

3774
Book "C"

4-679

BOOK 3774

FIELD NOTES

OF THE RESURVEY OF

Part of the Subdivision Lines

AND OF THE SURVEY OF

Part (completion) of the Subdivision Lines

OF

Township 13 South, Range 21 East

of the *Gila and Salt River Base and Meridian,*

In the State of

Arizona

EXECUTED BY

Otis O. Gould

U. S. Transitman

In the capacity of U. S. Surveyor..., under Special Instructions dated *June 25*, 1924,
issued by the United States Surveyor General to govern surveys included in Group
No. *134 Arizona*, which were approved by the Commissioner of the General Land
Office, *July 26*, 1924, and Assignment Instructions dated *December 2*, 1925.

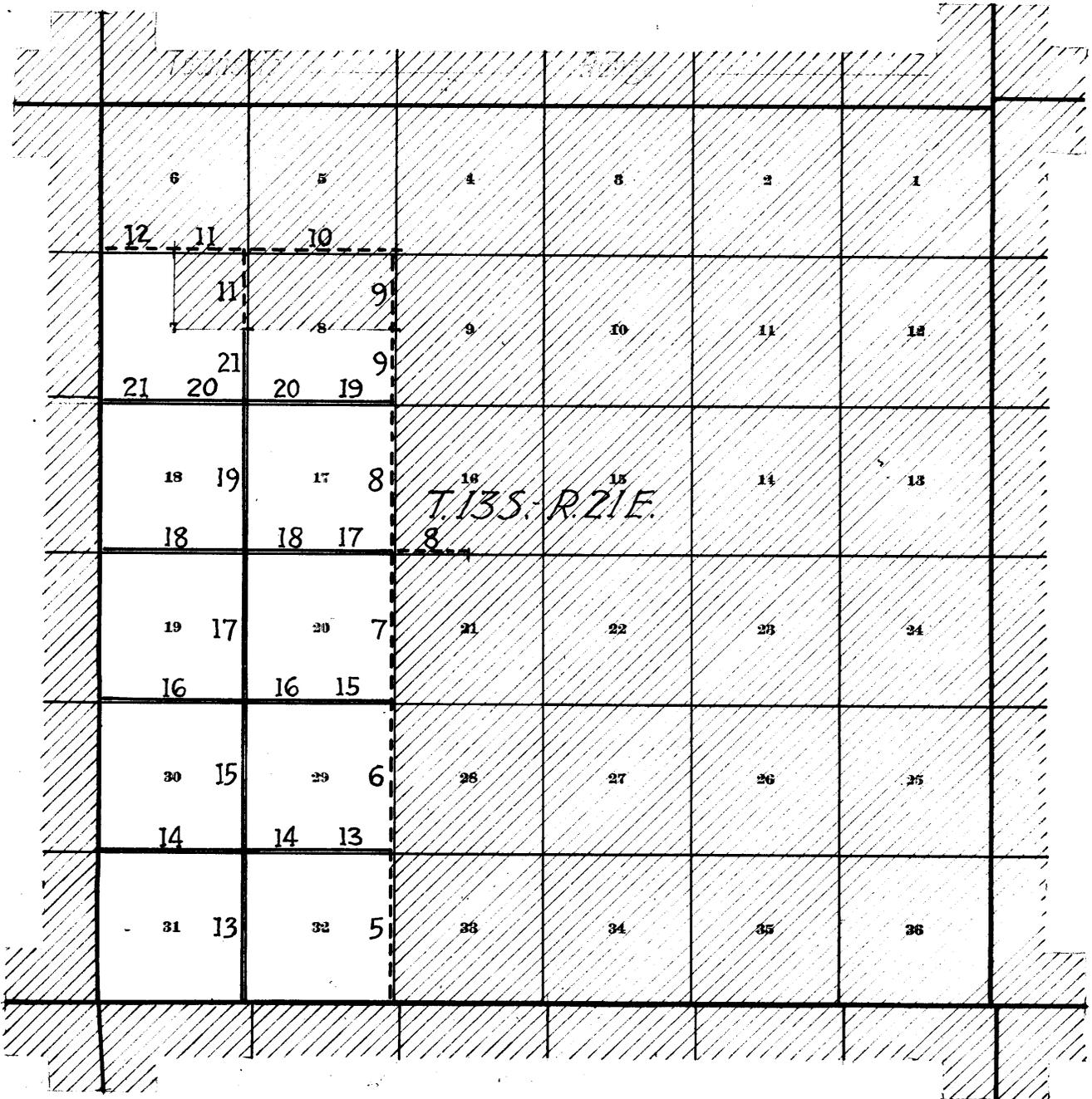
Resurvey and Survey commenced *January 29*, 1926.

Resurvey and Survey completed *February 9*, 1926.

3774

BOOK 3774

INDEX DIAGRAM.



— Surveved under this group.

- - - Resurveved under this group.

— Accepted survevs.

▨ Areas surveved as per accepted plats on file.

Book "C"

Group 134 - - - Arizona.

Township 13 South, Range 21 East.

DATE DIAGRAM.

1926

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

- Indicate lines surveyed by Otis O. Gould, U.S. Transitman, on dates shown hereon.
- - - - - Indicates lines retraced & resurveyed by Otis O. Gould, U.S. Transitman, on dates shown hereon.
- Indicates accepted surveyed lines.

