

Standard
BOOK "I"

2515

BOOK 2515

FIELD NOTES

~~OF THE SURVEY~~ OF THE

*Retracement and Resurvey of the Sixth Standard
Parallel North through Range No. 21 East*

*Of the Gila and Salt River Basal and Meridian,
in the Territory of Arizona*

EXECUTED
AS ~~CONVEYED~~ BY

Vidney E. Blush

United States *Examiner of Surveys*
~~Deputy Surveyor~~

Special Instructions from the Commissioner of the General Land Office

Under ~~the Contract No.~~ dated *Oct 2nd 1907* and *May 15th 1909*, 1909

~~Retracement &~~
~~Survey~~ commenced *June 27*, 1910

~~Retracement &~~
~~Survey~~ completed *June 28*, 1910

NAMES AND DUTIES OF ASSISTANTS.

Van L. White

Chairman

Fred L. Warner

Chairman

N. V. White

Chairman

Charles A. Dutton

Chairman

Jack Nez

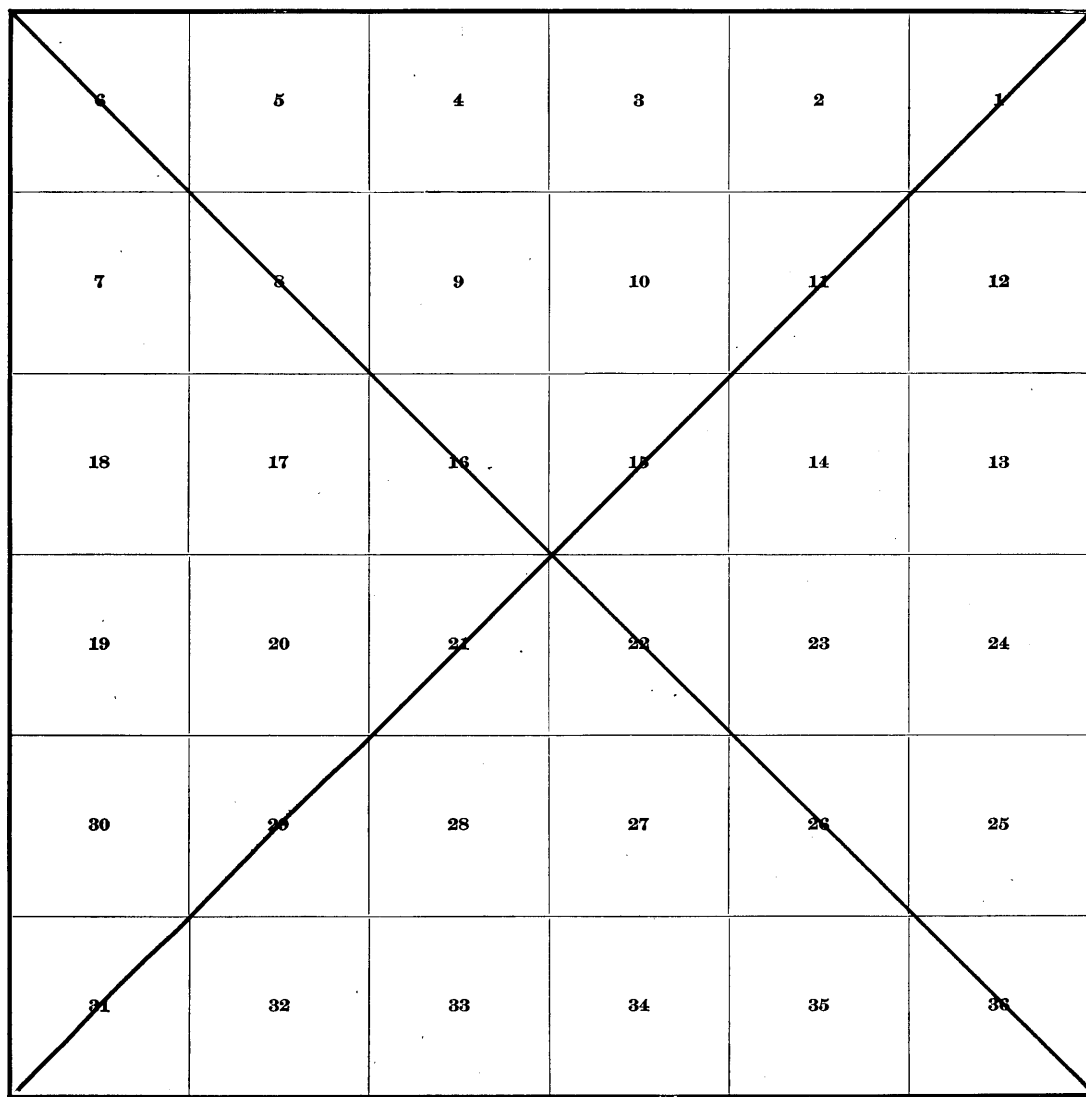
Chairman

William R. Pearson

Chairman

INDEX DIAGRAM.

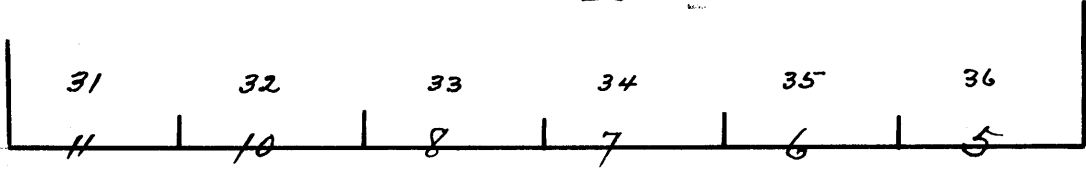
Township N° 25 N, Range No. 21 E



~~Meanders Page~~

6-151

BOOK 2515



SIXTH STANDARD PARALLEL NORTH.

PRELIMINARY OATHS OF ASSISTANTS.

WE, Fred L. Warner, N. J. White, Charles A. Dutton & Van L. White
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the ^{retacement & re}survey of

The 6th Standard Parallel North through Range No. 21 E. of the G. & S. R. Meridian
Arizona.
N. J. White and Fred L. Warner, Chainman.
Van L. White and Charles A. Dutton, Chainman.

Subscribed and sworn to before me this 27th
day of June, 1910



Sidney E. Blous
U.S. Examiner of Surveys

~~WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of~~

~~_____, Moundman.
_____, Moundman.~~

Subscribed and sworn to before me this _____
day of _____, 19____



~~I, Jack Mey~~

