

BOOK 3658 FIELD NOTES

RE-
OF THE SURVEY OF THE

3658

Third Standard Parallel North, thru part of Range 2 East,

West boundary,

Part of North boundary, and

Part of Subdivision lines,

and Survey of part (completion) of

North boundary,

West boundary and

Subdivision lines

all of TOWNSHIP 13 NORTH, RANGE 2 EAST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Benjamin J. Kinsey, U.S.T.,

and

Ty White, U.S.T.,

3658

In the capacity of U. S. Surveyors, under Special Instructions dated May 26, 1922,
issued by the United States Surveyor General to govern surveys included in Group
No. 120, Arizona, which were approved by the Commissioner of the General Land
Office, June 23, 1922, and Assignment Instructions dated May 26, 1923.

Resurvey and Survey commenced June 5, 1923.

Resurvey and Survey completed July 2, 1923.

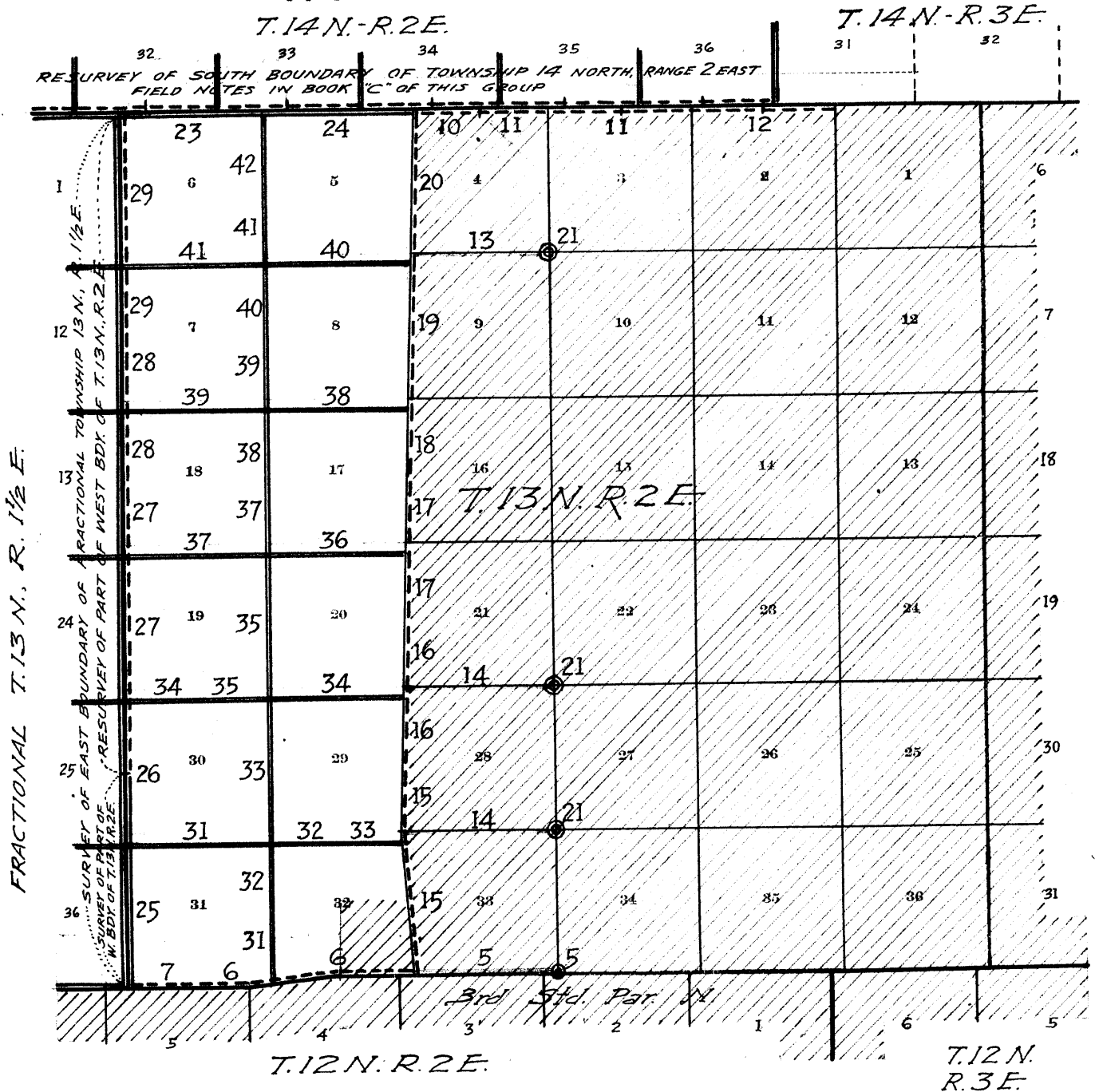
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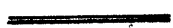

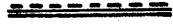



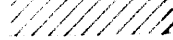
Book "A"

Group 120 - Arizona

BOOK 3658

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines resurveyed under this group
-  Lines surveyed for reference one side and resurveyed for reference to the other.
-  Ties from reestablished cars. to reconstructed original cars.
-  Accepted surveys.
-  Unsurveyed.
-  Areas surveyed as per accepted plats on file.

⊙ Corner monuments reconstructed, (cors. used as basis for reestabln. of missing cars. on resurveyed lines.)

BOOK 3658

Book "A"

Group 120 - - - Arizona.

Township 13 North, Range 2 East.

DATE DIAGRAM
1923.

Resurvey of South bdy. of Township 14 North Range 2 East

Survey of the East bdy. of fracl. Township, 13 North, Range 1 1/2 East.

Survey & Resurvey of W. bdy. of Township 13 North, Range 2 East.

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

- Indicates lines surveyed by Benjamin J. Kinsey, U.S.T. on dates shown thereon.
- - - - - Indicates lines resurveyed by Benjamin J. Kinsey, U.S.T. on dates shown thereon.
- Indicates lines surveyed by Ty White, U.S.T., on dates shown thereon.
- - - - - Indicates lines resurveyed by Ty White, U.S.T. on dates shown thereon.
- Indicates accepted surveys.

The resurveys and surveys hereinafter described were executed on dates shown on diagram on page 1 hereof, by Benjamin J. Kinsey and Ty White, U.S. Transitmen, using respectively, Buff "Rocky Mountain Favorite" solar transit No. 9940, with U-shaped standards, $4\frac{1}{2}$ in. horizontal circle, 4 in. vertical circle, and improved Smith solar attachment; and Young & Sons transit No. 8540, with full vertical circle and Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachments.

June 4, 1923: We examine the adjustment of each transit and correct all errors; then to test the solar apparatus by comparing its indications during the a.m. and p.m. hours, with a meridian established by Polaris observation proceed with each instrument as follows:

At camp, near the cor. of secs. 16, 17, 20 and 21, T. 13 N., R. 2 E., Gila and Salt River Base and Meridian, Arizona, in latitude $34^{\circ}40'N.$; longitude $112^{\circ}8\frac{1}{2}'W.$, at 2h. 50m. a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack in a stake driven firmly in the ground about 5 chs. N. of instrument.

Azimuth of Polaris at eastern elongation = $1^{\circ}20'54''$.

June 5, 1923: Lay off the azimuth of Polaris $1^{\circ}21'$ to the west, and mark the meridian thus determined by a tally pin set in a stake driven firmly in the ground about 7 chs. N.

At 9h. 00m. a.m., l.m.t., set off $34^{\circ}40'N.$ on the latitude arc, and $22^{\circ}29\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $22^{\circ}30'N.$, which agrees with the computed declination of the sun.

At 3h. 00m. p.m., l.m.t., with the lat. arc unchanged set off $22^{\circ}31'N.$ on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the observations made with both instruments during the usual hours of solar work come within $1'30''$ of the true meridian, we conclude that the adjustment of the instruments is satisfactory.

All measurements are made with Lufkin steel tapes 5 chs. in length compared with a Chesterman Standard steel tape and found correct. All measurements are made on the slope, vertical angles determined with clinometer, and the slope measurements properly reduced to true horizontal distances.

The 3rd Std. Parallel North was surveyed in 1873 by C.B. Foster, U.S.D.S., beginning at the std. cor. of secs. 33 and 34, T.13 N., R.1 W., and surveying the Parallel East thru. the E. $\frac{1}{2}$ of Range 1 West, and thru. Ranges 1, 2, 3, 4 and 5 East.

The same surveyor in same year surveyed the East bdy. of T.12 N., R.2 E., and subdivision lines of the East half of same township, closing said township boundary on the std. cor. of Ts. 12 N., Rs. 2 and 3 E., and closing said subdivision lines on the std. sec. cors. of T.13 N., R.2 E., which he had established on the parallel. x13

The same surveyor in 1874 surveyed the East bdy. of T.13 N., R.2 E., and in 1877 surveyed the East four miles of the N. bdy. of same Tp., and the Subdivision lines of the East four ranges of secs. of same township.

In 1910, J.F. Hesse, U.S.D.S. surveyed the W. bdy., and the Subdivision lines of the NW. quarter of T.12 N., R. 2 E., closing said Tp. bdy. on the original std. cor. of Ts. 13 N., Rs. 1 and 2 E., and the Subdivision lines on the original std. sec. cors. on the parallel. In connection with such survey, Hesse retraced the parallel N. of sec. 4, T.12 N., R.2 E., and reconstructed the original std. cor. of secs. 32 and 33, which he found almost obliterated.

In 1917, G.F. Rigby, U.S.S. surveyed the completion of the S. bdy. of T.14 N., R.2 E., obtaining 1 mile, 28.58 chs. in excess measurement; therefore, it is assumed that the Foster survey of the E. bdy. of T.13 N., R.2 E. was initiated from the original standard cor. of secs. 31 and 32, T.13 N., R.3 E. instead of the original std. cor. of Ts. 13 N., Rs. 2 and 3 E., and the survey of each meridional sec. line of T.13 N., R.2 E. was initiated at a std. cor. one mile East from its proper position.

In 1917, G.F. Rigby, U.S.S. resurveyed a portion of the parallel which he erroneously described as S. bdrs. of secs. 31 and 32, T.13 N., R.2 E. This portion of the Parallel is now a S. bdy. of frac. T.13 N., R. $1\frac{1}{2}$ E., and part of S. bdy. of sec. 31, T.13 N., R.2 E.

No other retracement or resurvey of the Parallel in R. 2 E. is of record.

The closing cors. of the Subdivision lines of T.12 N., R. 2 E., and the closing cor. of Ts. 12 N., Rs. 2 and 3 E. are each tied to a standard cor. on the Parallel, which is one mile west from that given in the official field notes describing the establishment of such closing cors.

The Parallel in Range 2 E. is not subject to rectification in alignment, in view of the fact that all of the adjoining land to the south thereof is embraced within previous accepted surveys; however, in the west one and one-half miles which adjoins unsurveyed area on the north, the position of the standard cors. on the Parallel is subject to rectification. The following notes describe a resurvey of the Parallel S. of secs. 31 and 32, T.13 N., R.2 E., which is practically identical with the S. bdrs. of secs. 32 and 33 of same township as monumented in the original survey of the Parallel:

The std. cor. of secs. 32 and 33 is reestablished by proportional measurement in approximately the original location of the std. cor. of secs. 33 and 34. The std. $\frac{1}{2}$ sec. cor. of sec. 32 is reestablished at point of location of the original std. $\frac{1}{2}$ sec. cor. of sec. 33.

The std. cor. of secs. 31 and 32 is reestablished at 80.00 chs. in westing from the reestablished std. cor. of secs. 32 and 33.

The std. $\frac{1}{2}$ sec. cor. of sec. 31 is reestablished at 40.00 chs. in westing from reestablished std. cor. of secs. 31 and 32, and the std. SW. cor. of T.13 N., R.2 E. is reestablished at 80.00 chs. in westing from same standard sec. cor. The existing std. cors. on the Parallel in the West $1\frac{1}{2}$ miles of R.2 E. are changed to angle points.

4 Resurvey of 3rd Std. Par. N., thru part of Range 2 East.

Chains.

The original S. bdy. of sec. 31 now becomes a part of S. bdy. of frac. T. 13 N., R. 1 1/2 E., created between T. 13 N., R. 1 E., and T. 13 N., R. 2 E. by the error in the survey of the E. bdy. and E. four ranges of secs. in the latter Tp., as hereinbefore described.

RETRACEMENT.

For resurvey of 3rd Std. Par., thru part of Range 2 East, and for survey of same line thru. Frac. Range 1 1/2 East.