Adjustments, Resurveys, and Surveys herein described were executed on dates shown on the diagram on page 1 hereof, by Otis O. Gould, U.S. Transitman, using Young and Sons solar transit No. 8541. The instrument is equipped with a full vertical circle and the Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

Jan. 24, 1926; Examine the adjustments of the instrument and correct all errors; then, to test the solar apparatus by comparing its indications resulting from observations made during a.m. and p.m. with a meridian established by Wm. H. Thorn, U.S. Cadastral Engineer, near the cor. of secs. 2, 3, 10 & 11, in T. 16 S. R. 19 E. For Polaris observation see book "B" of this group.

At 9h. a.m. app. time, set off $32^{\circ} 3\frac{1}{2}'$ N. on the latitude arc, and $19^{\circ} 14\frac{1}{2}'$ S. on the decl. arc, and determine a meridian with the solar which falls within 1' of the true meridian.

At app. noon with the lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is $19^{\circ} 13'$ S., which agrees with the computed decl. of the sun.

At 3h.p.m. app. time, with the lat. arc unchanged, set off $19^{\circ} 11'$ S. on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian.

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

Unless otherwise specified, all measurements are made with Lufkin steel tapes, 5 chs. in length, compared with a Lufkin 1 ch. standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

chains.

The sub. lines of the east 4 ranges of sections, sections 5 and 6, and north halves of secs. 7 and 8 of this township were surveyed in 1900 by J. A. Rockfellow, U.S.D.S., and no retracement or resurvey of any part of same is of record.

No other subdivision lines of this tp. have been surveyed.

The following notes describe a resurvey of all subdivision lines bounding the unsurveyed portion of this township, also $W\frac{1}{2}$ of line bet. sections 16 & 21.

Retracement for Resurvey.

From the cor. of secs. 32 and 33 on the S. bdy of this township hereinafter described.

40.09 N. $0^{\circ} 2'$ W. on random line bet. secs. 32 and 33 ($S\frac{1}{2}$).
 Fall 1 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 32 and 33, hereinafter described.

True course and dist. of $S.\frac{1}{2}$ of line bet. secs. 32 and 33, are therefore N. $0^{\circ} 3'$ W., 40.09 chs.

40.09 Thence,
 N. $0^{\circ} 2'$ W. on random line bet. secs. 32 and 33 ($N.\frac{1}{2}$)
 Fall 2 lks. W. of the original cor. of secs. 28, 29, 32 and 33, hereinafter described.

True course and dist., of $N.\frac{1}{2}$ of line bet. secs. 32 and 33, are therefore, North, 40.09 chs.

39.99 N. $0^{\circ} 2'$ W., on random line, bet. secs. 28 and 29 ($S.\frac{1}{2}$).
 Fall 4 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 28 and 29, hereinafter described.

True course and dist. of $S.\frac{1}{2}$ of line bet. secs. 28 and 29 are therefore, N. $0^{\circ} 5'$ W., 39.99 chs.

40.09 Thence,
 N. $0^{\circ} 2'$ W. on random line bet. secs. 28 and 29 ($N.\frac{1}{2}$).
 Fall 4 lks. E. of the original cor. secs. 21, 22, 28 and 29, hereinafter described.

True course and dist., of $N.\frac{1}{2}$ of line bet. secs. 28 and 29 are therefore, N. $0^{\circ} 5'$ W., 40.09 chs.

40.09 Thence,
 N. $0^{\circ} 2'$ W., on random line, bet. secs. 20 and 21 ($S.\frac{1}{2}$).
 Fall 4 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 20 and 21, hereinafter described.

True course and dist. of $S.\frac{1}{2}$ of line bet. secs. 20 and 21, are therefore N. $0^{\circ} 5'$ W. 40.09 chs.

40.00 Thence,
 N. $0^{\circ} 2'$ W. on random line bet. secs. 20 and 21 ($N.\frac{1}{2}$).
 Diligent serch in this vicinity fails to reveal any trace of the original cor. of secs. 16, 17, 20 and 21.

80.14 Continue line and measurement.
 Fall 2 lks. west of the original $\frac{1}{4}$ sec. cor. of secs. 16 and 17, hereinafter described.

40.07 Thence,
 S. $0^{\circ} 1'$ E., on trial meridional sec. line, bet. secs. 16 and 17. ($S.\frac{1}{2}$)
 (proportional distance.) Set. temp. cor. (A) of secs. 16, 17, 20 and 21.

40.06 From the true point for $\frac{1}{4}$ sec. cor. of secs. 16 and 21, S. $89^{\circ} 56'$ W. on random line, bet. secs. 16 and 21 ($W.\frac{1}{2}$).
 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 16, 17, 20 and 21.

Resurvey of part of sub. lines of T.13 S. R.21 E.

chains

Set temporary cor. (B) of said secs. . . .
Thence,
West,

0.12 Intersect the temporary. cor. (A) of same secs. set at proportional distance on the meridional sec. line as hereinbefore described.
The point for reestablishment of the missing sec. cor. is therefore 12 lks. E. of temp. cor. (A) and identical with temp. cor. (B).
The resulting true courses and dists. of the sub. lines extending southerly, easterly, and northerly from this reestablished sec. cor. are;
N $\frac{1}{2}$ of line bet. secs. 20 and 21 = N. 0° 9' E. 40.07 chs.
W $\frac{1}{2}$ of line bet. secs. 16 and 21 = S. 89° 56' W. 40.06 chs.
S $\frac{1}{2}$ of line bet. secs. 16 and 17 = N. 0° 11' W. 40.07 chs.