do solemnly swear that ~~we~~ I will well and truly perform the duties of ~~axmon~~ axmon in the establishment of corners and other duties, according to instructions given ~~us~~ me to the best of ~~my~~ my skill and ^{retacement & re}ability, in the survey of

The 6th Standard Parallel North through Range 21 E. of the G. & S. R. Meridian
Arizona.
Jack Mey, Axman.
_____, Axman.

Subscribed and sworn to before me this 27th
day of June, 1910



Sidney E. Blous
U.S. Examiner of Surveys

I, William R. Carson, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the

^{retacement}
& re survey of The 6th Standard Parallel North through R. 21 E. of the G. & S. R. Meridian, Arizona.
William R. Carson Flagman.

Subscribed and sworn to before me this 27th
day of June, 1910



Sidney E. Blous
U.S. Examiner of Surveys

Retracement of the 6th Stand. Parallel North through R206
Chains

BOOK 2515

Survey Commenced June 27th 1910 and executed with a Young & Sons light mountain transit No. 10 with a solar attachment, the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs.

Examine the adjustments of the transit and correct the level and collimation errors, which are very slight and from recent tests of the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian established by observations on Polaris I know that the instrument is in satisfactory adjustment.

I begin at the point for Stand. Cor. of Tps. 25 N. R's 20 and 21 E. ^{described in Standard Book 17} Latitude 35° 36' 35" N. Longitude 110° 09' 26" W. (W.C. to Tp. cor. 2.00 chs. N. 89° 51' W.)

June 27, 1910 Ob. 7h. 30m ^{l.m.t.} set-off 35° 30 1/2' N. on the lat. arc. 23° 22' N. on the decl. arc and determine a meridian with the solar. Thence I run from true point for Tp. cor.