- From the std. cor. of Ts. 13 N., Rs. 1 and 2 E., reestablished by G.F. Rigby, U.S.S. in 1917, and described on Book "B" of this group,
East, on random line, on part of original S. bdy. of sec. 36, T. 13 N., R. 1 E.
- 16.05 Fall 8 lks. N. of the original std. cor. of Ts. 13 N., Rs. 1 and 2 E., changed by Surveyor Rigby in 1917 to an angle point, and described in Book "B" of this Group.
The true course and dist. of the parallel from this angle point back to std. Tp. cor. are therefore N. 89° 43' W., 16.05 chs.
- Thence,
S. 89° 57' E., on random line on original S. bdy. of sec. 31, T. 13 N., R. 2 E.
- 1.33 Intersect the original closing cor. of Ts. 12 N., Rs. 1 and 2 E., described in Book "B" of this group.
Continue line and measurement.
- 38.97 Intersect the std. 1/4 sec. cor. of sec. 31, T. 13 N., R. 2 E., reestablished by G.F. Rigby, U.S.S. in 1917, and described in Book "B" of this group.
True course and dist. of Parallel back to Angle Point are therefore N. 89° 57' W., 38.97 chs.
- Thence,
S. 89° 57' E., on random line, on original S. bdy. of sec. 31, T. 13 N., R. 2 E.
- 40.18 Intersect the original std. cor. of secs. 31 and 32, T. 13 N., R. 2 E., reconstructed by J.F. Hesse, U.S.D.S. in 1910, and described in Book "B" of this group.
True course and dist. of parallel back to the std. 1/4 sec. cor. of sec. 31 are therefore N. 89° 57' W., 40.18 chs.
- Thence,
S. 89° 57' E., on random line, on original S. bdy. of sec. 32, T. 13 N., R. 2 E.
- 0.08 Intersect the original closing cor. of secs. 5 and 6, T. 12 N., R. 2 E., described in Book "B" of this group.
Continue line and measurement.
- 40.23 Intersect the std. 1/4 sec. cor. of sec. 32, T. 13 N., R. 2 E., reestablished by G.F. Rigby, U.S.S. in 1917, and hereinafter described.
True course and dist. of Parallel back to original std. cor. of secs. 31 and 32 are therefore N. 89° 57' W., 40.23 chs.
- Thence,
S. 89° 57' E., on random line, on original S. bdy. of sec. 32, T. 13 N., R. 2 E.
- 39.36 Intersect the original closing cor. of secs. 4 and 5, T. 12 N., R. 2 E., hereinafter described.
Continue line and measurement.
- 39.75 Intersect the original std. cor. of secs. 32 and 33, reconstructed by J.F. Hesse, U.S.D.S. in 1910, and hereinafter described.
True course and dist. of parallel back to std. 1/4 sec. cor. of sec. 32 are therefore, N. 89° 57' W., 39.75 chs.
- Thence,
N. 89° 42' E. (Hesse retracement record) on random line on original S. bdy. of sec. 33, T. 13 N., R. 2 E.
at std. cor., and of line 1/4 sec. cor.

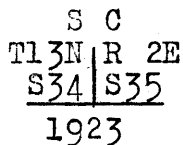
Resurvey of 3rd. Std. Par. N. thru part of Range 2 East.

(5)

- Chains
- 49.61 Fall 5.08 chs. S. of the original std. cor. of sec. 33, T.13 N., R.2 E., hereinafter described. True course and dist. of parallel back to original std. cor. of secs. 32 and 33 are therefore S.83°51'W., 49.90 chs. Thence,
 - 39.59 N.89°00'E. (Hesse retracement record) on random line. Diligent search in this vicinity fails to reveal any trace of the original closing cor. of secs. 3 and 4, T.12 N., R.2 E.
 - 42.57 Continue line and measurement. (Record dist.) Diligent search in this vicinity fails to reveal any trace of the original std. cor. of secs. 33 and 34, T.13 N., R.2 E.
 - 82.57 Set temp. sec. cor., and continue line and measurement. (Record dist.) Diligent search in this vicinity fails to reveal any trace of the original std. cor. of sec. 34, T.13 N., R.2 E.
 - 119.17 Set temp. sec. cor., and continue line and measurement. (Record dist.) Diligent search in this vicinity fails to reveal any trace of the original closing cor. of secs. 2 and 3, T.12 N., R.2 E.
 - 123.47 Continue line and measurement. Fall 2.83 chs. N. of the remains of the original std. cor. of secs. 34 and 35, T.13 N., R.2 E., consisting of a mound of earth on which is the original cor. monument, a cedar post, 3 ins. square, 3 ft. long, marked plainly "TXIII N R11E SXXXIV" on one face, and "SC SXXXV" on another face. No trace of the pits described in the record. True course and dist. of the parallel back to the original std. cor. of sec. 33 are therefore N.89°41'W., 123.45 chs., which, to maintain original proportion between the cor. intervals gives three intervals of 41.15 chs. each for the reestablishment of the missing std. cors.

RECONSTRUCTION OF ORIGINAL STD. COR. OF SECS. 34 & 35, T.13 N. R.2 E.

The original std. cor. of secs. 34 and 35, T.13 N., R.2 E., being a basis for the reestablishment of the std. cor. of secs. 32 and 33, perpetuate the cor. monument by reconstruction, as described as follows:
 Destroy the old mound of earth, and in center of its position, reset the old cedar post, 16 ins. in the ground, with the marked faces in original position, and alongside same, set an iron post 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, with brass cap, marked



No bearing trees available. This cor. monument now refers to secs. 33 and 34, T.13 N., R.2 E. owing to error hereinbefore explained, but the monument is not corrected in marking, as these sections are beyond the limits of the areas to be surveyed under this group.

RESURVEY.

At proportional distance of 82.30 chs. N.89°41'W., from original std. cor. of secs. 34 and 35 (now std. cor. of secs. 33 and 34) reconstructed as hereinbefore described, reestablish the std. cor. of secs. 32 and 33, as follows:
 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone,

6 Resurvey of 3rd Std. Parallel N. thru. part of Range 2 East.

Chains.

RESURVEY (cont'd)

for reestablished std. cor. of secs. 32 and 33, with brass cap, marked

S C
T13N | R2 E
S32 | S33
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence, N. 89° 41' W., on true line, on S. bdy. of sec. 32 (E. 1/4). Over mountainous land, thru. scattering timber and dense undergrowth.

- 6.50 Descend 49 ft., over NW. slope. Rocky wash, 10 lks. wide, course S.
- 14.90 Ascend 30 ft., over E. slope. N. end of knoll at end of spur from North.
- 24.65 Descend 46 ft., over W. slope. Rocky wash, 30 lks. wide, course S.
- 41.15 Ascend 30 ft., over E. slope, to intersect the original std. 1/4 sec. cor. of sec. 33, which is a granite stone 18x16x8 ins. above ground, firmly set marked 1/4 on N. face, and witnessed by a mound of stone 3 ft. base, 2 ft. high, N. of cor. No bearing trees. Reconstruct this cor. monument, and correct its reference as follows. Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished std. 1/4 sec. cor. of sec. 32, with brass cap, marked

S C
1/4 S 32
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence, S. 83° 51' W., on true line, on S. bdy. of sec. 32 (W. 1/4). Over mountainous land, thru. scattering timber and dense undergrowth.

- 2.95 Ascend 24 ft., over E. slope. Spur, slopes S.
- 12.55 Descend 61 ft., over SW. slope. Wash, 30 lks. wide, course SE.
- 39.07 Ascend 235 ft., over NE. slope, to (80.00 chs. westing from reestablished std. cor. of secs. 32 and 33) Set an iron post 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bed rock, supported in a mound of stone for reestablished std. cor. of secs. 31 and 32, with brass cap, marked

S C
T13N | R2 E
S31 | S32
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, catclaw, scrub oak and cactus.

S. 83° 51' W., on a true line, on S. bdy. of sec. 31. Over mountainous land, thru. scattering timber and dense undergrowth.

- 6.00 Ascend 85 ft., over NE. slope. Ridge, brs. NW. and SE.

Chains.

10.83 Descend 40 ft., over SW. slope, to
Intersect the std. cor. of secs. 32 and 33, reconstructed by
J.F. Hesse, U.S.D.S. in 1910, which is a malpais stone
5x10x6 ins. above ground, firmly set, properly marked
for reference to said secs., and witnessed by a mound
of stone N. of cor. No bearing trees. Alter this
cor. monument to an angle point by destroying the old
markings and chiseling "AP" on top of stone.

Thence,
N. 89° 57' W., on a true line, continuing measurement of S. bdy.
of sec. 31.

11.22 Descend 10 ft., over SW. slope, to
Intersect the closing cor. of secs. 4 and 5, T. 12 N., R. 2 E.,
which is a malpais stone 6x8x6 ins. above ground,
firmly set, properly marked and witnessed by a mound
of stone, S. of cor.

No bearing trees.
Continue line and measurement.

14.83 Descend 23 ft., over SW. slope.
Wash, 5 lks. wide, course S.

25.80 Ascend 30 ft., over E. slope.
Spur, slopes SE.

28.60 Descend 30 ft., over W. slope.
Wash, 5 lks. wide, course SE.

30.80 Ascend 20 ft., over E. slope.
Spur, slopes S.

37.00 Descend 86 ft., over W. slope.
Wash, 10 lks. wide, course SW.

40.07 Ascend 20 ft., over SE. slope, to
(40.00 chs. in westing from reestablished std. cor. of secs.
31 and 32) Set an iron post, 3 ft. long, 1 in. in diam.,
26 ins. in the ground for reestablished std. $\frac{1}{4}$ sec. cor.
of sec. 31, with brass cap, marked

S C
 $\frac{1}{4}$ S 31
1923

No bearing trees available. Raise a mound of stone 3 ft.
base, 2 ft. high, N. of cor.
Ascend 36 ft., over SE. slope.

45.00 Spur, slopes S.

50.58 Descend 80 ft., over SW. slope, to
Intersect the std. $\frac{1}{4}$ sec. cor. of sec. 32, reestablished by
G.F. Rigby, U.S.S. in 1917, which is an iron post, 1 in.
in diam., projecting 10 ins. above ground, firmly set,
properly marked on brass cap, for reference to the
quarters of said section, and witnessed by a mound of
stone, N. of cor. No bearing trees.
Alter this cor. to an angle point by changing the marking
on brass cap to read

A P
T13N R 2E
S31
1923

61.40 Continue line and measurement.
Descend 56 ft. over SW. slope.
Wash, 30 lks. wide, course SE.

80.07 Ascend 128 ft., over E. slope, to
(80.00 chs. in westing from reestablished std. cor. of secs.
31 and 32) Set an iron post, 3 ft. long, 3 ins. in
diam., 20 ins. in the ground to bed rock, supported
in a mound of stone for original std. SE. cor. of frac.
T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished std. SW. cor. of
T. 13 N., R. 2 E., with brass cap, marked

S C
T13N
R1 $\frac{1}{2}$ E | R2E
S36 | S31
1923

BOOK 3658

8 Resurvey of 3rd Std. Parallel N. thru. part of Range 2 East.

Chains.

No bearing trees available.
 Raise a mound of stone 3 ft. base, 1 1/2 ft. high, N. of cor.
 From this standard township cor. westerly to the standard
 SE. cor. of T. 13 N., R. 1 E., and std. SW. cor. of
 frac. T. 13 N., R. 1 1/2 E. the Parallel is surveyed as de-
 scribed in Book "B" of this group.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper, mesquite and ironwood.
 Undergrowth, buck brush, scrub oak, catclaw and cactus.

Resurvey of part of N.bdy. of Township 13 North, Range 2 East. 9

Chains.

The east four miles of the North bdy. of T.13 N., R.2 E. was surveyed in 1877 by C.B. Foster, U.S.D.S., establishing all corner monuments thereon with a common reference to areas on both sides of the line.

The N. bdy. of sec. 4 was resurveyed by G.F. Rigby, U.S.S. in 1917. No other resurvey and no retracement of this township boundary is of record.

Owing to error by Surveyor Foster in initiation of survey of E. bdy. and subdivision lines of T.13 N., R.2 E., as hereinbefore explained, all cor. monuments on N. bdy. of said township are approximately 1 mile east of their proper positions.

The land to the north of the line is unsurveyed; therefore, the position of cor. monuments on this township bdy. which have reference to areas N. of the line is subject to correction, dependent, however, upon the alignment of the Tp. bdy. N. of secs. 1, 2, 3 and 4 of T.13 N., R.2 E., which sections are embraced within accepted surveys.

In 1917, G.F. Rigby, U.S.S. surveyed the completion of the S. bdy. of T.14 N., R.2 E. setting cor. monuments thereon referring to areas in said Tp. only; therefore, the N. bdy. of T.13 N., R.2 E. is technically unsurveyed on the N. of secs. 5 and 6, owing to lack of cor. monuments thereon referring to said secs.

The following notes describe a dependent resurvey of the N. bdy. of T.13 N., R.2 E., north of secs. 2, 3, and 4.

Retracement for Resurvey.

From original cor. of secs. 1, 2, 3, 5 and 36, hereinafter described,

West, on random line, on N. bdy. of sec. 2.

40.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 2 and 35. Set temp. $\frac{1}{4}$ sec. cor., and continue line and measurement.

81.22 Fall 1.22 chs. S. of the original cor. of secs. 2, 3, 34 and 35, hereinafter described.

True course and dist. of N. bdy. of sec. 2 are therefore, S. 88° 16' E., 81.26 chs.

West, on random line, on N. bdy. of sec. 3.

40.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34. Set temp. $\frac{1}{4}$ sec. cor., and continue line and measurement.

85.69 Fall 5.90 chs. S. of the original cor. of secs. 3, 4, 33 and 34, hereinafter described.

True course and dist. of N. bdy. of sec. 3 are therefore, S. 86° 01' E., 85.90 chs.

West, on random line, on N. bdy. of sec. 4 (E. $\frac{1}{2}$).

39.94 Intersect the $\frac{1}{4}$ sec. cor. of secs. 4 and 33, reestablished by G.F. Rigby, U.S.S. in 1917, hereinafter described.

True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 4 are therefore East, 39.94 chs.

Thence, West, on random line, on N. bdy. of sec. 4 (W. $\frac{1}{2}$).

39.94 Intersect the cor. of secs. 4, 5, 32 and 33, reestablished by G.F. Rigby, U.S.S., in 1917, hereinafter described.

True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 4 are therefore East, 39.94 chs.

RESURVEY.

The cor. of secs. 4, 5, 32 and 33, reestablished in 1917 by G. F. Rigby, U.S.S. is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked

BOOK 3658

10 Resurvey of part of N.bdy. of Township 13 North, Range 2 East.

Chains.

on brass cap, and witnessed by a mound of stone, W. of cor.

No bearing trees.