40.07 From the $\frac{1}{4}$ sec. cor. of secs. 16 and 17, hereinafter desc. N. 0° 2' W. on random line bet. secs. 16 and 17. (N. $\frac{1}{2}$).
Fall 7 lks. W. of the orig. sec. cor. of secs. 8, 9, 16 & 17. hereinafter described.
True course and dist. of N. $\frac{1}{2}$ of line bet. secs. 16 & 17. are therefore, N. 0° 4' E. 40.07 chs.

39.89 Thence,
N. 0° 2' W. on random line bet. secs. 8 and 9. (S. $\frac{1}{2}$).
Fall 1 lk. E. of the orig. $\frac{1}{4}$ sec. cor. of secs. 8 and 9. hereinafter described.
True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 8 and 9, are therefore N. 0° 3' W. 39.89 chs.

40.14 Thence,
N. 0° 2' W. on random line bet. secs. 8 and 9. (N. $\frac{1}{2}$).
Fall 9 lks. W. of the orig. of secs. 4, 5, 8 and 9. hereinafter described.
True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 8 and 9, are therefore N. 0° 6' E. 40.14 chs.

40.42 West on random line bet. secs. 5 and 8 (E $\frac{1}{2}$).
Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 5 and 8 hereinafter described.
True course and dist. of E $\frac{1}{2}$ of line bet. secs. 5 and 8 are therefore, West, 40.42 chs.

39.37 Thence,
West on random line bet. secs. 5 and 8 (W $\frac{1}{2}$).
Fall 2 lks. N. of the orig. cor. of secs. 5, 6, 7 and 8 hereinafter described.
True course and dist. of W $\frac{1}{2}$ of line bet. secs. 5 and 8 are therefore S. 89° 58' W., 39.37 chs.

39.65 S. 0° 3' E. on random line bet. secs. 7 and 8 (N $\frac{1}{2}$).
Fall 7 lks. E. of the orig. $\frac{1}{4}$ sec. cor. of secs. 7 and 8. hereinafter described.
True course and dist., of the N. $\frac{1}{2}$ of line bet. secs. 7 and 8, are therefore S. 0° 3' W. 39.65 chs.

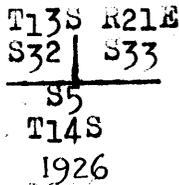
40.02 From cor. of secs. 5, 6, 7 and 8
N. 89° 51' W. on random line, bet, secs. 6 and 7 (E. $\frac{1}{2}$).
Intersect the original $\frac{1}{4}$ sec. cor. of secs. 6 and 7, hereinafter described.
True course and dist. of the E. $\frac{1}{2}$ of line bet. secs. 6 and 7, are therefore, N. 89° 51' W. 40.02 chs.
Thence,
N. 89° 51' W. on random line, bet, secs. 6 and 7 (W. $\frac{1}{2}$).

chains.

40.24 Fall 4 lks. N. of the cor. of secs. 1, 6, 7 and 12, on the West bdy, of the Tp., hereinafter described.
True course and dist. of the (W. $\frac{1}{4}$) of line bet. secs. 6 and 7, are therefore, N. 89° 54' W. 40.24 chs.

RESURVEY.

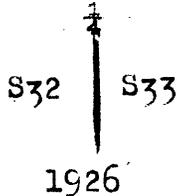
The cor. of secs. 32 and 33 on S. bdy. of the Tp. is a stone 12x8x6 ins. above ground, marked with 4 notches on the E. face, 2 notches on west face, and witnessed by a mound of stone W. of cor. No bearing trees.
Reconstruct this cor. monument as follows;
Along side of old stone, set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 32 and 33, marked on brass cap.



Move old mound of stone from W. to N. of cor.

Thence,
N. 0° 3' W., on true line, bet. secs. 32 and 33. (S. $\frac{1}{4}$).
Over, mountainous land.

4.50 Through, scattering undergrowth.
Dry wash, 10 lks. wide course E.
Ascend 215 ft. over S. slope.
16.30 Ridge, brs. E. and W.
Descend 110 ft. over S. E. slope to
40.09 Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 32 and 33, which is a stone 10x8x6 ins. above ground, marked $\frac{1}{4}$ on west face, and witnessed by a mound of stone W. No bearing trees.
Reconstruct this cor. monument as follows; Along side old stone, set an iron post 3 ft. long, 1 in. in diam., 14 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. 32 and 33, marked on brass cap.



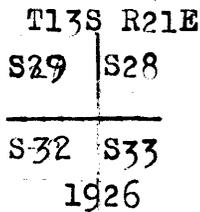
No bearing trees available,
Thence,
North on true line bet. secs. 32 and 33 (N. $\frac{1}{2}$).

19.00 Desc. 103 ft. over N. slope.
Dry wash, 10 lks. wide, course W.
Ascend 109 ft. over S. slope
27.00 Spur, slopes S.W.
Desc. 70 ft over N.W. slope to
40.09 Intersect original cor. of secs. 28, 29, 32 and 33, which is a limestone 12x10x8 ins. above ground, marked with 4 notches on E. face and 2 notches on S. face, and witnessed by a mound of stone W. of cor. No bearing trees.
Reconstruct this cor. monument as follows; Along side of old stone, set an iron post 3 ft. long, 2 ins. in diam., 2 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

Resurvey of part of sub. lines of T.13 S. R.21 E.

chains.