Cash out a random line on S. ldy of sec 31. Difference Feb. measurements of 40.00 Chs. by two sets of Chainmen is 04. lks. position of middle point. By 1st set. 40.02 Chs.

40.00 By 2nd set. 39.98 Chs. the mean of which is. I make a diligent search for the old stand of sec. cor., which I fail to find, therefore I continue my alignments and measurements. Difference Feb. measurements of 80.18 Chs. by two sets of Chainmen is 04 lks. position of middle point.

80.18 By 1st set. 80.20 Chs. By 2nd set. 80.16 Chs., the mean of which is. Fall 6 lks. N. of the old stand Cor. of sec. 31 and 32, which is a malap's stand 10x8x8 ins., loosely set. marked as described in the field notes furnished me by the Surveyor General.

Course ^{and dist.} of line back to the point for Tp. cor. is N 89° 51' W., 80.18 chs.

Retracement of the 6th Standard Parallel North through R21E.

2

Chains

BOOK 2515

Run on a random line on S. Side of sec. 32
Difference bet. measurements of 4000 Chs. by two
sets of Chainmen is 02 lks., position of middle point
By 1st Set. 39.99 Chs.

40.00 By 2nd Set. 40.01 Chs., the mean of which is
I make a diligent search for the old stand
1/4 sec. cor. which I fail to find, therefore I
continue my line and measurements.

Difference bet. measurements of 79.64 Chs.
by two sets of Chainmen is. 02. lks., position
of middle point.

By 1st Set. 79.65 Chs.

79.64 By 2nd Set 79.63 Chs. the mean of which is
I find 28 lks. N. of the ^{old} stand cor. of sec. 32 and 33
which is a sand stone 12x6x5 ins loosely set,
marks nearly obliterated no cor accessories
Course ^{and dist.} of line back to the ^{old} stand cor. of sec.
31 and 32, is $N 89^{\circ} 48' W$, 79.64 chs.

Run on a random line on S. Side of sec.

33.

Difference bet. measurements of 40.00 Chs. by two
sets of Chainmen is 04 lks., position of middle
point.

By 1st Set. 40.02 Chs.

40.00 By 2nd Set. 39.98 Chs., the mean of which is
I make a diligent search for the old stand, 1/4
sec. cor. which I fail to find, therefore I
continue my alignment and measurements.

Difference between measurements of 79.86 Chs.
by two sets of Chainmen is. 08 lks., position of
middle point

By 1st Set. 79.90 Chs.

79.86 By 2nd Set 79.82 Chs. the mean of which is
I find 28 lks. N. of the ^{old} stand cor. of sec. 33
and 34. which is a malapi stone 14x10x7
ins. loosely set in a mound of stone, marks
almost obliterated No. cor accessories visible
Course ^{and dist.} of line back to the ^{old} stand cor. of sec.
32 and 33, is $N 89^{\circ} 48' W$, 79.86 chs.

NOTE: At this Cor. I set off $23^{\circ}21'N$. on the decl arc and at noon observe the sun on the Meridian and obtain on the lab. arc a reading of $35^{\circ}30\frac{1}{2}'N$. for the latitude of this place!

East on a random line on S. bdy. of sec. 34. Difference bet. measurements of 40.10 chs. by two sets of chainmen is 10 lks., position of middle point.

By 1st Set. 40.05 chs.

By 2nd Set. 40.15 chs. the mean of which is 40.10

40.10

Wall 16 lks S. of the ^{old} Stand $\frac{1}{4}$ sec. cor. which is a granite stone $16 \times 12 \times 8$ ins. loosely set. marked and witnessed as described in the field notes furnished me by the Surveyor General.

Course ^{and dist.} of line back to the ^{old} Stand. Cor. of sec. 33. and 34 is $S89^{\circ}46'W$, 40.10 chs.

I begin at the Stand $\frac{1}{4}$ sec. cor. of sec 34 ^{above described and measuring from same run on random line} East on S. bdy. of sec. 34 on East half mile. Difference bet. measurements of 40.10 chs. by two sets of chainmen is 06 lks., position of middle point.

By 1st Set 40.13 chs.