Alter this cor. monument to refer to secs. 4 and 5 only, by changing the markings on brass cap, to read:

T14N R 2E	
S34	
<hr/>	
S 5	S 4
T13N	R2E
1917-23	

No bearing trees available. Destroy old mound of stone, W. of cor., and raise a new mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Thence,

East, on true line, on N. bdy. of sec. 4.

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

Ascend 62 ft., over SW. slope.

9.95 Point where $\frac{1}{4}$ sec. cor. of sec. 34, T. 14 N., R. 2 E. is re-established as described in Book "C" of this group.

12.30 Spur, slopes S. Enter mountainous land,

Descend 143 ft., over steep SE. slope, to

19.90 Foot of steep slope.

Enter rolling land.

Descend 120 ft., over NE. slope to $\frac{1}{4}$ sec. cor. of sec. 4.

27.90 Wagon trail, brs. NE. and SW.

39.94 Intersect the $\frac{1}{4}$ sec. cor. of secs. 4 and 33, reestablished in 1917 by G.F. Rigby, U.S.S., which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, for reference to said secs., and witnessed by a mound of stone, N. of cor. No bearing trees.

Alter this cor. monument to refer to the quarters of sec. 4 only by changing the markings on brass cap, to read:

$\frac{1}{4}$ S 4	
1917-23	

No bearing trees available. Destroy old mound of stone, N. of cor., and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Continue line and measurement.

44.60 Descend 21 ft., over NE. slope, to

Wash, 20 lks. wide, course NE.

48.80 Ascend 48 ft., over NW. slope.

Point of spur, slopes NE.

Descend 105 ft., over NE. slope to Ash Creek.

49.95 Point where cor. of secs. 34 and 35, T. 14 N., R. 2 E. is re-established as described in Book "C" of this group.

50.00 Fall 2 lks. S. of cor. No. 3 (SW. cor.) of Forest Homestead

No. 543, which is a granite stone 18x10x8 ins. above ground firmly set and marked "HE-3" on S. face, and "CC" on N. face. Thence along S. bdy. of said homestead.

54.45 Road, Camp Verde-Dewey, brs. NW. and SE.

55.55 Wire fence, brs. N. 10° W. and S. 10° E. Enter cultivated field.

57.35 From this point, a barn brs. S. 40 lks. dist.

58.84 Thence, brs. NW. and SE.

59.14 Fence brs. N. and S.; leave cultivated field.

59.25 House of Joe Scisorilla; brs. S. 1 ch. dist.

60.55 Ash Creek, 50 lks. wide, course SE., containing stream of water, 4 lks. wide, 2 ins. deep, Thence over gently rolling land.

Ascend 33 ft., over SW. slope to cor. of secs. 3 and 4.

61.55 Enter cultivated field, brs. NW. and SE.

68.00 Leave cultivated field, brs. NW. and SE.

70.14 Intersect cor. No. 1 (SE. cor.) of Forest Homestead No. 543, which is a granite stone 2x12x12 ins. above ground,

Resurvey of part of North bdy. of Township 13 North, Range 2 East. 11

Chains.

firmly set, and marked CC on E. face, and H543 on N. face. This Homestead cor. monument is under a wire fence, bearing N. and S.

79.88 Leave S. bdy. of Forest Homestead No. 543. Intersect the original cor. of secs. 3, 4, 33 and 34, which is a granite stone 8x10x12 ins. above ground, firmly set, properly marked and witnessed by a mound of stone W. of cor. No bearing trees. Alter this cor. monument to refer to secs. 3 and 4, T. 13 N., R. 2 E. only, by destroying old markings on stone, and chiseling "S4" on SW. face and "S3" on SE. face.

No bearing trees available. Destroy old mound of stone W. of cor., and raise a new mound of stone 3 ft. base, 2 ft. high, S. of cor.

Land, rolling, mountainous and gently rolling. Soil, sandy, 2nd rate in a strip about 10 chs. wide, E. of Ash Creek; elsewhere, rocky, 4th rate. Timber, a thick growth of ash and cottonwood along Ash Creek; elsewhere, very scattering juniper. Undergrowth, scrub oak, buckbrush, catclaw and cactus.

S. 86°01'E., on true line, on N. bdy. of sec. 3. Over rolling land, thru very scattering timber and dense undergrowth.

1.20 Ascend 12 ft., over W. slope. Spur, slopes S. Enter mountainous land.

3.50 Descend 66 ft., over E. slope. Wash, 10 lks. wide, course S.

9.90 Ascend 89 ft., over W. slope. Spur, slopes S. Enter rolling land.

10.09 Descend 47 ft., over E. slope. Point where the $\frac{1}{4}$ sec. cor. of sec. 35, T. 14 N., R. 2 E. is reestablished as described in Book "C" of this group.

18.50 Wash, 10 lks. wide, course S. Ascend 54 ft., over W. slope.

36.00 Point of spur, slopes S. Descend 41 ft., over SE. slope.

39.60 Wash, 30 lks. wide, course SW. Ascend 14 ft., over NW. slope, to

42.95 (Midpoint of N. bdy. of sec. 3) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap, marked

$\frac{1}{4}$ S 3
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

49.10 Ascend 46 ft., over W. slope, to Point of spur, slopes SW. Ascend 32 ft., over S. slope.

50.19 Point where cor. of secs. 35 and 36, T. 14 N., R. 2 E. is reestablished as described in Book "C" of this group.

73.00 Ascend 74 ft., over SW. slope.

79.00 Spur, slopes S. Descend 8 ft., over E. slope, to

85.90 Intersect the original cor. of secs. 2, 3, 34 and 35, which is a juniper stake, 3 ins. square, projecting 12 ins. above ground, firmly set and marked "RIIE SXXXV on NE. face, "TXIIII N S XXXIV" on NW. face, "TXIIIN RIIE SII" on SE. face, and "TXIIIN RIIE SIII" on SW. face.

No accessories. Reconstruct this cor. monument, and change its reference to secs. 2 and 3 only as follows: Obliterate the sec. marking on the NE. and NW. faces of the old wood post, and alongside same set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 2 and 3 only, with brass cap, marked

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12 Resurvey of part of N. bdy. of Township 13 North Range 2 East.

Chains.

T14N R2 E	
S36	
S 3	S 2
T13N	R2E
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, scrub oak, buck brush, catclaw and cactus.

- S. 88°16'E., on a true line, on N. bdy. of sec. 2.
- Over rolling land, thru. very scattering timber and dense undergrowth.
- Descend 86 ft., over E. slope.
- 4.38 Point where the $\frac{1}{4}$ sec. cor. of sec. 36, T. 14 N., R. 2 E. is re-established, as described in Book "C" of this group.
- 12.10 Wash, 10 lks. wide, course S.
- Ascend 80 ft., over W. slope.
- 29.30 Spur, slopes S.
- Descend 41 ft., over SE. slope, to
- 40.63 (Midpoint of N. bdy. of sec. 2) Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for reestablished $\frac{1}{4}$ sec. cor. of sec. 2 only, with brass cap, marked

S 2	
1923	

- No bearing trees available.
- Descend 97 ft., over SE. slope.
- 42.68 Road from Dewey to Camp Verde, brs. NE. and SW.
- 43.30 Little Hackberry wash, 70 lks. wide, course S. from NE.
- Ascend 45 ft. over W. slope.
- 44.40 Point where cor. of T. 14 N., R. 2 and 3 E. is reestablished, as described in Book "C" of this group.
- 52.58 Spur, slopes S. Camp Verde-Dewey road, brs. NW. and SE.
- Descend 58 ft., over E. slope.
- 72.20 Wash, 10 lks. wide, course S. 10° E.
- Ascend 25 ft., over W. slope.
- 76.48 Spur, slopes S.
- Descend 20 ft., over E. slope.
- 79.10 Wash, 10 lks. wide, course S.
- Ascend 14 ft., over W. slope, to
- 81.26 Intersect the original cor. of secs. 1, 2, 35 and 36, T. 13 and 14 N., R. 2 E., which is a granite stone 16x14x16 ins. above ground, firmly set and properly marked for reference to said secs. No accessories.
- Reconstruct this cor. monument, and change its reference to secs. 1 and 2 only, as follows:
- Obliterate old marking on stone, and alongside same set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 1 and 2 only, with brass cap, marked

T14N R3E	
S 2	S 1
T13N	R2E
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 Timber, juniper and cottonwood.
 Undergrowth, scrub oak, buck brush, catclaw and cactus.

Resurvey of part of the Subdivision lines of T.13 N., R.2 E. 13

Chains.

The subdivision lines of the east four ranges of sections of T.13 N., R. 2 E. were surveyed by C.B.Foster, U.S.D.S. in 1877, and no retracement or resurvey of any part of said lines is of record. The following notes describe a resurvey of the meridional sec. line W. of secs. 4, 9, 16, 21, 28 and 33.

Retracement for Resurvey.

38.37 From the reestablished cor. of secs. 4 and 5, on N. bdy. of T.13 N., R.2 E., hereinbefore described, S.0°7'W., on random line, on W. bdy. of sec. 4 (N.½). Fall 1.70 chs. E. of the original ¼ sec. cor. of secs. 4 and 5, hereinafter described. True course and dist. of the N.½ of W. bdy. of sec. 4 are therefore N.2°39'E., 38.41 chs. Thence, South, on random line, searching diligently at record intervals for the original cor. monuments. No trace of any cor. monument is found, until at

124.60 Fall 3.66 chs. E. of the original cor. of secs. 8, 9, 16 and 17, hereinafter described. Thence, N.1°41'E., on trial meridional sec. line.

41.56 (Proportional dist.) Set temp. ¼ sec. cor. of sec. 9.

83.11 (Proportional dist.) Set temp. cor. of secs. 4 and 9.

124.66 (Proportional dist.) Intersect the original ¼ sec. cor. of secs. 4 and 5.

From original cor. of secs. 3, 4, 9 and 10, hereinafter described, West, (record course) on random line, bet. secs. 4 and 9.

40.00 Diligent search in this vicinity fails to reveal any trace of the original ¼ sec. cor. of secs. 4 and 9. Continue line and measurement.

80.00 (Record distance) Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 4, 5, 8 and 9. Set temp. cor. of secs. 4 and 9 at this point. Thence, West, on random line.

0.33 Fall 2.79 chs. S. of the temp. cor. of secs. 4 and 9 set at proportional dist. on trial meridional sec. line, as hereinbefore described. Therefore, the proper point for the reestablishment of the cor. of secs. 4 and 9 is 0.33 chs. E. of the temp. cor. of said secs. set at proportional dist. on trial meridional sec. line, and 2.79 chs. N. of temp. cor. of same secs. set at record dist. on record course from original cor. of secs. 3, 4, 9 and 10. The true courses and lengths of those sec. lines terminating in such reestablished point for cor. of secs. 4 and 9 are as follows:

S.½ of the W. bdy. of sec. 4 = N.1° 13'E., 41.56 chs.
W. bdy. of sec. 9, = N.1° 55'E., 83.11 chs.
Line bet. secs. 4 and 9 = N.88°00'W. 80.05 chs.

From the original cor. of secs. 8, 9, 16 and 17, hereinafter described, South, on a random line, on W. bdy. of sec. 16 (N.½).

40.18 Fall 1.40 chs. E. of the original ¼ sec. cor. of secs. 16 and 17, hereinafter described. True course and dist. of the N.½ of W. bdy. of sec. 16 are therefore N.2°00'E., 40.20 chs. Thence, South, on a random line, on W. bdy. of sec. 16 (S.½).

40.26 Fall 1.05 chs. E. of the original cor. of secs. 16, 17, 20

BOOK 3658

14 Resurvey of part of Subdivision lines of T.13 N., R.2 E.

Chains.

	and 21, hereinafter described. True course and dist. of the S. $\frac{1}{2}$ of the W. bdy. of sec. 16 are therefore, N. $1^{\circ} 29' E.$, 40.27 chs. Thence, South, on a random line, searching diligently at record intervals for original cor. monuments, but fail to find any trace of same until, at
239.39	Fall 2.65 chs. W. of the reestablished std. cor. of secs. 32 and 33, on the S. bdy. of the Tp. (3rd. Std. Par. N.) hereinafter described. Thence, N. $0^{\circ} 38' W.$, on trial meridional sec. line.
39.90	(Proportional dist.) Set temp. $\frac{1}{4}$ sec. cor. of secs. 32 and 33.
79.80	((Proportional dist.) Set temp. cor. of secs. 28 and 33.
119.70	(Proportional dist.) Set temp. $\frac{1}{2}$ sec. cor. of sec. 28.
159.60	(Proportional dist.) Set temp. cor. of secs. 21 and 28.
199.50	(Proportional dist.) Set temp. $\frac{1}{2}$ sec. cor. of sec. 21.
239.40	Intersect the original cor. of secs. 16, 17, 20 and 21, hereinafter described.

	From original cor. of secs. 21, 22, 27 and 28, hereinafter described, N. $89^{\circ} 54' W.$, (record course) on a random line, bet. secs. 21 and 28.
40.05	(Record dist.) Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{2}$ sec. cor. of secs. 21 and 28. Continue line and measurement.
77.76	Fall 2.49 chs. S. of the temp. cor. of secs. 21 and 28, set on trial meridional sec. line. Continue line and measurement.
80.10	(Record dist.) Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 20, 21, 28 and 29. Set temp. cor. of secs. 21 and 28. Therefore, the proper point for the reestablishment of the cor. of secs. 21 and 28, is 2.34 chs. W. of the temp. cor. of said secs. set on trial meridional sec. line, and 2.49 chs. N. from the temp. cor. of same secs. set at record course and dist. from the original cor. of secs. 21, 22, 27 and 28. The true course and lengths of those sec. lines extending easterly and northerly from such reestablished point for cor. of secs. 21 and 28, are as follows: W. bdy. of sec. 21 = N. $1^{\circ} 3' E.$, 79.81 chs. Line bet. secs. 21 & 28 = N. $88^{\circ} 7' W.$, 80.14 chs.

