. dist., an iron post, 2 ins. projecting 15 ins. above ground, firmly set, and mkd. on brass cap



1912

and witnessed

as described in the official record (Utah surveys)

Land, gently rolling.  
Soil, sandy clay; 3rd rate.  
Undergrowth, sagebrush.

Survey: Subdivision lines, T. 42 N., R. 1 E.

chains

From cor. of secs. 3, 4, 33 and 34 on the S. bdy. of Tp. which is an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set, properly mkd. on brass cap, witnessed by four pits, one in each sec.  $5\frac{1}{2}$  ft. dist., and two properly mkd. cedar bearing trees, one S.  $69^\circ$ W., 427 lks. dist., one N  $59^\circ$ W., 420 lks. dist.

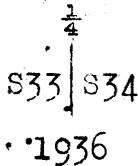
Thence

N.  $0^\circ 02'$ W., bet. secs. 33 and 34.

Over gently rolling land, thru scattering timber and undergrowth.

23.80 Wash, 10 lks. wide, 8 ft. deep, course S.  $15^\circ$ E., asc. 42 ft. over general S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



A juniper, 5 ins. diam., brs. S.  $72\frac{1}{4}^\circ$ E., 160 lks. dist., mkd.  $\frac{1}{4}$  S 34 BT

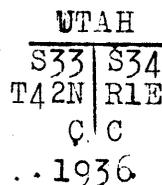
A juniper, 12 ins. diam.; brs. N.  $57\frac{1}{4}^\circ$ W., 121 lks. dist., mkd.  $\frac{1}{4}$  S33 BT

Asc. 25 ft. over SW. slope to

54.50 Wash. 3 lks. wide, 3 ft. deep, course SW., asc. 18 ft. over SE. slope to

59.92 Intersect Arizona-Utah State Bdy.

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



A juniper, 6 ins. diam., brs. S.  $34\frac{3}{4}^\circ$ E., 60 lks. dist., mkd. BT only.

A juniper, 24 ins. diam., brs. S.  $57\frac{1}{2}^\circ$ W., 246 lks. dist., mkd. T 42 N R 1 E, S 33 C C BT

From point of intersection the 97 mile mon. brs. S.  $89^\circ 56'$ W., (by notes of Utah survey) 11.17 chs. dist., an iron post, 2 ins. diam., projecting 24 ins. above ground, firmly set, properly mkd. on brass cap, and witnessed as described in the official record.

From this same point the closing cor. of Frac. T. 44 S., R's. 4 and  $4\frac{1}{2}$  W.; Salt Lake Base and Meridian, Utah, brs. N.  $89^\circ 56'$ E., 6.49 chs. dist., and iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, and mkd. on brass cap

Survey: Subdivision lines, T. 42 N., R. 1 E.

chains

U  
T44S  
R4 $\frac{1}{2}$ W R4W  
S10 S7  
C C  
A  
1912

and witnessed

as described in the official record.

Land, rolling.  
Soil, sandy clay, 3rd rate.  
Timber, juniper.  
Undergrowth, sagebrush.  
Grass, good.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of Tp., which is an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set, properly mkd. on brass cap and witnessed by 4 properly mkd. cedar bearing trees as follows: N.12 $\frac{1}{4}$ °E., 104 lks. dist., S.65°E., 79 lks. dist., S.31 $\frac{1}{4}$ °W., 75 lks. dist., N.59 $\frac{1}{4}$ °W., 56 lks. dist.

Thence

N.0°03'W., bet. secs. 32 and 33.

Over rolling land, thru dense timber and undergrowth.

Asc. 47 ft. over S. slope.

13.00 Slope changes, asc. 8 ft. over SE. slope, leave rolling land, enter mountains land, (designated as "bad lands") brs. NE. and SW.