By 2nd Set 40.07 chs., the mean of which is

40.10

Wall 16 lks. S. of the ^{old} Stand. Cor. of Secs. 34 and 35 - which is a malapi stone $12 \times 10 \times 8$ ins, loosely set in a mound of stone, marked as described in the field notes, furnished me by the Surveyor General. No Cor. accessories visible.

Course ^{and dist.} of line back to the ^{old} Stand $\frac{1}{4}$ sec. cor. is $S89^{\circ}46'W$, 40.10 chs.

East on a random line on S. bdy. of sec 35. Difference between measurements of 40.00 chs. by two sets of chainmen is 12 lks. position of middle point.

By 1st Set. 40.06 chs.

By 2nd Set. 39.94 chs., the mean of which is

40.00

I make a diligenc. search for the ^{old} Stand $\frac{1}{4}$ sec. cor. which I fail to find, therefore I continue my alignment and measurements.

Difference between measurements of 80.00 chs.

Retracement of the 6th Standard Parallel North through R 21 E.

Chains

BOOK 2515

by two sets of Chainmen is 10 lks., position of middle point

By 1st Set. 80.05 Chs.

80.00 By 2nd Set 79.95 Chs., the mean of which is I make a diligent search for the ^{old} Stand cor of Secs. 35 and 36. which I fail to find. therefore I continue my alignment and measurement.

Difference bet. measurements of 120.00 Chs. by two sets of Chainmen is 14 lks. position of middle point.

By 1st Set. 120.07 Chs.

120.00 By 2nd Set. 119.93 Chs. the mean of which is I make a diligent search for the ^{old} Stand 1/4 sec. cor on S. ldy. of sec. 36. which I fail to find. Difference bet. measurements of 159.80 Chs. by two sets of Chainmen is 12 lks. position of middle point.

By 1st Set. 159.86 Chs.

159.80 By 2nd Set. 159.74 Chs., the mean of which is I fall 32 lks. N. of the remains of the old Stand Cor of Twp. 25 N. R's 21 and 22 E., which is a Cedar post greatly decayed lying on the ground midway between the track of two feet. Course ^{and dist.} of line back to the ^{old} Stand cor. of sec. 34 and 35, $N 89^{\circ} 53' W, 159.80$ chs.

From my retracement of the 6th Stand. Parallel N. through R. 21 E. I find the alignment and measurement well within limits, but that many of the ^{std. sec. and 1/4 sec.} and all of the closing cor. for subdivisions in T. 24 N. R. 21 E. and that those ^{std. sec. and 1/4 sec. cors.} that remain are nearly all poorly set and insufficiently witnessed therefore I resurvey the Parallel through this range as follows;

I destroy all evidence of the old defective corners found along this line and re-establish them in their original position with new permanent corners properly marked and witnessed, preserving the old original alignment and measurement, and set new Stand 1/4 sec. and sec. Cors. in place of.

those found missing, at proportional distances,
 on a true line between the existing corners.
 and close the Subdivision lines see Np 24 76.
 R 21 E upon the newly established line as described
 in Subdivisional Book "ZG" June 27th 1910

June 28-1910.

I begin at the ^{old} Stand. Cor. of Nps. 25 76, R's 21 and
 22 E. ^{hereinbefore described} Latitude $35^{\circ} 30' 35''$ N. Longitude $110^{\circ} 02' W.$
 This Cor being in a state of delapidation, I
 destroy all evidence of the old cor. and
 reestablish it in its original position as
 follows.

Set an iron post. 3 ft. long 3 ins. in diam.
 24 ins. in the ground for Stand Cor. of Nps.
 25 76, R's 21 and 22 E., marked on brass Cap.
 T 25 76. in N. half, R 21 E. S 36 in N.W., R 22 E S 31
 in N.E. quadrant.

Dig pits 30 x 24 x 12. ins, crosswise on each
 line E. and W. 4 ft. and N. of post. 8 ft. dia,
 and raise a mound of earth 5 ft. base, 2 1/2
 ft. high N. of Cor.

At 8.00 a.m., 1. m. t. I set off. $35^{\circ} 30 \frac{1}{2}'$ N. on
 the lat. arc, $23^{\circ} 19 \frac{1}{2}'$ N. on the decl. arc and
 determine a meridian with the solar alt.
 the above described Cor. Thence I run
 $N 89^{\circ} 53' W.$ on a true line on S. ldy. of sec.
 36.