	From original cor. of secs. 27, 28, 33 and 34, hereinafter described, West, (record course) on random line, bet. secs. 28 and 33.
40.00	(Record dist.) Diligent search fails to reveal any trace of the original $\frac{1}{2}$ sec. cor. of secs. 28 and 33. Continue line and measurement.
75.98	Fall 1.56 chs. S. of the temp. cor. of secs. 28 and 33 set on trial meridional sec. line. Continue line and measurement.
80.00	(Record dist.) Diligent search fails to reveal any trace of the original cor. of secs. 28, 29, 32 and 33. Set temp. cor. of secs. 28 and 33. Therefore, the proper point for reestablishment of the cor. of secs. 28 and 33 is 4.02 chs. W. of the temp. cor. of said secs. set on trial meridional sec. line, and 1.56 chs. N. from the temp. cor. of same secs. set at record course and dist. from the original cor. of secs. 27, 28, 33 and 34. The true courses and lengths of the sec. lines terminating in such reestablished point for cor. of secs. 28 and 33 are as follows: W. bdy. of sec. 33 = N. $3^{\circ} 31' W.$, 79.95 chs. W. bdy. of sec. 28 = N. $0^{\circ} 34' E.$, 79.80 chs. Line bet. secs. 28 and 33 = N. $88^{\circ} 53' W.$, 80.02 chs.

Resurvey of part of Subdivision lines of T.13 N., R. 2 E. 15

Chains.

RESURVEY.

From the reestablished std.cor.of secs.32 and 33 on S. bdy.of Tp. (3rd.Std.Par.N.) hereinbefore described, N.3°31'W., on true line, on W.bdy.of sec.33. Over mountainous land, thru. very scattering timber and dense undergrowth.
 Descend 72 ft., over NW.slope.
 5.56 Wash, 10 lks.wide, course W.
 Ascend 261 ft., over SW.slope.
 24.50 Ridge, brs.NW. and SE.
 Descend 77 ft., over NE.slope, to
 39.98 (Proportional dist.) Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor. of secs. 32 and 33, with brass cap, marked

1
 S32 | S33
 1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft.high, W.of cor.
 Descend 51 ft., over NE. slope.
 44.90 Wash, 10 lks.wide, course S.70°E.
 Ascend 102 ft. over SE.slope.
 46.60 Barbed wire fence, brs.NW. and SE.
 52.10 Spur, slopes E.
 Descend 86 ft., over N.slope.
 52.20 Old prospect hole, brs.W. about 70 lks.dist.
 57.90 Wash, 20 lks.wide, course E.
 Ascend 69 ft., over SE.slope.
 64.40 Spur.slopes E.
 Descend 52 ft., over N.slope.
 64.50 Barbed wire fence, brs.E. and W. Fence cor.brs.West 3 chs. dist., from which fences extend E. and S.
 68.30 Wash, 10 lks.wide, course N.60°E.
 Ascend 100 ft., over SE. slope, to
 75.17 (35,19 chs.N.3°31'W. from $\frac{1}{4}$ sec.cor.of secs.32 and 33) Intersect the Sectional Correction Line, surveyed due East from cor.of secs. 25,30,31 and 36 on W. bdy.of Tp. Closing cor.of secs.29 and 32 established at this point as hereinafter described.
 Continue line and measurement.
 Ascend 80 ft. over SE.slope, to
 79.95 Intersect the point for reestablishment of the cor.of secs. 28 and 33, determined as hereinbefore described. Set an iron post, 3 ft.long, 2 ins.in diam., 26ins.in the ground, for reestablished cor.of secs.28 and 33, with brass cap, marked

T13N | T13N
 R2E | R2E
 S29 | S28
 S33
 1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, E.of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, scrub oak and catclaw.

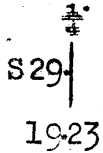
N.0°34'E., on true line, on W. bdy.of sec.28. Over mountainous land, thru. very scattering timber and dense undergrowth.
 Ascend 66 ft., over SE.slope, to
 7.02 Ridge, brs.E. and W. turns to S. at 1.00 ch.west of this point.

BOOK 3658

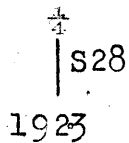
16 Resurvey of part of the Subdivision lines of T.13 N. R.2 E.

Chains.

26.32 Descend 284 ft., over N.slope.
 Wash, 10 lks. wide, course E.
 35.33 Ascend 96 ft., over SW. slope, to
 (Midpoint of E. bdy. of sec.29) Set an iron post, 3 ft.
 long, 1 in. in diam., 26 ins. in the ground, for reestab-
 lished $\frac{1}{4}$ sec.cor. of sec.29 only, with brass cap,
 marked

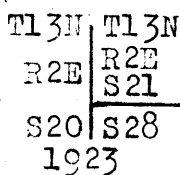


No bearing trees available; raise a mound of stone, 3 ft.
 base, 2 ft.high, W.of cor.
 39.90 Ascend 40 ft., over SW.slope, to
 ((Proportional dist.) Set an iron post, 3 ft.long, 1 in.
 diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.
 cor.of sec.28 only, with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft.high, E.of cor.
 47.82 Ascend 17 ft., over SW.slope.
 Ridge, hrs.NW, and SE.
 63.60 Descend 143 ft., over NE.slope..
 Old road, hrs.NW and SE.
 64.85 Wash, 10 lks.wide, course E.
 Ascend 57 ft., over SE.slope.
 73.80 Point of spur, slopes SE.
 75.43 Descend 17 ft., over NE. slope, to
 (80.21 chs.from C.C.of secs.29 and 32) Intersect the
 Subdivision line, bet.secs.20 and 29 surveyed due East.
 Closing cor.of secs.20 and 29 established at this point
 as hereinafter described.

79.46 Descend 35 ft., over NE.slope.
 Head of draw, course E.
 79.80 Ascend 5 ft., over SE.slope, to
 Intersect the point for reestablishment of cor.of secs.21
 and 28, determined as hereinbefore described.
 Set an iron post, 3 ft.long, 2 ins.in diam., 26 ins. in
 the ground, for reestablished cor.of secs.21 and 28,
 only, with brass cap, marked



No bearing trees available. Raise a mound of stone 3 ft.
 base, 2 ft.high, E.of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper and mesquite.
 Undergrowth, scrub oak, catclaw and cactus.

7.13 N.1° 3'E., on true line, on W.bdy. of sec.21.
 Over mountainous land, thru. very scattering timber and
 dense, undergrowth.
 16.25 Ascend 46 ft., over SE.slope.
 Ridge, hrs.E and W.
 Descend 133 ft., over N.slope.
 Wash, 20 lks.wide, course E.
 Ascend 69 ft., over SE.slope.

Resurvey of part of Subdivision lines of T.13 N. R.2 E. 17

Chains.

- 22.53 Low ridge, brs.E.and W.
Descend 43 ft., over NE.slope.
- 27.50 Wash,10 lks.wide, course E.
Ascend 57 ft., over S.slope.
- 31.53 Spur,slopes E.
Descend 28 ft.,over NE.slope,to
- 35.67 (Midpoint of E. bdy.of sec.20) Set an iron post,3 ft.long,
1 in.in diam.,26 ins.in the ground for reestablished
1/4 sec.cor. of sec.20 only, with brass cap, marked

S20

1923

- No bearing trees available. Raise a mound of stone 3 ft.
base, 2 ft.high, W.of cor.
- 39.91 Descend 25 ft.,over NE.slope,to
(Proportional dist.) Set an iron post, 3 ft.long, 1 in.
in diam., 26 ins.in the ground, for reestablished 1/4 sec.
cor. of sec.21 only, with brass cap,marked,

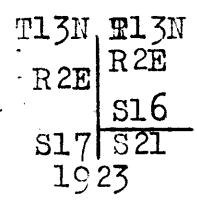
S 21

1923

- No bearing trees available; raise a mound of stone, 3 ft.
base, 2 ft.high, E.of cor.
- 56.38 Descend 89 ft., over NE.slope.
Yarba Wash, 50 lks.wide, course E. Thence across nearly
level land, bearing E. and W.
- 56.98 Barbed wire fence, brs.E.and W. N.L.Franklin's house brs.
E. about 2 chs.dist. Enter orchard.
- 59.50 Barbed wire fence brs.E.and W. Leave orchard.
- 61.75 Small reservoir, brs.E. about 20 lks.dist.
- 64.27 Barbed wire fence, brs. NE.and SW.
- 69.95 Leave nearly level,and enter mountainous land.

- 75.70 Ascend 57 ft., over SW.slope,to
(80.07 chs. from C.C of secs. 20 and 29) Intersect the
subdivision line bet. secs.17 and 20, surveyed due
east. Closing cor.of secs.17 and 20, established at
this point of intersection, as hereinafter described.

- 79.81 Ascend 63 ft., over SW.slope,to
Intersect the original cor. of secs.16,17,20 and 21,which
is a granite stone 8x12x14 ins. above.ground, properly
marked and firmly set in a mound of stone. No access-
ories. Reconstruct this cor, monument, and change
its reference to to secs.16 and 21 only, as follows:
Destroy old mound of stone, reset old stone cor.monument
in same position 10 ins.in the ground, and alongside
same, set an iron post, 3 ft.long, 2 ins.in diam.,26
ins.in the ground for cor.of secs.16 and 21 only,
with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft.high,E.of cor.
Land, mountainous, and nearly level.
Soil,rocky,4th rate.
Timber, cottonwood along Yarba wash. Juniper elsewhere.
Undergrowth, catclaw and cactus.

N.1°29' E. on a true line, on W.bdy.of sec.16 (S.1/4).
Over rolling land, thru. very scattering timber and dense
undergrowth.
Ascend 10 ft.over SW.slope.

BOOK 3658

18 Resurvey of part of Subdivision lines of T.13 N.R.2 E.

Chains.

- 1.09 Ridge, brs. NW. and SE.
Descend 46 ft., over NE. slope.
- 8.00 Wash, 10 lks. wide, course SE.
Ascend 29 ft., over SW. slope.
- 13.00 Spur, slopes SE.
Descend 97 ft. over NE. slope.
- 25.20 Fence cor. brs. W. 1 ch. dist., from which fences extend N. and W.
- 26.00 Wash, 10 lks. wide, course SE.
Ascend 48 ft., over SW. slope.
- 32.30 Spur, slopes SE.
Descend 23 ft., over NE. slope, to
- 35.80 (Midpoint of E. bdy. of sec. 17) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., of sec. 17 only, with brass cap, marked

S17

1923

No bearing trees available; raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

- 40.27 Descend 26 ft., over NE. slope, to
Intersect the original $\frac{1}{4}$ sec. cor. of secs. 16 and 17, which is a granite stone 12x12x14 ins. above ground, properly marked for reference to the quarters of said secs. firmly set in a mound of stone. No accessories.
Reconstruct this cor. monument, and change its reference to the quarters of sec. 16 only as follows:
Destroy old mound of stone, reset old stone cor. monument 10 ins. in the ground with marking " $\frac{1}{4}$ " to the E. and alongside same
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap, marked

S16

1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.

Thence,

N. 2°00' E., on true line, on W. bdy. of sec. 16 (N. 2).

Over-rolling land, thru. very scattering timber and dense undergrowth.

- 3.20 Descend 12 ft. over NE. slope.
Wash, 10 lks. wide, course SE.
Ascend 50 ft., over S. slope.
- 10.00 Spur, slopes E.
Descend 38 ft., over NE. slope.
- 16.40 Road, brs. NE. and SW.
- 30.50 Draw, course SE.
Ascend 30 ft., over SW. slope, to
- 35.44 (79.82 chs. from C.C. of secs. 17 and 20) Intersect the Subdivision line bet. secs. 8 and 17 surveyed due east. Cor. of secs. 8 and 17 established at this point of intersection, as hereinafter described.
Ascend 30 ft., over SW. slope, to
- 39.70 Road brs. NW. and SE. on spur, sloping SE.
Ascend slightly over E. slope, to
- 40.20 Intersect the original cor. of secs. 8, 9, 16 and 17, which is a granite stone 7x12x12 ins. above ground, firmly set and properly marked for reference to said secs. No accessories. Reconstruct this cor. monument, and change its reference to secs. 9 and 16 only as follows:
Alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 9 and 16 only, with brass cap marked

Resurvey of part of the Subdivision lines of T.13 N. R.2 E. 19

Chains.

T13N	T13N
R2E	R2E
S 8	S 9
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Land, rolling.
Soil, rocky, 3rd and 4th rate.
Timber, juniper and mesquite.
Undergrowth, scrub oak, catclaw and cactus.

N.1°55'E., on true line, on W. bdy. of sec.9.
Over rolling land, thru. very scattering timber and dense undergrowth.

14.54 Ascend gradually over E. slope.
Wash, 10 lks. wide, course SE.

35.33 Ascend 91 ft., over SW. slope, to
(Midpoint of E. bdy. of sec.8) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec.8 only, with brass cap, marked

$\frac{1}{4}$ S 8
1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Ascend 52 ft., over SW. slope, to
41.56 (Proportional dist.) Low ridge, bearing NW. and SE.
Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, supported in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec.9 only, with brass cap marked

$\frac{1}{4}$ S 9
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Descend 42 ft., over NE. slope, to
50.20 Ascend gradually over E. slope, to
72.12 Descend 45 ft., over NE. slope, to
75.42 (80.18 chs. from C.C. of secs. 8 and 17) Intersect the Sub-division line bet. secs. 5 and 8, surveyed due east.
Closing cor. of secs. 5 and 8 established at this point of intersection, as hereinafter described.