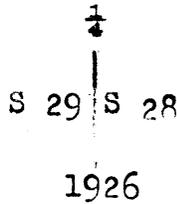
around post, for cor., of secs. 28, 29, 32 and 33, marked on brass cap,



No bearing trees available,
 Land, mountainous,
 Soil, rocky, 4th rate.
 Timber, scattering cedar.
 Undergrowth, soap-weed and catsclaw.

- 24.30 N.0° 5' W., on true line, bet secs. 28 and 29 (S. $\frac{1}{2}$).
 Over high rolling land, thru. scattering undergrowth.
 Dry wash, 10 lks. wide course E.
 Ascend 46 ft. over S. slope.
- 32.20 Wash, 10 lks. wide course W.
- 39.40 wash, 5 lks. wide course E.
- 39.99 Intersect orig. $\frac{1}{4}$ sec. cor. of secs. 28 and 29, which is
 a stone 8x6x4 ins. above ground, marked $\frac{1}{4}$ on west
 face, and witnessed by a mound of stone W. of cor.

No bearing trees.
 Reconstruct this cor. monument as follows; Along side
 of old stone set an iron post 3 ft. long, 1 in. in diam.,
 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 28 and 29,
 marked on brass cap.



- No bearing trees available. Rebuild mound of stone
 W. of cor. 5 ft. base, 3 ft. high.
- Thence,
 N.0° 5' W., on true line, bet. secs. 28 and 29 (N. $\frac{1}{2}$).
 Over, high rolling land, thru. scattering undergrowth.
 Desc. 34 ft. over N.E. slope.
- 9.30 Dry wash, 10 lks. wide course E.
 ascend 34 ft. over S. slope.
- 14.50 Ridge, brs. E. and W.
 Descend 84 ft. over N. slope.
- 22.00 Draw, slopes E.
 ascend 40 ft. over S. slope.
- 27.70 Ridge, brs. E. and W.
 Desc. 143 ft. over N. slope.
- 34.10 Dry wash, 5 lks. wide course N. E.
- 38.40 Dry wash, 20 lks, wide course N.W.
- 40.09 Intersect the orig. cor. of secs. 20, 21, 28 and 29,
 which is a limestone 12x8x8 ins. above ground, No
 accessories.
 reconstruct this monument as follows; Along side of old
 stone, set an iron post 3 ft. long, 2 ins. in diam.,
 6 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. 20, 21, 28
 and 29, marked on brass cap

Resurvey of part of the sub. lines of T.13 S. R.21 E. 7

chains.

T13S R21E
S20 | S21
S29 | S28

1926

No bearing trees available,
Land, high rolling.
Soil, rocky 4th rate.
Timber, scattering cedar.
Undergrowth, catsclaw and soap-weed.

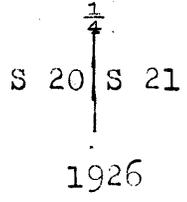
28.00

N.0°5' W., on true line, bet. secs. 20 and 21 (S. $\frac{1}{2}$).
Over mountainous land, thru. scattering cedar.
Asc. 156 ft. over S. slope.

40.09

Ridge brs. E. and W.
Desc. 112 ft. over N. slope to
Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 20 and 21, which
is a pumice stone 8x6x6 ins. above ground, marked $\frac{1}{4}$
on W. face, and witnessed by a mound of stone W. of cor.
No bearing trees.

Reconstruct this cor. monument as follows; Along side of
old stone, set an iron post, 3 ft. long, 1 in. 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, for $\frac{1}{4}$ sec. cor. of secs. 20
and 21, marked on brass cap



26.30

No bearing trees available.
Thence,
N.0° 9' E., on true line, bet. secs. 20 and 21 (N. $\frac{1}{2}$).
Desc. 96 ft. over N. slope.
Small canyon, dry wash in bottom, 20 lks. wide, course N. E.
Ascend 17 ft over S. slope.

32.40

Spur slopes E.

37.40

Cliff 40 ft. high, facing N. brs. E. and W.

40.07

Desc. 34 ft. over N. slope to
Set an iron post, 3 ft. long, 2 ins. in diam., 3 ins. in
the ground to bed rock, (on the east side of a large
boulder, east of a cliff 60 ft. high facing E.),
deposit a stone marked with a cross (X) at base of
post, and raise a mound of stone around post, for
of secs. 16, 17, 20 and 21, marked on brass cap.

T13S R21E
S 17 | S 16
S 20 | S 21

1926.

No bearing trees available.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar.
Undergrowth, soap-weed and catsclaw.

chains.

- From the true point for $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
 S.89° 56' W., on true line, bet. secs. 16 and 21 (W. $\frac{1}{4}$).
 0.18 Intersect the orig. W.C. to $\frac{1}{4}$ sec. cor. of secs. 16 & 21.
 which is a granite stone 16x8x9 ins. above ground,
 marked $\frac{1}{4}$ W C on N. face, No. accessories.
 Reconstruct this cor. monument as follows; Along side
 of old stone, set an iron post, 3 ft. long, 1 in.
 in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of
 secs. 16 and 21, marked on brass cap,
- S 16
 WC $\frac{1}{4}$ S 21
- 1926
- No bearing trees available. Raise a mound of stone
 5 ft. base, 3 ft. high N. of corner.
 6.20 Wash, 10 lks. wide course S. E.
 9.00 Same wash, course N. E.
 Ascend 209 ft. over S.E. slope.
 16.70 Small spur, slopes S. W.
 40.06 Intersect the reestablished cor. of secs. 20, 21, 28 & 29.
 Land, rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, soap-weed and catsclaw.