18.00 Top of short spur, slopes SE., desc. 28 ft. over NE. slope

19.00 Deep drain, 3 lks. wide, course SE., continue over bad lands.

35.00 Shallow drain, 4 lks. wide, course SE., continue over bad lands.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S32 | S33  
1936

from which  
A pinyon, 12 ins. diam., brs. S.50 $\frac{1}{2}$ °E., 32 lks. dist., mkd.  $\frac{1}{4}$  S 33 BT

A juniper, 5 ins. diam., brs. S.83°W., 12 lks. dist., mkd.  $\frac{1}{4}$  S 32 BT.

Continue over bad lands.

55.00 Leave bad lands, base of steep rocky asc., brs. E. and W. asc. 107 ft. over S. slope.

59.65 Top of perpendicular cliff, 25 ft. high, faces S., asc. gentle S. slope to

59.86 Intersect Arizona-Utah State Bdy.

Survey: Subdivision lines, Frac. T. 42 N., R. 1 E.

chains

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

UTAH	
S32	S33
T42N	R1E
C	C
1936	

A juniper, 6 ins. diam., brs. S.42°E., 31 lks. dist., mkd. T 42 N R 1 E S 33 CC BT

A juniper limb, 7 ins. diam., brs. S43½°W., 10 lks. dist., mkd. T 42 N R 1 E S 32 CC BT.

From point of intersection the 96 mile mon. on State Bdy. brs. S.89°58'W., (by notes of Utah survey) 11.13 chs. dist., a sandstone rock 30 x 9 x 4 ins., loosely set in a mound of stone, mkd and witnessed as described in official record.

From this same point the closing cor. of secs. 9 and 10, Frac. T. 44 S., R. 4½ W., Salt Lake Base and Meridian, Utah, brs. N.89°58'E., 7.10 chs. dist., an iron post, an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set, mkd. on brass cap

U	
T44S	R4½W
S9	S10
C	C
A	
1912	

as described in official record.

and witnessed

Land, rolling and mountainous.  
Soil, sandy clay and rocky 3rd & 4th rate.  
Timber, juniper and pinon.  
Undergrowth, sagebrush.

From cor. of secs. 5, 6, 31 and 32 on S. bdy. of Tp. which is an iron post, 2 ins. diam., projecting 8 ins. above ground, firmly set, properly mkd. on brass cap and witnessed by a mound of stone, 2 ft. base and 1½ ft. high, W. of cor.; From this sec. cor. the SW. edge of a woven wire sheep corral, 3 ft. high, brs. NE., 50 lks. dist., corral is about 2.00 chs. in diam.

Thence

N.0°03'W., bet. secs. 31 and 32.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 80 ft. over broken SE. slope to foot of cliffs.

4.00 Johnson Spring, brs. W., 4.50 chs. dist.

7.25 Face of perpendicular cliff, 30 ft. high, faces S.

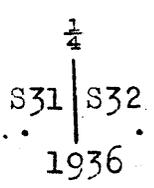
Asc. 86 ft. over broken cliffs.

Survey; Subdivision lines, Frac. T. 42 N., R. 1 E.

chains  
9.50 Top of cliff, leave mountainous land, and scattering timber, across mesa land, thru heavy timber, brs. E. & SW.

Desc. 36 ft. over rolling NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd,



A juniper, 5 ins. diam., brs. N. 58° E., 57 lks. dist., mkd.  $\frac{1}{4}$  S 32 BT from which

A juniper, 6 ins. diam., brs. S. 45° W., 62 lks. dist., mkd.  $\frac{1}{4}$  S 31 BT

Desc. 19 ft. over gentle NW. slope.

59.81 Intersect Arizona-Utah State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 31 and 32, with brass cap mkd.

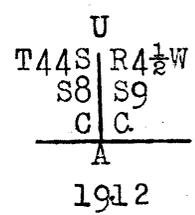


A juniper, 12 ins. diam., brs. S 67 $\frac{1}{2}$ ° E., 158 lks. dist., mkd. T 42 N R 1 E S 32 CC BT from which

A juniper, 10 ins. diam., brs. S. 22 $\frac{1}{2}$ ° W., 137 lks. dist., mkd. T 42 N R. 1 E S 31 CC BT

From point of intersection the 95 mile mon. on the State Bdy. brs. N. 89° 58' W., (by notes of Utah survey) 11.37 chs. dist.; an iron post, 2 ins. diam., projecting 20 ins. above ground, firmly set, properly mkd. on brass cap and witnessed as described in official record.