76.90 Descend 13 ft., over NE. slope.
Wash, 10 lks. wide, course SE. Enter nearly level land.
Ascend slightly over SW. slope, to

83.11 Point for reestablishment of cor. of secs. 4 and 9, determined as hereinbefore described. Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for reestablished cor. of secs. 4 and 9 only, with brass cap, marked

T13N	T13N
R2E	R2E
S 5	S 4
S 5	S 9
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Land, rolling.
Soil, rocky, 3rd rate.
Timber, juniper and mesquite.
Undergrowth, catclaw and scrub oak.

BOOK 3658

20 -- Resurvey of part of Subdivision lines of T.13 N. R. 2 E.

Chains.

- N.1°13'E., on true line, on W. bdy. of sec.4 (S.3).
Over nearly level land, thru. very scattering timber and dense undergrowth.
Ascend over very gradual SW.slope.
- 32.32 (40.00 chs.in northing from closing cor.of secs.5 and 8)
Set an iron post 3 ft.long, 1 in. in diam., 26 ins.in the ground, for reestablished $\frac{1}{4}$ sec.cor. of sec.5 only, with brass cap, marked
- | $\frac{1}{4}$ S 5 |
1923
- No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft.high, W. of cor.
Continue over nearly level land.
Ascend over very gradual SW.slope.
- 38.00 Old road, brs.NW. and SE.
- 41.56 Intersect the original $\frac{1}{4}$ sec.cor.of secs.4 and 5, which is a granite stone 12x10x7 ins. above ground, marked " $\frac{1}{4}$ " on W.face, firmly set. No accessories.
Reconstruct this cor.monument, and change its reference to the quarters of sec.4 only, as follows: Obliterate marking on the stone, and alongside same, set an iron post, 3 ft.long, 1 in.in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor. of sec.4 only, with brass cap, marked
- | $\frac{1}{4}$ S 4 |
1923
- No bearing trees available. Dig pits, 18x18x12 ins., one each N.and S.of cor. 3 ft.dist.
Thence,
N.2°39'E., on true line on W. bdy. of sec.4 (N. $\frac{1}{2}$).
Over nearly level land, thru. very scattering timber and dense undergrowth.
Ascend over very gradual SW.slope,
- 11.45 Old road, brs.NE. and SW.
- 24.94 Foot of slope from spur, brs.NW. and SE. Leave nearly level, and enter rolling land.
Ascend 106 ft., over SW.slope, to
- 38.41 Intersect the cor.of secs.4 and 5 on the N. bdy. of the Tp., hereinbefore described.
Land, nearly level and rolling.
Soil, gravelly and rocky, 3rd and 4th rate.
Timber, juniper.
Undergrowth, scrub oak, catclaw and skunk brush.
-

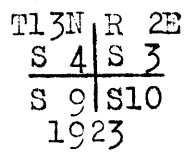
Chains.

The following notes describe the reconstruction of all those section cors. not on the resurveyed sec. lines, which were used for the reestablishment, by proportional measurement, of the missing cors. on said resurveyed sec. lines.

Corner of sections 3, 4, 9 and 10.

The original corner of secs. 3, 4, 9 and 10 is a porphyry stone 8x16x22 ins. above ground, firmly set, properly marked and witnessed by a mound of stone, W. of cor. No bearing trees.

Reconstruct this cor. monument as follows: Alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap, marked

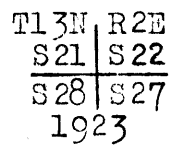


No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Corner of sections 21, 22, 27 and 28.

The original cor. of secs. 21, 22, 27 and 28 is a granite stone, 14x12x6 ins. above ground, firmly set and properly marked. No accessories. Reconstruct this cor. monument as follows:

Alongside old stone, set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap, marked

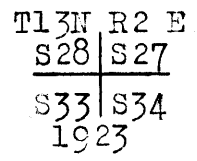


No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Corner of sections, 27, 28, 33 and 34.

The original cor. of secs. 27, 28, 33 and 34 is a mound of earth and stone in center of which is the decayed remains of a wood post. The markings on this post have been obliterated by decay. No accessories.

Reconstruct this cor. as follows: Destroy old mound, and in center of its position, reset old wood post, and alongside same, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Survey of part (completion) of N. bdy. of Township 13 North, Range 2 E.

Chains.	
	From cor. of secs. 4 and 5, T.13 N., R.2 E., hereinbefore described,
	West, on random line, on N. bdy. of secs. 5 and 6.
39.92	A point 1 lk. N. of the $\frac{1}{4}$ sec. cor. of sec. 32, established by G. F. Rigby, U.S.S. in 1917. This cor. monument is later removed, and reset at proper point on line, as described in notes of resurvey of S. bdy. of T.14 N., R.2 E., in Book "C" of this group.
	Continue line and measurement.
40.00	Set temp. $\frac{1}{4}$ sec. cor. of sec. 5, T.13 N., R.2 E.
79.94	Intersect the cor. of secs. 31 and 32, established by G. F. Rigby, U.S.S. in 1917. This cor. monument is later removed, and reset on line at proper point, as described in notes of resurvey of S. bdy. of T.14 N., R.2 E. in Book "C" of this group. Continue line and measurement.
80.00	Set temp. closing cor. of secs. 5 and 6.
119.85	Intersect the $\frac{1}{4}$ sec. cor. of sec. 31, T.14 N., R.2 E., established by G. F. Rigby, U.S.S. in 1917. This cor. monument is later removed, and reset on line at proper point as described in notes of resurvey of S. bdy. of T.14 N., R.2 E. in Book "C" of this group.
	Continue line and measurement.
120.00	Set temp. $\frac{1}{4}$ sec. cor. of sec. 6:
160.00	Set temp. closing cor. of frac. T.13 N., R.1 $\frac{1}{2}$ E. and T.13 N., R.2 E.
164.93	Point of intersection with W. bdy. of T.13 N., R.2 E., resurveyed due North from the 3rd Std. Parallel North, as hereinafter described.
	Closing cor. of frac. T.13 N., R.1 $\frac{1}{2}$ E., and T.13 N., R.2 E., established at this point of intersection, as hereinafter described.

	From the closing cor. of frac. T.13 N., R.1 $\frac{1}{2}$ E. and T.13 N., R.2 E., hereinafter described,
	East, on true line, on N. bdy. of sec. 6.
	Over nearly level land, thru. scattering timber and dense undergrowth:
	Descend slightly over SE. slope to $\frac{1}{4}$ sec. cor. of sec. 6.
11.78	Road, brs. NW. and SE.
14.88	Point where $\frac{1}{4}$ sec. cor. of sec. 32, T.14 N., R.2 E. is reestablished as described in Book "C" of this group.
40.05	(Midpoint of N. bdy. of sec. 6) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap, marked
<p>-----</p> <p>$\frac{1}{4}$ S 6</p> <p>1923</p>	
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Continue over nearly level land, thru. very scattering timber and dense undergrowth.
	Descend slightly over SE. slope.
49.80	Wash, 15 lks. wide, course S.
	Ascend slightly over W. slope.
54.88	Point where cor. of secs. 32 and 33, T.14 N., R.2 E. is reestablished, as described in Book "C" of this group.
63.10	Enter gently rolling land.
	Ascend 37 ft., over W. slope.
76.10	Low ridge, brs. NW. and SE.
	Descend 39 ft., over NE. slope, to
80.10	Intersect the Subdivision line bet. secs. 5 and 6, T.13 N., R.2 E., surveyed N.0°1'E. Closing cor. of said secs. established at this point of intersection, as hereinafter described.
	Land, nearly level and gently rolling.
	Soil, rocky, 4th rate.
	Timber, juniper and mesquite.
	Undergrowth, scrub oak, buck brush, catclaw and cactus.

BOOK 3658

24. Survey of part (completion) of North bdy. of T.13 N., R.2 E.

Chains.

- East, on true line, on N. bdy. of sec. 5.
Over gently rolling land, thru. very scattering timber
and dense undergrowth.
- 9.60 Descend 27 ft., over E. slope, to
Wash, 50 lks. wide, course SE.
Descend slightly over SE. slope.
- 9.80 Road, brs. NW. and SE.
- 11.60 Wash, 25 lks. wide, course SE.
Ascend 92 ft., over SW. slope.
- 14.78 Point where $\frac{1}{4}$ sec. cor. of sec. 33, T.14 N., R.2 E. is reestab-
lished as described in Book "C" of this group.
- 39.80 Descend slightly over SE 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. of sec. 5 only, with brass cap,
marked

18 5
1923

- No bearing trees available. Raise a mound of stone, 3
ft. base, 2 ft. high, S. of cor.
- Descend 41 ft., over SE. slope.
- 51.55 Wash, 20 lks. wide, course SE. Enter rolling land.
Ascend 178 ft., over SW. slope to cor. of secs. 4 and 5.
- 54.78 Point where cor. of secs. 33 and 34, T.14 N., R.2 E. is re-
established as described in Book "C" of this group.
- 84.83 Intersect the cor. of secs. 4 and 5, T.13 N., R.2 E., herein-
before described:
Land, gently rolling and rolling.
Soil, rocky, 3rd rate.
Timber, juniper and mesquite.
Undergrowth, scrub oak, catclaw and cactus.
-

Survey and Resurvey of West bdy. of Township 13 North, Range 2 East. 25

Chains.

The N. $4\frac{1}{2}$ miles of the West bdy. of T. 13 N., R. 2 E. as originally surveyed in 1871 was identical with the East bdy. of T. 13 N., R. 1 E. Owing to error in original survey of the E. bdy., and east four ranges of secs. of T. 13 N., R. 2 E. as hereinbefore explained, the completion of the survey of T. 13 N., R. 2 E., places its W. bdy. slightly over $1\frac{1}{2}$ miles E. from its original position. A new township designated as fractional Township 13 North, Range $1\frac{1}{2}$ East, and situated between the old and new positions of the W. bdy. of T. 13 N., R. 2 E., is created by the survey of the completion of T. 13 N., R. 2 E.

The survey of the Subdivision lines of said fractional township is described in Book "B" of this group.

In 1917, G. F. Rigby, U. S. S., resurveyed the N. $4\frac{1}{2}$ miles of the East bdy. of T. 13 N., R. 1 E., and surveyed the completion of said boundary. In said resurvey and survey all cor. monuments were reestablished or established with reference to areas W. of the line only, and no cor. monuments referring to areas in T. 13 N., R. 2 E. were reestablished or established.

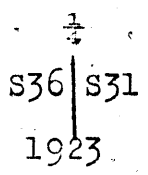
The cor. of secs. 30 and 31, T. 13 N., R. 2 E., and the $\frac{1}{4}$ sec. cor. of sec. 31 of same township having never been monumented on the range line, the south $1\frac{1}{2}$ miles of the old west bdy. of said Tp. is technically unsurveyed. The following notes describe a survey of the south $1\frac{1}{2}$ miles, and a resurvey of the N. $4\frac{1}{2}$ miles of the W. bdy. of T. 13 N., R. 2 E., the line in its new position now being identical with the East bdy. of frac. T. 13 N., R. 1 $\frac{1}{2}$ East.

SURVEY.

From original std. SE. cor. of frac. T. 13 N., R. $1\frac{1}{2}$ E., and re-established std. SW. cor. of T. 13 N., R. 2 E., on 3rd Std. Parallel North, hereinbefore described, North, on true line, bet. secs. 31 and 36.

Over mountainous land, thru. scattering timber and dense undergrowth.

- 4.00 Ascend 15 ft., over SE. slope, to Point of spur, slopes SE.
- 9.80 Ascend 20 ft., over E. slope, to Wash, 10 lks. wide, course SE.
- 26.40 Ascend 77 ft., over SW. slope. Spur, slopes SE.
- 36.10 Descend 64 ft., over NE. slope. Wash, 20 lks. wide, course SE.
- 40.00 Ascend 53 ft., over SW. slope, to Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 31 and 36, with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 50.40 Ascend 79 ft., over SW. slope. Spur, slopes SE.
- 58.00 Descend 40 ft., over NE. slope, to Head of gulch, course E.
- 58.50 Ascend 40 ft., over S. slope. Spur, slopes E.
- 59.20 Descend 40 ft., over N. slope. Wash, 10 lks. wide, course E. near head.
- 65.00 Ascend 79 ft., over S. slope. Spur, slopes E.
- 70.60 Descend 85 ft., over N. slope. Wash, 40 lks. wide, in gulch, course SE.

BOOK 3658

26 Survey and Resurvey of W. bdy. of Township 13 North, Range 2 East.

Chains.	Survey continued										
80.00	Ascend 110 ft., over SW. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap, marked										
	<table border="1"> <tr><td colspan="2">T13N</td></tr> <tr><td>R1$\frac{1}{2}$E</td><td>R2E</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td colspan="2">1923</td></tr> </table>	T13N		R1 $\frac{1}{2}$ E	R2E	S25	S30	S36	S31	1923	
T13N											
R1 $\frac{1}{2}$ E	R2E										
S25	S30										
S36	S31										
1923											
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper, mesquite and ironwood. Undergrowth, scrub oak, catclaw and cactus.										