- N.0° 11' W., on true line, bet. secs. 16 and 17, (S. $\frac{1}{4}$).
 Over, mountainous land, thru. scattering undergrowth.
 1.60 Head of draw course N.E.
 Ascend 117 ft. over S. slope.
 10.10 Spur, slopes N.E.
 Desc. 206 ft. over N. slope.
 18.60 Wash, 5 lks. wide course N.E.
 Ascend 40 ft. over S. slope.
 21.50 Spur, slopes N.E.
 40.07 Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 16 and 17.
 which is a stone 8x6x4 ins above ground, marked
 $\frac{1}{4}$ on W. face 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, 1 in. 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, for $\frac{1}{4}$ sec. cor. of secs. 16 and
 17, marked on brass cap.

S 17 | S 16

1926.

No bearing trees available.

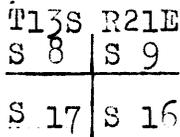
- Thence,
 N.0° 4' E., on true line, bet. secs. 16 and 17. (N. $\frac{1}{4}$).
 Over, mountainous land, thru. scattering undergrowth.
 Descend 22 ft. over N. slope.
 2.40 Wash, 10 lks. wide course N.E.
 Ascend 30 ft. over S. slope.
 10.00 Small spur, slopes N.E.
 Descend 19 ft. over N. slope.
 16.80 Wash, 10 lks. wide course S.E.
 Ascend 46 ft. over S. slope.
 23.00 Spur, slopes E.
 Descend 76 ft. over N. slope.
 35.00 Wash, 5 lks. wide course E.

Resurvey of part of the sub. lines of T.13 S. R.21 E.

chains.

40.07

Intersect the orig. cor. of secs. 8, 9, 16 and 17, which is a stone 8x5x4 ins. above ground, marked with 4 notches on E. face, 4 notches on S. face and witnessed by a mound of stone W. of cor. No bearing trees. Reconstruct this cor. monument as follows: along side of old stone, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 8, 9, 16 and 17, marked on brass cap.



1926

Land, rolling and mountainous.
Soil, sandy 2nd rate.
Timber, none.
Undergrowth, soap-weed and catsclaw.

14.80

N.0° 3' W., on true line, bet. secs. 8 and 9, (S. $\frac{1}{2}$).
Over, rolling land, thru. scattering undergrowth.
Desc. 87 ft. over N. slope.

19.50

Wash, 10 lks. wide course N.E.
Over less rugged land.

26.00

Small spur, slopes N.E.

28.80

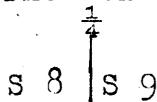
Spur, slopes N. E.
Wash, 10 lks. wide course E.

36.20

Wash, 20 lks. wide course E.

39.89

Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 8 and 9, which is a stone 8x6x4 ins. above ground, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone W. of cor. Reconstruct this cor. monument as follows; along side of old stone, set an iron post, 3 ft. long, 1 in. 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 $\frac{1}{4}$ sec. cor. of secs. 8 and 9, marked on brass cap,



1926

Thence,
N.0° 6' E., on true line, bet secs. 8 and 9, (N. $\frac{1}{2}$).
Over, rolling land, thru. scattering undergrowth.
Ascend 39 ft. over S. slope.

1.70

Spur, slopes N.E.
Descend 140 ft. over N. slope.

9.70

Wash, 30 lks. wide course N.E.

18.50

Road, from Wilcox to Hot Springs brs. E. and W.

20.80

Wash, in Hot Springs Canyon, 100 lks. wide course. W.
Ascend 94 ft. over over S. slope.

39.30

Spur, slopes W.

40.14

Intersect the orig. cor. of secs. 4, 5, 8 and 9, which is a stone 6x4x4 ins. above ground, marked with 5 notches on S. face, 4 notches on E. face and witnessed by a mound of stone W. of cor. No bearing trees. Reconstruct this cor. monument as follows; Along side of old stone, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

BOOK 3774

10 Resurvey of part of the sub. lines of T.13 S. R.21 E. chains.

T13S R21E	
S 5	S 4
S 8	S 9

1926.

No bearing trees available. Rebuild mound of stone W. of cor.

Land, rolling.

Soil, sandy, rocky, 3rd rate.

Timber, scattering cedar.

Undergrowth, soap-weed and catsclaw.

West, on true line, bet. secs. 5 and 8, (E. $\frac{1}{2}$).

Over, rolling mountainous land, thru. scattering undergrowth.

Descend 67 ft. over W. slope.

4.30 Spur, slopes N. W.

Descend 161 ft. over S. W. slope.

16.30 Wash, 40 lks. wide course S. W.

Ascend 57 ft. over S.W. slope.

38.00 Ridge, brs. N.E. and S.W.

Descend 30 ft. over N.W. slope to

40.42 Intersect the orig. $\frac{1}{4}$ sec. cor. of secs. 5 and 8, which is a stone 10x8x6 ins. above ground, marked $\frac{1}{4}$ on N. face and witnessed by a mound of stone N. of cor.

No bearing trees.

Reconstruct this cor. monument as follows; Along side of old stone, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 5 and 8, marked on brass cap,

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

1926.

No bearing trees available. Rebuild old mound of stone N. of cor.

Thence,

S. 89° 58' W., on true line, bet. secs. 5 and 8, (W. $\frac{1}{2}$).

Over, mountainous land, thru. scattering undergrowth.

Descend 131 ft. over W. slope.