Ascend gradually over S.E. slope through scattering
 sage and greasewood bush undergrowth.

15.15

Road leads to Kean's Canyon bears N.W. and S.E.
 Difference bet. measurements of 39.95 Chs. by
 two sets of Chainmen is .02 lks., position of middle
 point.

By 1st set. 39.96 Chs.

By 2nd set. 39.94 Chs., the mean of which is.

39.95

Set an iron post. 3 ft. long, 1 in. in diam. 26 ins in
 the ground for ^{reestablished} Stand 1/4 sec. cor. marked on brass
 Cap 1/4 S. 36 on N. half.

Raise a mound of stone 2 ft. base 1 1/2 ft. high. N. of
 Cor., Pits impracticable

48.00

Leave rolling sandy land. Enter scattering
 cedar timber and mountainous land bear N.W.

Resurvey of the 6th Standard Parallel North through R21E
Chain

6

BOOK 2515

- and S.E. ascend steep rocky N.E. slope of mesa.
61.00 Top of ascent on point of spur 300 ft. high bears
N.E. and S.W. desc. abruptly into Canyon.
72.00 Dry ravine in bottom of Canyon 200 ft. deep Course
N.E. asc. abruptly
78.00 Top of abrupt ascent on Edge of mesa 200 ft.
above bottom of Canyon bears N and S, and gradually
Difference ^{ft.} measurements of 79.90 Chs. by two
sets of chainmen is .10 lks. position of middle
point.
By 1st set, 79.95 Chs.
By 2nd set, 79.85 Chs. the mean of which is.
79.90 Set an iron post, 3 ft. long, 3 ins. in diam. 24
ins. in the ground ^{reestablished} for ^{1/4} Stand. Cor. of sec.
35 and 36, marked on brass cap. T 25 N. S 35
in N.W., and R 21 E. S 36 in N.E. quadrant.
Raise a mound of stone 2 ft. base, 1 1/2 ft. high N.
of Cor. Pits impracticable. No trees in limits
Land rolling and mountainous.
Soil sandy and stony 2nd 3rd and 4th rate.
Timber Cedar
Mountainous land, 31.90 Chs.

- N 89° 53' W on a true line on S. fly of sec. 35.
Ascend S.E. slope over stony mountainous land
through scattering cedar timber
Difference ^{ft.} measurements of 39.95 Chs. by two
sets of chainmen is .08 lks., position of middle
point.
By 1st set, 39.91 Chs.
By 2nd set, 39.99 Chs., the mean of which is.
39.95 Set an iron post, 3 ft. long 1 in. in diam. 26 ins.
in the ground ^{reestablished} for ^{1/4} Stand. Cor. marked on
brass cap. 1/4 S 35 on N. half., from which.
A Cedar 8 ins. in diam. bears N 13° 15' W 141 lks.
dist. marked S.C. 1/4 S 35 B.T.
A Cedar 5 ins. in diam. bears S 46 1/2° E 140 lks.
dist. marked S.C. 1/4 S. B.T.
72.90 West edge of Mesa bears N and S. desc. steep.
rocky W. slope.
Difference ^{ft.} measurements of 79.90 Chs. by two

Recovery of the 6th Standard Parallel North through R 21 E
Chain

BOOK 2515
7

Sets of Chainmen is. 08 lks. position of middle point.

By 1st Set- 79.86 Chs.

By 2nd Set. 79.94 Chs., the mean of which is.

79.90

Intersect the old stand. Cor. of sec. ^{hereinbefore described} 34 and 35.

I destroy all evidence of this cor. and re establish it in its original position as follows.

Set an iron post. 3ft. long, 3 in. in diam. 24 ins. in the ground for stand Cor. of sec. 34 and 35, marked on brass Cap T 25 N. S 34 in N.W. and R 21 E. S 35 in N.E. quadrant, from which.

A Cedar 10 ins. in diam. bears N 63 1/4° E 89 lks. dish. marked T 25 N., R 21 E S 35 B.T.

A Cedar 14 ins. in diam. bears N 68 3/4° W 52 lks. dish. marked T 25 N., R 21 E. S 34 B.T.