	North, on true line, bet. secs. 25 and 30. Over mountainous land, thru. scattering timber and dense undergrowth.										
4.00	Ascend 50 ft., over SW. slope. Ridge, brs. NW. and SE.										
7.80	Descend 41 ft., over NE. slope. Wash, 5 lks. wide, course SE.										
19.40	Ascend 173 ft., over SW. slope. Spur, slopes SE.										
32.30	Descend 105 ft., over NE. slope. Wash, 6 lks. wide, course SE.										
36.10	Ascend 25 ft., over SW. slope. Spur, slopes SE.										
40.00	Descend 16 ft., over NE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground; for original $\frac{1}{4}$ sec. cor. of sec. 25, frac. T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished $\frac{1}{4}$ sec. cor. of sec. 30, T. 13 N., R. 2 E., with brass cap, marked										
	<table border="1"> <tr><td colspan="2">$\frac{1}{4}$</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td colspan="2">1923</td></tr> </table>	$\frac{1}{4}$		S25	S30	1923					
$\frac{1}{4}$											
S25	S30										
1923											
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.										

	<u>RESURVEY.</u>										
	Continue line and measurement, as resurvey of N. $\frac{1}{2}$ of W. bdy. of sec. 30, T. 13 N., R. 2 E., identical with survey of N. $\frac{1}{2}$ of E. bdy. of sec. 25, frac. T. 13 N., R. 1 $\frac{1}{2}$ E.										
53.40	Descend 105 ft., over NE. slope. Wash, 10 lks. wide, course SE.										
57.30	Ascend 63 ft., over SW. slope. Spur, slopes SE.										
64.60	Descend 60 ft., over NE. slope, to Thence over E. slope.										
75.50	Ascend 20 ft. Old road, brs. NW. and SE.										
75.90	Wash, 20 lks. wide, course SE.										
80.00	Ascend 32 ft. over SW. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for original cor. of secs. 24 and 25, frac. T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished cor. of secs. 19 and 30, T. 13 N., R. 2 E., with brass cap, marked										

Chains.

T13N	
R1 $\frac{1}{2}$ E	R2 E
S24	S19
S25	S30
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper and mesquite.
 Undergrowth, scrub oak, catclaw and cactus.

North, on true line, bet. secs. 19 and 24.
 Over mountainous land, thru. very scattering timber and dense undergrowth.

20.70 Ascend 332 ft., over SW. slope, to
 Thence along W. slope.
 40.00 Ascend 96 ft., to
 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for original $\frac{1}{4}$ sec. cor. of sec. 24, frac. T. 13 N., R. 1 $\frac{1}{2}$ E. and reestablished $\frac{1}{4}$ sec. cor. of sec. 19, T. 13 N., R. 2 E., with brass cap, marked

$\frac{1}{4}$	
S24	S19
1923	

57.20 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Ascend 112 ft., over W. slope, to
 63.10 Descend 47 ft., over NW. slope.
 Rocky wash, 20 lks. wide, course SW. near head.
 Ascend 244 ft., over SW. slope, to
 80.00 Ridge, brs. NW. and SE. Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for original cor. of secs. 13 and 24, frac. T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished cor. of secs. 18 and 19, T. 13 N., R. 2 E., with brass cap, marked

T13N	
R1 $\frac{1}{2}$ E	R 2E
S13	S18
S24	S19
1923.	

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, scrub oak and catclaw.

North, on true line, bet. secs. 13 and 18.
 Over mountainous land, thru. very scattering timber and dense undergrowth.
 Ascend 40 ft., over E. slope.
 6.50 Descend 74 ft., over NE. slope, to
 12.00 Low saddle in same ridge, brs. NE. and SW.
 Ascend 35 ft., over SW. slope.
 21.60 Same ridge, brs. NW. and SE.
 Descend 206 ft., over NE. slope, to
 36.10 Wash, 10 lks. wide, course NW.
 Descend 29 ft., over W. slope, to
 40.00 Spur, slopes N. from SE. Set an iron post, 3 ft. long;

BOOK 3658

28 Resurvey of West bdy. of Township 13 North, Range 2 East.

Chains.

1 in. in diam., 8 ins. in the ground to bed rock, supported in a mound of stone, for original $\frac{1}{4}$ sec. cor. of sec. 13, frac. T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished $\frac{1}{4}$ sec. cor. of sec. 18, T. 13 N., R. 2 E., with brass cap, marked

$\frac{1}{4}$
 S13 | S18
 1923

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 43.70 Descend 23 ft. along top of spur, sloping N. from SE. Point of spur.
- 43.70 Descend 94 ft., over N. slope.
- 52.10 Wash, 10 lks. wide, course NE. Thence over rolling land. Ascend 54 ft., over SE. slope.
- 56.00 Old road, brs. NE. and SW.
- 70.00 Descend 30 ft., over NE. slope.
- 73.10 Wash, 10 lks. wide, course SE.
- 80.00 Ascend 50 ft., over S. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for original cor. of secs. 12 and 13, frac. T. 13 N., R. 1 $\frac{1}{2}$ E. and reestablished cor. of secs. 7 and 18, T. 13 N., R. 2 E., with brass cap, marked

T13N
 R1 $\frac{1}{2}$ E | R2E
 S12 | S 7
 S13 | S18
 1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, scrub oak, catclaw, buckbrush and cactus.

- North, on true line; bet. secs. 7 and 12.
- Over rolling land, thru. very scattering timber and dense undergrowth.
- 17.90 Ascend 130 ft., over S. and SE. slopes, to Wash, 10 lks. wide, course SE. Enter mountainous land.
- 21.40 Ascend 60 ft., over SW. slope. Spur, slopes SE.
- 23.60 Descend 50 ft., over NE. slope. Head of gulch, course E.
- 29.20 Ascend 50 ft., over S. slope. Spur, slopes NE.
- 38.20 Descend 110 ft., over N. slope. Wash, 10 lks. wide in gulch, course N. 60° E.
- 40.00 Ascend 18 ft., over SE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone for original $\frac{1}{4}$ sec. cor. of sec. 12, frac. T. 13 N., R. 1 $\frac{1}{2}$ E., and reestablished $\frac{1}{4}$ sec. cor. of sec. 7, T. 13 N., R. 2 E., with brass cap, marked

$\frac{1}{4}$
 S12 | S 7
 1923

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 45.70 Ascend 35 ft., over SE. slope. Spur, slopes N. 70° E.
- 58.70 Descend 160 ft., over N. slope. Wash, 10 lks. wide, course E. Enter rolling land. Ascend 35 ft., over SE. slope, to

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for original cor. of secs. 1 and 12, frac. T. 13 N., R. 1 1/2 E., and reestablished cor. of secs. 6 and 7, T. 13 N., R. 2 E., with brass cap, marked

T13N
R1 1/2 E | R2 E
S 1 | S 6

S 12 | S 7
1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, scrub oak, catclaw and cactus.

North, on true line, bet. secs. 1 and 6.
Over gently rolling land, thru. dense undergrowth.
Ascend 18 ft., over SE. slope.

8.00 Spur, slopes NE.

Descend 40 ft., over N. slope.

16.00 Wash, 10 lks. wide, course E. Thence over nearly level land, sloping slightly to the E.

34.40 Wash, 10 lks. wide, course E.

Ascend slightly over SE. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for original 1/4 sec. cor., of sec. 1, frac. T. 13 N., R. 1 1/2 E., and reestablished 1/4 sec. cor. of sec. 6, T. 13 N., R. 2 E., with brass cap, marked

1/4
S 1 | S 6
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Ascend slightly over SE. slope.

50.00 Enter gently rolling land.

Descend 28 ft., over NE. slope.

59.50 Ascend 32 ft., over SE. slope.

67.60 Thence over nearly level land.

Ascend slightly over E. slope.

77.05 Enter gently rolling land.

Descend 30 ft., over NE. slope.

83.34 Thence over nearly level land.

Ascend slightly over SE. slope, to

87.28 Intersect the S. bdy. of T. 14 N., R. 2 E., at 4.93 chs. west of the temp. closing tp. cor. set at 160 chs. west from cor. of secs. 4 and 5, T. 13 N., R. 2 E., as hereinbefore described.

At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 32 ins. in the ground, for closing cor. of frac. T. 13 N., R. 1 1/2 E., and T. 13 N., R. 2 E., with brass cap, marked

T14N R2 E
S32

S 1 | S 6
R1 1/2 E | R2 E
T13N
CC
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

BOOK 3658

30

Chains.

Land, gently rolling and nearly level.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, scrub oak, catclaw and cactus.

Boundaries of part of T.13 N., R. 2 E.-W. 2 ranges of secs.

Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South bdy. (3rd. Std. Par. N.)	N. 80° 41' W.	41.15	.23			41.15
	S. 83° 31' W.	49.90		5.35		49.61
	N. 89° 57' W.	69.24	.06			69.24
West boundary,	North,	487.28	487.28			
North boundary,	East,	164.93			164.93	
Subdivisional boundary,	S. 2° 30' W.	38.41		38.37		1.77
	S. 1° 13' W.	41.56		41.55		.88
	S. 1° 55' W.	83.11		83.06		2.78
	S. 2° 00' W.	40.20		40.18		1.40
	S. 1° 29' W.	40.27		40.26		1.04
	S. 1° 3' W.	79.81		79.80		1.46
	S. 0° 34' W.	79.80		79.80		.79
	S. 3° 31' E.	79.95		79.80	4.90	
Convergency,					.17	
Totals.			487.57	488.17	170.00	170.12
				487.57		170.00
	Error in latitude.		0.60			
	Error in departure.				0.12	

Survey of part (completion) of Subdivision lines of T.13 N. R.2 E. 31

Chains.

The 3rd Std. Parallel North is defective in alignment S. of secs. 31 and 32, T.13 N., R.2 E.; therefore, preliminary to the survey of the Subdivision lines of the W. two ranges of sections in said township, survey a Sectional Correction Line due East from the cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp., bet. secs. 30 and 31, and bet. secs. 29 and 32. The survey of the subdivision lines of the west two ranges of secs. as hereinafter described completes the subdivision of the township.

 From the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., hereinbefore described, East, on true line, on Sectional Correction Line, bet. secs. 30 and 31.

- Over mountainous land, thru. very scattering timber and dense undergrowth.
- Ascend 33 ft., over SW. slope.
- 3.20 Ridge, brs. NW. and SE.
- Descend 72 ft., over NE. slope;
- 11.80 Wash, 10 lks. wide, course SE.
- Ascend 29 ft., over SW. slope.
- 20.90 Spur, slopes SE.
- Descend 40 ft., over NE. slope.
- 33.90 Wash, 10 lks. wide, course SE.
- Ascend 51 ft., over SW. slope.
- 36.40 Spur, slopes SE.
- Descend 62 ft., over E. 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. of secs. 30 and 31, with brass cap, marked

$\frac{1}{4}$ S 30
 S 31
 1923

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Descend 25 ft., over E. slope.
- 41.70 Road, brs. NW. and SE.
- 46.00 Wash, 10 lks. wide, course SE.
- Ascend 42 ft., over SW. slope.
- 57.00 Spur, slopes SE.
- Descend 91 ft., over NE. slope.
- 67.70 Wash, 40 lks. wide, course SE.
- Ascend 82 ft., over SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked

T13N	R2 E
S30	S29
S31	S32
1923	

No bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, catclaw and scrub oak.

- South, on random line, bet. secs. 31 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 31.
- 79:07 Intersect the reestablished std. cor. of secs. 31 and 32 on 3rd Std. Par. S., hereinbefore described.
- Thence,
- North, on true line, bet. secs. 31 and 32.

BOCK 3658

32 Survey of part (Completion) of Subdivision lines of T. 13 N., R. 2 E.

Chains.

Over mountainous land, thru. very scattering timber and dense undergrowth.
 Descend 199 ft., over NE. slope.
 30.35 Road, brs. NW. and SE.
 31.15 Rocky wash, 30 lks. wide, course SE.
 Ascend 50 ft., over SW. slope, to
 39.07 (40.00 chs. S. of cor. of secs. 29, 30, 31 and 32) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap, marked

IS 31

1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Ascend slightly over SW. 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. of sec. 32 only, with brass cap, marked

IS 32

1923

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.
 Ascend 170 ft., over SW. slope.
 67.60 Point of spur, slopes W.
 Descend 58 ft., over NW. slope, to
 79.07 Intersect the cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper, mesquite and ironwood.
 Undergrowth, catclaw, scrub oak and cactus.

From reestablished cor. of secs. 28 and 33,
 West, on random line to obtain length of line, bet. secs. 29 and 32.

75.10 Fall 4.77 chs. N. of the cor. of secs. 29, 30, 31 and 32.
 The departure of the W. bdy. of sec. 33 in 4.77 chs. on bearing $S. 3^{\circ} 31' E.$ is 29 lks. E.; therefore, the length of the true line bet. secs. 29 and 32 is 75.10 chs. + 0.29 chs. = 75.39 chs.

From cor. of secs. 29, 30, 31 and 32,
 East, on true line, bet. secs. 29 and 32, on Sectional Correction Line.

Over mountainous land, thru. very scattering timber and dense undergrowth.
 Ascend 31 ft., over NW. slope.
 2.50 Point of spur, slopes N.
 Descend 31 ft., over NE. slope.
 12.00 Wash, 5 lks. wide, course NW. near head.
 Ascend 103 ft., over SW. slope.
 18.30 Ridge, brs. NW. and SE.
 Descend 39 ft., over NE. slope.
 22.75 Trail, brs. NW. and SE.
 28.25 Wash, 5 lks. wide, course N. near head.
 Ascend 24 ft., over NW. slope, to
 35.39 (40.00 chs. West from C.C. of secs. 29 and 32) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 32 only, with brass cap, marked

IS 32

1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Asc. slightly over NW. slope, to
 36.25 Spur, slopes NE. Desc. 26 ft., over E. 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. of sec. 29 only, with brass cap, mkd.,

Survey of part (completion) of Subdivision lines of T.13 N. R.2 E. 33

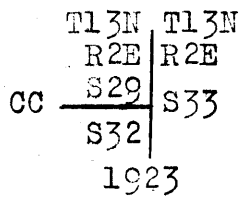
Chains.