11.00 Road, N. W. to Hot Springs and S.E. to Wilcox, in Hot Springs Canyon course N. W.

11.10 Old adobe house, brs. N. about 9.00 chs. dist.

14.50 Wash, in Hot Strings Canyon 100 lks. wide, course N.W.

Ascend 169 ft. over E. slope.

26.00 Spur, slopes N.

Descend 73 ft. over N. W. slope.

31.50 Wash, 30 lks. wide course N.E.

Ascend 141 ft. over E. slope.

39.37 Intersect the orig. cor. of secs. 5, 6, 7 and 8, which is a stone 6x8x6 ins. above ground, marked with 5 notches on each of E. and S. faces and witnessed by a mound of stone W. of cor. No bearing trees.

Reconstruct this cor. monument as follows; Along side of old stone set an iron post, 3 ft. long, 2 ins. in diam., 14 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. 5, 6, 7 and 8, marked on brass cap,

T13S R21E	
S 6	S 5
S 7	S 8

1926

Resurvey of part of the sub. lines of T.13 S. R.21 E.

chains.

No bearing trees available.
Land, mountainous.
Soil, sandy, rocky 4th rate.
Timber, scattering cedar and mesquite.
Undergrowth, soap-weed, catsclaw and willow.

S.0° 3' W., on true line, bet. secs. 7 and 8, (N. 1/2).
Over, mountainous land, thru. scattering undergrowth.
Ascend 23 ft. over N.E. slope.
2.50 Spur, slopes S.E.
Descend 79 ft. over S. slope.
11.00 Draw, course N.E.
Ascend 50 ft. over N.E. slope.
18.50 Head of draw, course N.E.
Ascend 84 ft. over N. slope.
23.00 Ridge, brs. N.E. and S.W.
Descend 155 ft. over S.E. slope.
36.50 Gulch, course N.E.
Ascend 148 ft. over N. slope to
39.65 Intersect the orig. 1/4 sec. cor. of secs. 7 and 8, which
is a limestone 8x8x4 ins. above ground, marked 1 on
W. face and witnessed by a mound of stone W. of cor.
No bearing trees.
Reestablish this cor. monument as follows; Along side of
old stone, set an iron post, 3 ft. long, 1 in. 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, for 1/4 sec. cor. of
secs. 7 & 8, marked on brass cap,

1/4
S 7 1/2 S 8
1926

No bearing trees available. Rebuild mound of stone W. of
cor.
Land, mountainous.
Soil, rocky. 4th rate.
Timber, scattering cedar.
Undergrowth, soap-weed and catsclaw.

From the reconstructed cor. of secs. 5, 6, 7 and 8.
N. 39° 51' W., on true line, bet. secs. 6 and 7 (E. 1/2)
Over, mountainous land, thru. scattering undergrowth.
Ascend 98 ft. over E. slope.
5.00 Spur, slopes N.
Descend 169 ft. over N. slope.
12.40 Gulch, course N.
Ascend 302 ft. over E. slope.
28.75 A four wire fence brs. N.E. and S. W.
28.80 Spur, slopes N.E.
Descend 71 ft. over N.E. slope.
35.50 Gulch, course N.E.
Ascend 171 ft. over E. slope.
40.02 Intersect the orig. 1/4 sec. cor. of secs. 6 and 7, which
is a stone 12x10x8 ins. above ground, marked 1/4 on N.
face, and witnessed by a mound of stone N. of cor.
No bearing trees.
Reconstruct this cor. monument as follows; Along side of
old stone, set an iron post, 3 ft, long, 1 in. in diam.,
15 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 1/4 sec. cor. of
secs. 6 and 7, marked on brass cap,

chains.

$\frac{1}{4}$ $\frac{S\ 6}{S\ 7}$
 1926

No bearing trees available.
 Thence,
 N.89° 54' W., on true line, bet. secs. 6 and 7 (W. $\frac{1}{2}$).
 Over mountainous land, thru. scattering undergrowth.
 Ascend 26 ft. over E. slope.
 1.70 Ridge, brs. N. and S.
 Descend 209 ft. over W. slope.
 15.50 Gulch, course N.E.
 Ascend 144 ft. over E. slope.
 25.20 } wire fence, brs. N.E. and S.W.
 40.15 } wire fence, brs. N.10° E. and S.10° W.
 40.24 Intersect the cor. of secs. 1, 6, 7 and 12 on W. bdy. of T₁₃ S.,
 reestablished in 1923 by S.E. Blout U.S.C.E. which
 is an iron post, 2 ins. in diam., projecting 24 ins.
 above ground, firmly set in ground and mound of
 stone, properly marked on brass cap and witnessed by
 a mound of stone W. of cor.

Land, mountainous.
 Soil, sandy, rocky 3rd rate.
 Timber, scattering cedar.
 Undergrowth, soap-weed and catsclaw.

 Boundaries of that Part of T.13 S., R.21 E.,
 Subdivided under Group 134, Arizona.

Latitudes, departures and closing errors.