Land mountainous.

Soil sandy and stony 3rd and 4th rate.

Pinus Cedar.

Mountainous land 79.90 Chs.

S 89° 46' W. on a true line on S. ldy. of sec. 34.

Descend W. slope of mesa over stony mountainous land through scattering Cedar timber.

2.00 Leave timber bears N.W. and S.E.

5.00 Leave Mountainous land bears N.W. and S.E.

Enter rolling land.

33.48 Old Road bears N.E. and S.W. leads to Duclaud Hogans. south of the Parallel. in Np 24 N. R 21 E.

34.87 Dry sand wash 10 lks. wide Course S.W. acc.

38.20 Enter scattering Cedar timber bears N.E. and S.W.

Difference bet measurements of 40.10 Chs. by two sets of Chainmen is. 02 lks., position of middle point.

By 1st Set. 40.11 Chs.

By 2nd Set. 40.09 Chs., the mean of which is

40.10

Intersect the old stand 1/4 sec. ^{hereinbefore described} Cor. I destroy

all evidence of the old cor. and re establish it in its original position as follows.

Set an iron post. 3ft. long 1 in. in diam. 26 ins. in the ground for stand 1/4 sec cor. marked on brass Cap. 1/4 S 34 on N. half., from which.

Recovery of the 6th Standard Parallel North through R. 21E
Chain

BOOK 2515

A Cedar 8 ins. in diam. bears $N 55^{\circ} W 154$ lks.
dish. marked S.C. $\frac{1}{4}$ S 34 B.T.

A Cedar 6 ins. in diam. bears $S 60\frac{1}{2}^{\circ} W 131$ lks.
dish. marked S.C. $\frac{1}{4}$ S, B.T.

43.00 Leave timber bears N.E. and S.W.

50.00 Leave rolling land bears N.E. and S.W., Enter
mountainous land, ascend steeply over E.
slope of mesa.

66.45 Top of abrupt ascent on spur of mesa 200 ft.
above $\frac{1}{4}$ sec. cor. bears N. and S. extends S. of line
150 lks. desc. abrupt rocky S.W. slope.

76.50 Foot of descent in dry ravine course S.W. asc. S.E.
slope.

Difference bet. measurements of 80.20 Chs. by two
sets of chainmen is 08 lks., position of middle
point.

By 1st set. 80.24 Chs.

By 2nd set. 80.16 Chs., the mean of which is

80.20 Intersect the old stand. cor. of secs. 33 and 34
which is a malapi stone loosely set. marked
nearly obliterated. Destroy all evidence of
this cor. and reestablish it in its original
position as follows:

Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in
the ground for stand cor. of secs. 33 and 34,
marked on brass cap. T 25 N. S 33 in N. W and
R 21 E, S 34 in N.E. quadrant

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N.
of cor. Piti impracticable

Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate.

Timber Cedar.

Mountainous land 35.20 Chs.

NOTE: At this cor. set off $23^{\circ} 18\frac{1}{2}' N$. on the decl. arc and
at noon observe the sun on the meridian
and obtain on the lab. arc a reading of
 $35^{\circ} 30\frac{1}{2}' N$ for the lab. of this place.

$N 89^{\circ} 48' W$ on a true line on S. ldy. of sec 33
Ascend steep rocky S.E. slope over mountainous

Resurvey of the 6th Standard Parallel North through R21E.

9
BOOK 2515

- 10.75 land, through scattering sage bush undergrowth
- 15.80 Top of spur 25 ft. above Cor. brass N and S. desc.
- Dry ravine 20 lbs. wide Course S. asc. steeply
- Enter scattering cedar timber brass N.E. and S.W.
- 23.90 Top of high rocky spur brass N.E. and S.W. desc.
- 28.00 Dry ravine Course S.W. asc.
- 28.80 Top of spur brass N and S. desc. abruptly over W. slope of mesa.

Difference bet. measurements of 39.93 Chs. by two sets of Chainmen is 10 lbs, position of middle point.

By 1st Set. 39.98 Chs.

By 2nd Set 39.88 Chs., the mean of which is

- 39.93 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ^{re-established} stand $\frac{1}{4}$ sec. cor., marked on brass Cap. $\frac{1}{4}$ S 33 on N. half., from which.