1/2 S 29

1923

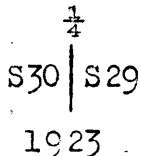
No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Desc. 67 ft., over E. slope.
 46.80 Wash, 50 lks. wide, course N. Asc. 48 ft., over W. slope.
 58.00 Spur, slopes N.
 Descend 45 ft., over E. slope.
 64.00 Wash, 70 lks. wide, course N.
 Ascend 146 ft., over W. slope.
 73.77 Ridge, brs. N. and SW.
 Descend 8 ft., over SE. slope, to
 75.39 Intersect the W. bdy. of sec. 33 at a point 4.78 chs. S. 3° 31' E. from reestablished cor. of secs. 28 and 33, herein-
 before described.

At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for closing cor. of secs. 29 and 32, with brass cap, marked



No bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper and mesquite.
 Undergrowth, scrub oak and catclaw.

From the cor. of secs. 29, 30, 31 and 32,
 N. 0° 1' E., on a true line, bet. secs. 29 and 30.
 Over mountainous land, thru. very scattering timber and dense undergrowth.
 Descend 59 ft., over NW. slope.
 3.70 Wash, 10 lks. wide, course W.
 Ascend 305 ft., over SW. slope.
 10.10 Bend in old road, brs. W. and SE.
 15.10 Old prospect hole, brs. W. 20 lks. dist.
 15.20 Spur, slopes W.
 Descend 79 ft., over NW. slope to 1/4 sec. cor.
 39.30 Old road, brs. E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor. of secs. 29 and 30, with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Descend 23 ft. over NW. slope.
 41.70 Wash, 10 lks. wide, course W.
 Ascend 359 ft., over SW. slope.
 44.70 Old road, brs. E. and W.
 73.20 Ridge, brs. NW. and SE.
 Descend 34 ft., over NE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap, marked

BOOK 3658

34 Survey of part (completion) of Subdivision lines of T.13 N.R.2E
chains.

T13N	R2E
S19	S20
S30	S29
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and mesquite.
Undergrowth, scrub oak, catclaw and cactus.

East, on a true line, bet. secs. 20 and 29.
Over mountainous land, thru. scattering timber and dense undergrowth.

31.00 Descend 333 ft., over NE. slope.
Old road, brs. NE. and SW.
35.30 Wash, 30 lks. wide, course S.60°E. Enter rolling land.
Ascend 22 ft. ft., over SW. 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. of secs. 20 and 29, with brass cap, marked

$\frac{1}{4}$	S 20
	S 29
1923	

51.50 No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
Ascend 36 ft. over SW. slope.
Spur, slopes SE.
66.50 Descend 67 ft., over NE. slope.
Wash, 10 lks. wide, course SE. Enter mountainous land.
Ascend 88 ft., over SW. slope.
68.00 Same old road, brs. NW and SE.
73.40 Spur, slopes SE.
Descend 18 ft., over NE. slope, to
75.77 Intersect W. bdy. of sec. 28 at a point 4.37 chs. S.0°34'W. from the reestablished cor. of secs. 21 and 28, hereinbefore described. 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. 20 and 29, with brass cap, marked

T13N	T13N
R2E	R2E
S20	S28
CC	S29
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous and rolling.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, catclaw, scrub oak and cactus.

40.00 From cor. of secs. 19, 20, 29 and 30.
West, on a random line, bet. secs. 19 and 30,
80.06 Set temp. $\frac{1}{4}$ sec. cor.
Fall 12 lks. S. of the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., hereinbefore described.
Thence,
S.89°55'E., on true line, bet. secs. 19 and 30.
Over mountainous land, thru. very scattering timber and dense undergrowth.
Ascend 96 ft., over SW. slope.

Survey of part (completion) of Subdivision lines of T.13 N. R.2 E. 35

Chains.

- 9.50 Ridge, brs.NW. and SE.
Descend 49 ft., over NE. slope, to
- 20.00 Wash, 10 lks.wide, course SE.
Descend gradually over SE.slope, to
- 34.80 Wash, 10 lks.wide, course S.
Ascend 58 ft., over W.slope, to
- 40.03 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins.in
the ground, for $\frac{1}{4}$ cor.of secs.19 and 30, with brass
cap, marked

$\frac{1}{4}$ S 19
 $\frac{1}{4}$ S 30
 1923

- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft.high, N.of cor.
Ascend 38 ft., over W. slope.
- 45.50 Spur, slopes S.
Descend 29 ft., over E.slope.
- 53.20 Wash, 10 lks.wide, course S.
Ascend 354 ft., over SW.slope.
- 72.30 Ridge, brs.NW. and SE.
Descend 234 ft., over NE.slope, to
- 80.06 Intersect the cor.of secs.19, 20, 29 and 30.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, buck brush, scrub oak and cactus.

N.0°1'E., on true line, bet. secs.19 and 20.
Over mountainous land, thru. very scattering timber and
dense undergrowth.

- 6.80 Descend 41 ft., over NE.slope.
Rocky wash, 10 lks.wide, course E.
- 17.90 Ascend 66 ft., over SE.slope.
Spur, slopes N.80°E.
- 30.40 Descend 142 ft. over N.slope.
Wash, 20 lks.wide, course NE.
- 40.00 Ascend 54 ft., over SE.slope, to
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the
ground, for $\frac{1}{4}$ sec.cor.of secs. 19 and 20, with brass
cap, marked

$\frac{1}{4}$ S 19 | S 20
 1923

- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft.high, W.of cor.
Ascend 156 ft., over SE.slope.
- 54.10 Spur, slopes NE.
Descend 320 ft., over N.slope.
- 78.20 Wash, 20 lks.wide, course SE. Enter rolling land.
Ascend 18 ft., over S.slope to sec.cor.
- 78.70 Old road, brs.NE. and SW.
- 80.00 Set an iron post, 3 ft:long, 2 ins.in diam., 26 ins.in the
ground, for cor.of secs.17, 18, 19 and 20, with brass
cap, marked

T13N | R2E
 S18 | S17
 S19 | S20
 1923

from which,

- A juniper, 12 ins.in diam., brs.S.6 $\frac{1}{2}$ °E., 279
lks.dist., marked T13N R2E S20 BT.
- A juniper, 14 ins.in diam., brs.S.12 $\frac{1}{2}$ °W., 390
lks.dist., marked T13N R2E S19 BT.

BOOK 3658

36

Survey of part (completion) of Subdivision lines of T.13 N. R.2 E. 35
Chains.

No other bearing trees available. Raise a mound of stone
3 ft. base, 2 ft. high, W. of cor.
Land, mountainous and rolling.
Soil, rocky, 4th rate.
Timber, juniper, mesquite and ironwood.
Undergrowth, buck brush, scrub oak, catclaw and cactus.

East, on a true line, bet. secs. 17 and 20.
Over rolling land, thru. very scattering timber and dense
undergrowth. Desc. slightly over S. slope.
9.50 Descend 58 ft., over SE. slope.
18.50 Old road, brs. NE. and SW.
22.40 Wash, 10 lks. wide, course NE.
Ascend gradually over NW. slope.
39.51 Spur, slopes NE.
Descend slightly over E. 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. of secs. 17 and 20, with brass
cap, marked

S 17
S 20
1923

No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor.
Enter mountainous land.
Descend 52 ft., over E. slope.
46.00 Wash, 10 lks. wide, course NE.
Ascend 27 ft., over NW. slope.
49.20 Point of spur, slopes NE.
Descend 61 ft., over E. slope.
56.00 Old stone wall, brs. N. and S.
56.60 Yarba wash, 50 lks. wide, containing a flowing stream of
water, 5 lks. wide, 2 ins. deep, course SE.
Ascend 132 ft., over W. slope.
65.24 House of Jim Blythe, brs. N. 25 $\frac{1}{2}$ ° W. about 30 chs. dist.
67.68 Spur, slopes S.
Descend 48 ft., over SE. slope.
73.75 Draw, course S.
Ascend 28 ft., over SW. slope; to
77.18 Intersect the W. bdy. of sec. 21 at a point, 4.11 chs. S. 1°
3' W. from the cor. of secs. 16 and 21, hereinbefore de-
scribed.
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. 17 and 20, with
brass cap, marked

T13N T13N
R2E R2E
CC S17
S20 S21
1923

No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, W. of cor.
Land, rolling and mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, cottonwood along Yarba wash; elsewhere juniper.
Undergrowth, scrub oak, buck brush, catclaw and cactus.

From cor. of secs. 17, 18, 19 and 20.
West, on random line, bet. secs. 18 and 19.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.84 Fall 8 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the
W. bdy. of the Tp., hereinbefore described.

Survey of part (completion) of Subdivision lines of T.13 N., R.2 E. 37

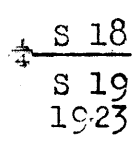
Chains.

Thence,
N.89°57'E., on true line, bet. secs.18 and 19.
Over mountainous land, thru. very scattering timber and
dense undergrowth.
Descend 269 ft., over E. slope.

13.00 Wash, 10 lks. wide, course N.80°E.
Ascend 40 ft., over NW. slope.

15.70 Descend 63 ft. over NE. slope, to
20.80 Wash, 20 lks. wide, course SE.
Descend gradually over S. slope, to
26.00 Point of low spur, slopes SE.
Descend 23 ft., over E. slope.

29.20 Wash, 10 lks. wide, course SE.
Ascend 53 ft. over SW. slope, to
39.92 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground to bed rock, deposit a stone, marked with a
cross (x) at base of post, and raise a mound of stone,
around post, for $\frac{1}{4}$ sec. cor. of secs. 18 and 19, with
brass cap, marked



No bearing trees available. Raise a mound of stone, 3
ft. base, 2 ft. high, N. of cor.
Ascend 60 ft., over SW. slope.

51.00 Spur, slopes SE.
Descend 254 ft., over E. slope.

74.60 Old road, brs. NE. and SW.
75.70 Wash, 20 lks. wide, course SE. Enter rolling land.
Ascend slightly over SW. slope.

78.40 Same road, brs. NW. and SE.
Descend slightly over S. slope, to
79.84 Intersect the cor. of secs. 17, 18, 19 and 20.
Land, mountainous and rolling.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, buck brush, scrub oak, catclaw and cactus.

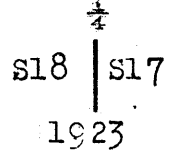
N.0°1'E., on true line, bet. secs. 17 and 18.
Over rolling land, thru. very scattering timber and dense
undergrowth.
Ascend 71 ft., over S and SE. slopes.

5.90 Barbed wire fence, brs. NW. and SE. which at a point 250
lks. SE. from this point turns to NE.

19.50 Saddle in ridge, brs. E. and W. Enter mountainous land.
Descend 168 ft., over NE. slope.

32.10 Wash, 30 lks. wide, course SE.
Ascend 136 ft., over SW. slope to $\frac{1}{4}$ sec. cor.

39.50 Old prospect hole, brs. E. about 50 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. of secs. 17 and 18, with brass
cap, marked



No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, W. of cor.
Enter rolling land.

Ascend 39 ft., over SW. slope.

49.80 Barbed wire fence, brs. E. and W.
52.00 Saddle in low ridge, bearing NW. and SE.
Descend 72 ft., over NE. slope.

64.40 Wash, 10 lks. wide, course E. Enter mountainous land.
Ascend 56 ft., over SE. slope.

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38 Survey of part (completion) of Subdivision lines of T.13 N. R.2 E.

Chains.

- 70.00 Point of spur, slopes E.
Descend 66 ft., over NE. slope.
- 76.20 Wash, 10 lks. wide, course SE.
Ascend 77 ft., over SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked

T13N	R2 E
S 7	S 8
sl8	sl7
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, rolling and mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, juniper,
Undergrowth, buck brush, scrub oak, catclaw and cactus.

-
- East, on true line, bet. secs. 8 and 17.
Over mountainous land, thru. very scattering timber and dense undergrowth.
Ascend 18 ft., over SW. slope.
- 5.00 Spur, slopes SE.
Descend 145 ft., over E. slope, to
- 19.00 Enter rolling land.
Descend 62 ft., over E. slope.
- 26.40 Old road, brs. NE. and S.
- 28.00 Foot of descent, brs. N. and S. Enter nearly level land.
Descend slightly over E. slope, through scattering undergrowth.
- 33.80 Barbed wire fence, brs. NE. and S.
- 34.70 Irrigation ditch, 5 lks. wide, course S.
- 36.00 Enter cultivated field, brs. N. and S.
- 38.80 Leave cultivated field, brs. N. and S.
- 38.90 Barbed wire fence, brs. N. and S.
- 39.40 Yamba Wash, 40 lks. wide, course S. Continue over nearly level land, thru. scattering undergrowth.
Ascend slightly over W. slope to $\frac{1}{4}$ sec. cor.
- 39.80 Wm. West's house, brs. N. about 14 chs. 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., of secs. 8 and 17, with brass cap, marked

$\frac{1}{4}$ S 8
S 17
1923.