Lines designated	True course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
South boundary	N.89° 57' W.	160.80	.14			160.80
West boundary	N. 0° 7' E.	400.64	400.64		.82	
Subdivisional Boundary	S.89° 54' E.	40.24		.07	40.24	
	S.89° 51' E.	40.02		.10	40.02	
	N.89° 58' E.	39.37	.02		39.37	
	East	40.42			40.42	
	S. 0° 6' W.	40.14		40.14		.07
	S. 0° 3' E.	39.89		39.89	.03	
	S. 0° 4' W.	40.07		40.07		.05
	S. 0° 11' E.	40.07		40.07	.13	
	S. 0° 9' W.	40.07		40.07		.10
	S. 0° 5' E.	40.09		40.09	.06	
	S. 0° 5' E.	40.09		40.09	.06	
S. 0° 5' E.	39.99		39.99	.06		
South	40.09		40.09			
S. 0° 3' E.	40.09		40.09	.03		
Convergency					.13	
Totals			400.80	400.76	161.37	161.02
			400.76		161.02	
	Error in latitude		0.04			
	Error in departure				0.35	

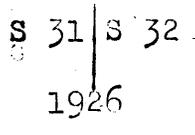
Survey of part (Completion) of sub.lines of T.13 S. R.21 E. 13

chains. From the cor. of secs. 31 and 32, reestablished in 1916 by H. Wood, U.S.S., which is an iron post, 3 ins. in diam., projecting 3 ft. above ground, firmly set in a mound of stone, properly marked and witnessed by a mound of stone N. of cor. No bearing trees.

N.0°3'W. bet. secs. 31 and 32.
 Over, mountainous land, thru. scattering undergrowth.
 Ascend 726 ft. over broken SW. slope.

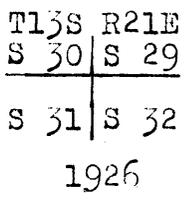
10.85 Wire fence, brs. NE. and SW.
 20.00 Foot of high rocky cliffs facing SW.
 36.50 Ridge, brs. NW. and SE.
 Descend 32 ft. over NW slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 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. 31 and 32, marked on brass cap,



No bearing trees available.

Descend 101 ft. over NW slope.
 45.30 Gulch, course E.
 Ascend 126 ft over SE. slope.
 53.40 Spur, slopes E.
 Descend 205 ft. over NE. slope.
 68.00 Gulch, course SE.
 Ascend 139 ft. over SW. slope.
 75.00 Spur, slopes SE.
 Descend 40 ft. over NE. slope. to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 14 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, marked on brass cap,



No bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering cedar.
 Undergrowth, catsclaw and soap-weed.

East on random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect the cor. of secs. 29, 29, 32 and 33.
 Thence,
 West on true line bet. secs. 29 and 32.
 Over rolling mountainous land, thru. scattering undergrowth
 Descend 87 ft. over W. slope.
 4.00 Draw, course S.15°W.
 Ascend 237 ft. over E. slope.
 16.50 Spur, slopes S.
 Descend 220 ft. over W. slope.
 27.00 Creek, 1 lk. wide course S.15°E.
 Ascend 206 ft. over E. slope.
 39.90 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 $\frac{1}{4}$ sec. cor. of secs. 29 and 32, marked on brass cap,

chains.

$$\frac{1}{4} \frac{S 29}{S 32}$$

1926

No bearing trees available.
 40.00 Spur, slopes SE.
 Descend 20 ft. over W. slope.
 48.00 Head of draw, course SE.
 Ascend 161 ft. over E. slope.
 63.70 Ridge, brs. NW. and SE.
 Descend 199 ft. over SW. slope.
 75.80 Draw, course S.20°E.
 Ascend 103 ft. over E. slope to
 79.80 The cor. of secs. 30, 29, 31 and 32.
 Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, very scattering cedar.
 Undergrowth, soap-weed and catsclaw.

 West on random line bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.70 Intersect the W. bdy. of Tp. 49 lks. S. of the reestablish-
 ed cor. of secs. 25, 30, 31 and 36, which is an iron
 post 2 ins. in diam., projecting 3 ft. above ground,
 firmly set in a mound of stone, properly marked on
 brass cap, and witnessed by a mound of stone W. of cor.
 This cor. was set by S.E. Blout, U.S.C.E. in 1923.
 Thence,
 S. 89° 39' E., on true line, bet. secs. 30 and 31.
 Ascend 783 ft. over W. slope.
 40.00 Ridge, brs. N. and S.
 40.70 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

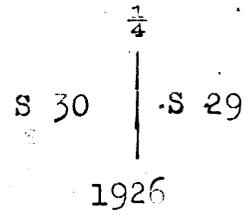
1926.

No bearing trees available, Raise a mound of stone, 4 ft.
 base, 2 ft high, N. of cor.
 Descend 143 ft. over E. slope.
 55.70 Draw, course SE.
 Ascend 20 ft. over E slope.
 75.70 Spur, slopes SE.
 Descend 80 ft. over E. slope.
 80.70 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, very scattering cedar.
 Undergrowth, soap-weed and catsclaw.

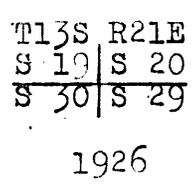
Survey of the sub. lines of Township 13 S.R.21 E.

chains.

7.80 N.0°3'W., on true line, bet. secs., 29 and 30.
 Over mountainous land, thru. scattering undergrowth.
 Descend 120 ft. over NE. slope.
 Draw, course SE.
 23.50 Ascend 347 ft. over SW. slope.
 Ridge, brs. NW. and SE.
 Descend 86 ft. over NE. slope.
 34.00 Head of draw course SE.
 Ascend 96 ft. over S, slope to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 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 1/4 sec. cor. of secs. 29 and 30, marked
 on brass cap,



No bearing trees available.
 Ascend 12 ft. over S. slope.
 42.00 Ridge brs. NW. and SE.
 Descend 407 ft. over NW. slope.
 73.20 Draw, course N. 20° E.
 Descend 249 ft. over N. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground, for cor. of secs. 19, 20, 29 and 30,
 marked on brass cap,



No bearing trees available. Raise a mound of stone 4 ft.
 base 3 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, very scattering cedar.
 Undergrowth, soap-weed and catsclaw.