A Cedar 10 ins. in diam. brass North 234 lbs dist. marked S.C. $\frac{1}{4}$ S 33 B.T. No other trees suitable for bearing trees within limits

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

- 40.50 Leave timber and mountainous land brass N.W. and S.E., Enter rolling sandy land. Slopes to S.W.

Difference bet. measurements of 79.86 Chs. by two sets of Chainmen is 08 lbs. position of middle point,

By 1st Set. 79.90 Chs.

By 2nd Set 79.82 Chs., the mean of which is

- 79.86 Intersect the old stand Cor. of sec. 32 and 33, which is a sand stone, barely set., marks nearly obliterated, I destroy all trace of this cor., and re-establish it in its original position as follows:

Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for Stand. Cor of sec. 32 and 33. marked on brass Cap. T 25 N. S 32 in N.W. and R21E. S 33 in N.E. quadrant.

Dig pits 24x18x12 ins. Crosswise on each line E and W. 3 ft. and N. of post. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft.

Resurvey of the 6th Standard Parallel North through R21 E
Chain I

BOOK 2515

high No. of cov.

Land rolling and mountainous,
Soil sandy and stony 3rd and 4th rate.
Timber Cedar
Mountainous land, 40.50 Chs.

N 89° 48' W, on a true line on S bdy. of sec. 32.
Descend gradually over rolling sandy land
through scattering sage and greasewood brush,
undergrowth and bunchgrass.

Difference bet. measurements of 39.82 Chs. by two
sets of chainmen is .02 Chs., position of middle
point.

By 1st set. 39.81 Chs.

By 2nd set. 39.83 Chs., the mean of which is

39.82 Chs. an iron post, 3/4 ft. long 1 in. in diam. 26 ins.
in the ground for ^{re-established} stand 1/4 sec. cov. marked
on brass cap. 1/4 S 32, on N. half.

Dig pits 18x18x12 ins. East W. of post. 3/4 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
high No. of cov.

50.94 Dry sand wash 8 lbs. wide course S.E. Cross road
in bed of wash bears N.W. and S.E., leads to
Keams Canyon Arizona. Ave E. slope

59.21 Road from Holbrook, Arizona to Keams Canyon
Ariz bears N and S., These roads join about
10.00 Chs. N. of line.

71.50 Hook of sandstone ledge 8 ft. high bears N.W.
and S.E., land rolling land bears N.W. and S.E.
Enter stony hilly land, ascend steeply;

71.61 Top of ledge bears N.W. and S.E. ascend steep
N.E. slope.

71.80 Enter scattering piñon pine and Cedar timber
bears N.W. and S.E.

78.80 Top of ridge bears N.E. and S.W. desc.

Difference bet. measurements of 79.64 Chs. by two
sets of chainmen is .08 Chs., position of middle
point.

By 1st set. 79.60 Chs.

By 2nd set. 79.68 Chs., the mean of which is

79.64 Intersect the old stand, cov. of sec. 31 and 32

which is a malapi stone, 10x8x8 ins. loosely set,
 I destroy all evidence of this cor. and re establish
 it in its original position as follows;
 Set an iron post. 3ft. long. 3 ins. in diam. 24
 ins. in the ground for stand. cor. of sec. 31 and
 32. marked on brass Cap T 25 N., S 31 in N.W. and
 R 21 E, S 32 in N.E. quadrant, from which.
 A Cedar 6 ins. in diam bears N 59 1/2° E 9.0 lbs.
 dist. marked T 25 N., R 21 E, S 32. B.T.
 A juniper pine 5 ins. in diam. bears N 50° W.
 2.1 lbs. dist., marked T 25 N., R 21 E S 31 B.T.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber Cedar and juniper pine

N 89° 57' W. on a true line on Sdry of sec. 31
 Descend N.W. slope over hilly sandy land through
 scattering juniper pine and Cedar timber and
 Sage brush undergrowth.

2:00 Depression bears N.W. and S.E. as N.E. slope
 28.68 Top of ridge bears N.W. and S.E. desc.
 Difference bet. measurements of 40.09 Chs. by two
 sets of chainmen is 06 lbs., position of middle
 point.