From this same point the closing cor. of secs. 8 and 9, Frac. T. 44 S., R. 4 $\frac{1}{2}$  W., Salt Lake Base and Meridian, Utah, brs. S. 89° 58' E., 6.67 chs. dist.; an iron post, 2 ins. diam., projecting 16 ins. above ground, firmly set, mkd. on brass cap



and witnessed as described in official record.

Land, mountainous and rolling.  
Soil, sandy clay and rocky 3rd & 4th rate.  
Timber, juniper.  
Undergrowth, sagebrush.

Survey: Subdivision Lines, T. 42 N., R. 1 E.

#### FINAL TEST OF INSTRUMENT

Oct. 4, 1936; At camp in sec. 2, T.41 N., R.3 E., at 9h. 0m a.m. app. t., set off  $36^{\circ} 59'$  N. on the lat. arc,  $4^{\circ} 26'$  S. on the decl arc and orient the instrument with the solar; the line of sight agrees with the meridian determined by Polaris observation.

At 3h 0m p.m. app. t., with the lat. arc unchanged, set off  $4^{\circ} 31 \frac{3}{4}'$  S. on the decl. arc. and repeat the test of the solar; the line of sight agrees with the meridian determined by Polaris observation.

#### GENERAL DESCRIPTION

This fractional township adjoining the Utah-Arizona State Bdy. line, is rolling and mountainous, draining in general to the south, into the Johnson Wash, which drains southwesterly into Kanab Creek.

The elevation is about 5000 ft. above sea level.

The soil is coarse sand and rocky clay, 3rd and 4th rate.

The larger portions of sections 32 and 33 lie on a rough, broken southeasterly slope, designated in the field notes as Bad Lands, consisting of a series of spurs, caused by erosion, averaging from 20 to 60 ft. high and with precipitous slopes. These Bad Lands are of a clay formation, nearly devoid of vegetation.

There is very little timber in the east half of the township, the west half is covered by a heavy growth of juniper and pinon timber which has no commercial value for building purposes, but can be used for fence posts and fuel. There is a heavy growth of sage and grass covering all of the township, affording good stock grazing.

There is no running water, though a spring known as Johnson Spring, which is noted in the SE. corner of section 31, which is the water supply for a sheep shearing plant, located south of the S. bdy. of section 31.

There are no settlers or ranch improvements noted within the township.

Several roads traverse the township, but none are main traveled roads between settlements.

The nearest post-office in Arizona is Fredonia, which is about 12 miles southwesterly, and the nearest post-office in Utah is Kanab, about the same distance northwesterly.

The adjoining Utah townships are Frac. T. 44 S., R's. 4 and  $4 \frac{1}{2}$  W., Salt Lake Base and Meridian, Utah.

There is no indication of valuable mineral deposits within the township.



11

BOOK 4124

CERTIFICATE OF UNITED STATES SURVEYOR

I, Bert E. Wakeman, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona

bearing date of the 30th day of July, 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 the

the G. & S.R. Meridian thru Frac. T. 42 N.

and surveyed all those parts or portions of

SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 42 NORTH, RANGE 1 EAST of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in

the foregoing field notes as having been executed by me, and under the direction of Benjamin J. Kinsey, U.S. Surveyor;

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the 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. Resurvey and survey.

Phoenix, Arizona

February 23, 1937.

Bert E. Wakeman U. S. Transitman.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, June 21, 1937.

The foregoing field notes of the RE-SURVEY of the

G. & S.R. MERIDIAN thru FRAC. T. 42 N.

and of the SURVEY of the

SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 42 NORTH, RANGE 1 EAST

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

executed by Bert E. Wakeman, U. S. Transitman

under his special instructions dated July 30, 1936, 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.