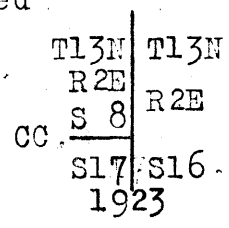
from which,

- A cottonwood, 14 ins. in diam., brs. N. $77\frac{1}{2}^{\circ}$ W., 110 lks. dist., marked $\frac{1}{4}$ S 8 BT.
- A hackberry, 8 ins. in diam., brs. S. $14\frac{1}{2}^{\circ}$ W., 133 lks. dist., marked $\frac{1}{4}$ S 17 BT.
- Leave nearly level, and enter rolling land, thru. very scattering timber and dense undergrowth.
Ascend 48 ft., over W. slope.
- 48.00 Low ridge, brs. N. and S.
Descend 105 ft., over SE. slope.
- 51.37 From this point, Jim Blythe's house, brs. S. $10^{\circ}47'W$.
- 67.10 Wire fence, brs. N. and S.
- 75.10 Wash, 30 lks. wide, course SE.
Ascend 19 ft., over SW. slope, to
- 79.52 Intersect the W. bdy. of sec. 16 at a point 4.76 chs. S. $2^{\circ}00'W$. from the cor. of secs. 9 and 16, hereinbefore described.
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. 8 and 17, with

Survey of part (completion) of Subdivision lines of T.13 N., R.2 E., 39

Chains.

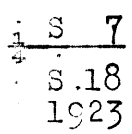
brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous, rolling and nearly level. Soil, sandy, 2nd rate in a strip about 10 chs. wide, bearing N. and S. along Yarba Wash; rocky, 4th rate, elsewhere. Timber, cottonwood and mesquite along Yarba wash; juniper elsewhere. Undergrowth, cactus, catclaw, scrub oak and buck brush.

- 40.00 Temp. $\frac{1}{4}$ sec. cor.
- 80.06 Fall 17 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described.
- Thence, S. $89^{\circ}53'E.$, on a true line, bet. secs. 7 and 18. Over rolling land, thru. very scattering timber and dense undergrowth.
- 4.60 Ascend 23 ft., over SW. slope.
- 10.00 Descend 41 ft., over S. slope, to Enter mountainous land.
- 29.06 Descend 223 ft., over SE. slope.
- 35.00 Old road, brs. NE. and SW. Wash, 30 lks. wide, course NE.
- 40.03 Ascend 91 ft., over W. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 7 and 18, with brass cap, marked



- 50.00 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 143 ft., over W. slope. Ridge, brs. N. and S.
- 60.86 Descend 240 ft., over E. slope. Wire fence brs. N. $10^{\circ}W.$ and S. $10^{\circ}E.$
- 66.30 Head of wash, course N. Ascend 40 ft., over NW. slope.
- 69.00 Spur, slopes NE. Descend 69 ft., over NE. slope, to
- 75.05 Head of wash, course SE. Descend gradually, over S. slope, to
- 80.06 Intersect the cor. of secs. 7, 8, 17 and 18. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, buck brush, scrub oak, catclaw and cactus.

- 2.80 N. $0^{\circ}01'E.$, on true line, bet. secs. 7 and 8. Over mountainous land, thru. very scattering timber and dense undergrowth. Ascend 29 ft., over S. slope.
- 15.20 Spur, slopes SE., from W. Descend 89 ft., over NE. slope. Wash, 10 lks. wide, course SE. Leave mountainous land, and enter rolling land. Asc. 12 ft., over SE. slope.
- 17.40 Wire fence, brs. E. and W.

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40 Survey of part (completion) of Subdivision lines of T.13 N.R.2 E.

Chains.

- 17.50 Low spur, slopes N.80°E. Desc. 35 ft., over N. slope.
 23.00 Wash, 20 lks. wide, course N.80°E. Thence over nearly level
 land. Asc. slightly over SE. slope, to $\frac{1}{4}$ sec. cor.
 39.10 Old road, brs. E. and 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. of secs. 7 and 8, with brass cap,
 marked

$$\begin{array}{c} \frac{1}{4} \\ \$ 7 | S 8 \\ 1923 \end{array}$$

No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft. high, W. of cor.
 Continue over nearly level land, thru. very scattering timber
 and dense undergrowth.
 Ascend gradually over E. slope to sec. cor.

- 58.00 Leave dense undergrowth. Thence across open lands.
 60.80 Road, brs. NW and SE.
 62.50 Old road, brs. NW and SE.
 65.00 Leave open land, and enter very scattering timber and
 dense undergrowth, brs. E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the
 ground, for cor. of secs. 5, 6, 7 and 8, with brass cap,
 marked

$$\begin{array}{c|c} T13N & R2E \\ \hline S 6 & S 5 \\ \hline S 7 & S 8 \\ 1923 \end{array}$$

No bearing trees available. Raise a mound of stone 3 ft.
 base, 2 ft. high, W. of cor.
 Land, mountainous, rolling and nearly level.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, buck brush, scrub oak, catclaw and cactus.

- East, on true line, bet. secs. 5 and 8.
 Over nearly level land, thru. very scattering timber and
 dense undergrowth. Desc. slightly over E. slope, to
 7.50 Enter rolling land. Desc. 63 ft., over E. slope.
 13.80 Wire fence, brs. N. and S. Fence cor. brs. S. 60 lks. dist., from
 which fences extend N. and N.80°E.
 14.00 Leave undergrowth, brs. NW and SE. Enter cultivated field.
 16.60 Road, brs. N. and S. Leave cultivated field, brs. N. and S.
 16.70 Fence, brs. N.80°E. and S.80°W.
 18.20 Yarba wash, 60 lks. wide, course S. Asc. 38 ft. over SW. slope.
 27.00 Spur, slopes SE. Desc. 39 ft., over E. slope to $\frac{1}{4}$ sec. cor.
 29.10 Road, brs. NW and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of secs. 5 and 8, with brass
 cap, marked

$$\begin{array}{c} \frac{1}{4} S 5 \\ S 8 \\ 1923 \end{array}$$

- No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft. high, N. of cor.
 Descend slightly over E. slope.
 41.00 Wash, 10 lks. wide, course SE. Asc. 92 ft., over SW. slope.
 54.00 Spur, slopes SE. Desc. 97 ft., over NE. slope to closing
 cor.
 76.00 Enter dense undergrowth, brs. N. and S.
 82.00 Intersect the W. bdy. of sec. 9 at a point, 7.69 chs. S. 1°55'
 W. from the reestablished cor. of secs. 4 and 9, herein-
 before described.
 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. 5 and 8, with
 brass cap, marked

Survey of part(completion)of Subdivision lines of T.13 N.,R.2 E. 41

Chains.

T13N	T13W
R2E	R2E
S. 5	S. 9
CC—S 8	
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
 Land, nearly level in W.7½ chs.; remainder, rolling.
 Soil, rocky, 3rd rate on slopes; sandy loam, 2nd rate in fields.
 Timber, juniper.
 Undergrowth, scrub oak, catclaw and cactus.

40.00 From cor.of secs.5,6,7 and 8,
 West, on random line, bet.secs.6 and 7.
 Set temp.¼ sec.cor.
 80.16 Fall 17 lks.S. of the cor.of secs.1,6,7 and 12, on the W.
 bdy.of the Tp., hereinbefore described.
 Thence,
 S.89°53'E., on true line, bet. secs.6 and 7.
 Over rolling land, thru. very scattering timber and dense undergrowth.
 Descend 40 ft., over SE.slope.
 11.60 Wash, 20 lks.wide, course N.Asc.60 ft., over NW.slope.
 18.91 Descend 116 ft., over N.slope to ¼ sec.cor.
 39.46 Road, brs.NW. and SE.
 40.08 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins.in the ground, for ¼ sec.cor.of secs.6 and 7, with brass cap, marked

¼ S 6
S 7
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, N.of cor.
 Continue over rolling land, thru.very scattering timber and dense undergrowth.
 Descend 162 ft., over NE.slope.
 46.36 Old road, brs.NW. and SE.
 68.00 Enter nearly level land.Desc.slightly over E.slope, to
 80.16 Intersect the cor.of secs.5,6,7 and 8.
 Land, rolling and nearly level.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, scrub oak, catclaw and cactus.

N.0°1'E., on true line, bet.secs.5 and 6.
 Over nearly level land, thru.very scattering timber and dense undergrowth.
 1.73 Leave nearly level, and enter rolling land.
 Descend 34 ft., over NE.slope.
 8.20 Wire fence, brs.E. and W.
 11.50 Wash, 40 lks.wide, course SE.Thence over nearly level land.
 Ascend slightly over S.slope to ¼ sec.cor.
 21.50 Road, brs.NE. and SW.
 30.90 Wire fence, brs.NE. and SW.
 40.00 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins.in the ground, for ¼ sec.cor.of secs.5 and 6, with brass cap, marked

¼
S 6 S 5
1923

No bearing trees available. Raise a mound of stone, 3 ft.

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42 Survey of part (completion) of Subdivision lines of T.13 N., R.2 E.

Chains.

base, 2 ft. high, W. of cor.
 Thence, over rolling land.
 Ascend 117 ft., over SW. slope.
 43.00 House of Mike Zunick, brs. E. about 12 chs. dist.
 68.00 Ridge, brs. NW. and SE.
 Ascend slightly over E. slope.
 71.40 Descend 26 ft., over NE. slope.
 79.20 Ascend 19 ft., over E. slope, to
 87.58 Intersect N. bdy. of the Tp. at a point 14.78 chs. west of
 the reestablished $\frac{1}{4}$ sec. cor. of sec. 33, T.14 N., R.2 E.
 described in Book "C" of this group.
 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. 5 and 6, with brass cap, marked

T14N R2E	
S33	
S 6	S 5
T13N	R2. E
C	C
1923	

No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft. high, S. of cor.
 Land, nearly level and rolling.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, scrub oak, catclaw and cactus.

The continued satisfactory adjustment of the solar appa-
 ratus of the instruments used in the execution of
 the resurveys and surveys described in the foregoing
 notes is indicated from field tests described in Book
 "C" of this group.

GENERAL DESCRIPTION.

This township is situated in the Black Hills, and on the
 East side of the Agua Fria River. The surface is moun-
 tainous, and the elevation ranges from 3,000 to 4,000
 ft. above sea level. The drainage is chiefly SE. into
 the Agua Fria river and Ash Creek. The only land of
 agricultural value lies along Yarba Wash. The grazing
 value of the land is fair. The timber is very scatter-
 ing, and has no merchantable value, except as wood and
 fence posts. Throughout the portion of the Tp. surveyed,
 there are numerous indications of valuable mineral de-
 posits, as evidenced by tunnels, shafts and other min-
 ing development work done. The principal road passes
 thru. secs. 5, 8, and 17, from the Dewey-Camp Verde Highway
 SE. to the lower Agua Fria Valley. An old mine road,
 little used passes thru. secs. 30 and 31. The settlers
 residing in the area surveyed are Mike Zunick in sec. 5,
 Wm. West in sec. 8, Jim Blythe in sec. 17, and N. E. Frank-
 lin in sec. 20, with improvements consisting of houses,
 outbuildings, wells, corrals, fences and cultivated land.
 The chief crops raised are corn, potatoes, fruit and vege-
 tables. There is a school house in sec. 8.
 There is no water away from the settlements.
 The 4th Meridional sec. line forms part of the West bdy.
 of the Prescott National Forest Reserve, the East four
 ranges of sections in this township being within said
 reserve.

BOCK 3658
43

4-680

FIELD ASSISTANTS. to

Ty White, U. S. Transitman,

NAMES.	CAPACITY.
John B. McClung,	1st chainman,
Donald W. Allen,	2nd chainman,
Homer Pepper,	cornerman,
Emory Chapman,	cornerman,
Carl Anderson,	axman
Marshall Walton,	flagman,
Fred Ames,	flagman.

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ ^{TRANSITMAN}

I, Ty White, U. S. ~~Surveyor~~ ^{Transitman}, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 120, Arizona bearing date of the 26th day of May, 1922, 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, ^{re} surveyed all those parts or portions of the 3rd Std. Parallel North in Range 2 East, the West and North boundaries and Subdivision lines of Township 13 North, Range 2 East and surveyed all those parts or portions of the North boundary and Subdivision lines of Township 13 North, Range 2 East of the Gila & 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 resurvey and~~ 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 120, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~resurvey and~~ survey.

Place... Long Beach, Calif.
 Date... July 27, 1925.

Ty White

U. S. ~~Surveyor~~ ^{Transitman}.

~~APPROVAL~~

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

The foregoing field notes of the survey of _____, 1922

executed by _____

under his special instructions dated _____, 1922, 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.

CERTIFICATE OF UNITED STATES ^{TRANSITMAN} ~~SURVEYOR~~

I, Benjamin J. Kinsey, U. S. ^{Transitman} ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 120, Arizona bearing date of the 26th day of May, 1922, 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, ^{re} surveyed all those parts or portions of the 3rd Std. Par. N. in Range 2 East, and Subdivision lines of Township 13 North, Range 2 East and surveyed all those parts or portions of the Subdivision lines of
Township 13 North, Range 2 East

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 ^{resurvey and} 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 120, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ^{re} survey. and survey.

Place Phoenix, Arizona.

Date Mar 14 1925

Benjamin J. Kinsey
U. S. ~~Surveyor~~
^{Transitman}

APPROVAL.

OFFICE OF THE U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, August 13, 1925.

The foregoing field notes of the Resurvey of the
3rd Standard Parallel North, thru. part of Range 2 East,
West Bdy., part of North Bdy., and part of Subdivision lines;
and survey of part (completion) of
North boundary, West boundary and Subdivision lines
all of Township 13 North, Range 2 East,

of the Sila and Salt River Base and Meridian, in the State of Arizona,
executed by Benjamin J. Kinsey and Ty. White, U.S. Transitmen,
under ~~his~~ special instructions dated May 26, 1922, for Group 120, Arizona, , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re-} surveys and surveys they describe, are hereby approved.

Wm. D. Johnson
U. S. Supervisor of Surveys

~~I certify that the foregoing transcript of the field notes of the above described surveys in Book "A" of Group 120, Arizona, has been correctly copied from the original notes on file in this office.~~

U. S. Surveyor General.