By 1st Set. 40.12 Chs.
 By 2nd Set. 40.06 Chs. the mean of which is.
 40.09 Set an iron post. 3ft. long, 1 in. in diam. 26 ins.
 in the ground for ^{reestablished} stand & sec. cor. marked on
 brass Cap 1/4 S 31 on N. half. from which.
 A Cedar 10 ins. in diam. bears N 30 1/2° E 15.3 lbs.
 dist. marked S.C. 1/4 S 31 B.T.

No other trees suitable for bearing trees in limits.
 Dig pits 18x18x12 ins. E and W. of post. 3ft. dist.
 and raise a mound of earth 3 1/2 ft. tall, 1 1/2 ft.
 high N. of cor.

53.68 Dry sand wash Course S.E.
 73.18 The same wash 100 lbs wide 2ft. deep Course N.E.
 thence in wash.

Difference bet. measurements of 80.18 Chs. by
 two sets of chainmen is 08 lbs., position of
 middle point

Resurvey of the 6th Standard Parallel North through R21E.

12

Chapters

BOOK 2515

80.18

By 1st Sep. 80, 22 Chs.By 2nd Sep 80, 14 Chs. the mean of which is.

Intersect the point for Stand. Cor. of Tps 25 N 6.

R's 20 and 21 E. described in Standard Book "H"

W.C. to this cor. 2.00 chs. N. 89° 51' W.

Land hilly

Soil sandy and stony 3rd and 4th rate.

Timber previous pine and Cedar

June 28th 1910

General Description.

Through R21E this line runs across high broken mesas and low valleys, having a southerly trend.

The land south of the line comprises high mesas and large valleys between, is watered by small springs and timbered with scrub cedar timber on the ridges along the foot of the mesas.

The land to the north is generally a mesa country, with large valleys between and should be subdivided.

June 28th 1910.

Sidney E. Blount
U.S. Examiner of Surveys

U.S. EXAMINER OF SURVEYS
FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

BOOK 2515

LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Blouk
Examiner of Surveys, United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field retracement and re- notes of the survey of the 6th Standard
Parallel North through Range 21 East of the G. and S. P. Meridian, Arizona
showing the respective capacities in which they acted:

- Fred L. Warner Chainman.
- N. Y. White Chainman.
- Charles A. Dutton and Van L. White Chairman
Moundman.
- Moundman.
- Jack Mey Axman.
- Axman.
- William R. Carson Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blouk
Examiner of Surveys, United States Deputy Surveyor, in surveying all

those parts or portions of the Standard Parallel North through Range No. 21 East

of the Gila and
Salt River Basins meridian, Territory of Arizona, which are represented
in the foregoing field notes as having been retraced and re- surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully retracement and re- surveyed, and the
corner monuments executed established, according to the instructions furnished by the Commissioner
General of the General Land Office

- Fred L. Warner and N. Y. White Chainmen.
- Charles A. Dutton and Van L. White Chainmen.
- Moundman.
- Moundman.
- Jack Mey Axman.
- Axman.
- William R. Carson Flagman.

Subscribed and sworn to before me this 28th
day of July, 1910



Sidney E. Blouk
U.S. Examiner of Surveys

14/35
BOOK 2515

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, Examiner of Surveys, United States Deputy Surveyor, do solemnly swear that, in pursuance ~~of a contract~~ ^{Special Instructions} received from the Commissioner of the General Land Office, bearing date of the 2nd day of Oct 1907 and the 15th day of May, 1908, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The 6th Standard Parallel North through Range No. 21 East of the

River Base and meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear 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 United States Surveyor General for the General Land Office, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retacement and resurvey.

Standard

United States Deputy Surveyor
Examiner of Surveys

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 19



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1914

The foregoing field notes of the retacement and resurvey of the
6th Standard Parallel North thru Range No. 21 East of the
Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout U.S. Examiner of Surveys under Special Instructions from the Commissioner of the General Land Office, ~~his contract No. _____~~, dated October 2, 1907 and May 15, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retacements & resurveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General
SURVEYOR-GENERAL OF ARIZONA

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.

United States Surveyor General