 East on random line bet secs., 20 and 29.
 40.00 Set temp. 1/4 sec. cor.
 79.80 Intersect the N. and S. line, 18 lks. N. of the cor. of
 secs., 20, 21, 28 and 29.

Thence,
 N.89°52'W., on true line, bet. secs. 20 and 29.
 Over, mountainous land, thru. scattering undergrowth.
 1.30 Draw, course NW.
 Ascend 100 ft. over E. slope.
 5.80 Small spur, slopes NW.
 Descend 62 ft. over NW. slope.
 29.90 Draw, course N.
 Ascend 111 ft. over E. slope.
 34.60 Ridge, brs. N. and S.
 Descend 205 ft. over W. slope.
 39.90 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 1/4 sec. cor. of secs. 20 and 29, marked
 on brass cap.

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

1926

No bearing trees available.

- 44.10 Descend 74 ft. over W. slope.
Draw, course N.
- 57.10 Ascend 164 ft. over E. slope.
Spur, slopes NE.
- 70.50 Descend 187 ft. over NW. slope.
Fence, brs. NE. and SW.
- 74.80 Draw, course N.
- 79.80 Descend 68 ft. over NE. slope to
The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
Soil, rocky 4th rate.
Timber, very scattering cedar.
Undergrowth, catsclaw, soap-weed and cactus.

- 40.00 West, on random line, bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.36 Intersect the W. bdy. of Tp. 35 1/2 S. of the cor. of
secs. 19, 24, 25 and 30, reestablished in 1925 by
S.E. Blout, U.S.C.E., which is an iron post, 2 ins.
in diam., projecting 3 ft. above ground, firmly set
in a mound of stone and properly marked.
- Thence,
S. 89° 46' E., on true line, bet. secs. 19 and 30.
Over mountainous land, thru. scattering undergrowth.
- 16.40 Ascend 474 ft. over steep W. slope.
Spur, slopes NW.
- 40.36 Descend 493 ft. over broken NE. slope to
Set an iron post, 3 ft. long, 1 in. in diam., 14 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. 19 and 30, marked
on brass cap.

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

1926

No bearing trees available.

- 46.40 Draw, course N.
Ascend 103 ft. over NW. slope.
- 53.40 Spur, slopes N.
Descend 137 ft. over NE. slope to
- 80.36 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, very scattering cedar and oak.
Undergrowth, soap-weed, catsclaw and cactus.

Survey of part of the sub. lines of Township 13 S. R. 21 E. 17

chains.

N. 0°3'W., on true line, bet. secs. 19 and 20.
Over mountainous land, thru. scattering undergrowth.
Descend 168 ft. over N. slope.

14.00

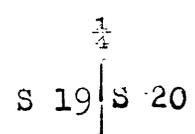
Wash, 20 lks. wide, course NW.
Ascend 288 ft. over SW. slope.

32.50

Spur, slopes W.
Descend 149 ft. over NW. slope to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for 1/4 sec. cor., marked on brass cap.



1926

No bearing trees available. Raise a mound of stone 5 ft.
base, 3 ft. high, W. of cor.

Descend 215 ft. over NW. slope.

49.00

Wash, 20 lks. wide, course W.
Ascend 156 ft. over S. slope.

60.90

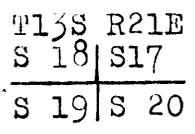
Spur, slopes SW.
Descend 20 ft. over N. slope.

65.00

Wash, 5 lks. wide, course SW.
Ascend 115 ft. over SW. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 14 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. 17, 18, 19
and 20, marked on brass cap.



1926

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, very scattering cedar.

Undergrowth, soap-weed, catsclaw and cactus.

East on random line bet. secs. 17 and 20.

40.00

Set temp. 1/4 sec. cor.

79.88

Intersect N. and S. line 19 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence,

N. 89°52'W. on true line bet. secs. 17 and 20.

Over mountainous land, thru. scattering undergrowth.

0.88

Top of cliffs, facing E., brs. N. and S.

25.00

Richardson's house brs. S. about 18.00 chs. dist.

Ascend 187 ft. over E. slope.

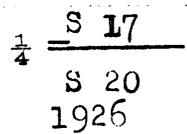
34.90

S. side of saddle on ridge, bearing NW. and SE.

Descend 51 ft. over W. slope.

39.94

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 1/4 sec. cor. of secs. 17 and
20, marked on brass cap.



BOOK 3774

18 Survey of part of the sub. lines of Township 13 S. R. 21 E.

chains.

No bearing trees available.

- 48.28 Descend 59 ft. over SW. slope.
 Fence, brs. N.70°E. and S.70°W.
 49.90 Draw, course S.
 Ascend 53 ft. over SE. slope.
 53.90 Spur, slopes S.
 Descend 135 ft. over SW. slope.
 64.40 Draw, course SE.
 Ascend 207 ft. over NE. slope.
 72.20 Ridge, brs. N. and S.
 Descend 266 ft. over W. slope.
 75.40 Top of cliff, facing W., brs. N. and S.
 79.88 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, catsclaw, soap-weed and cactus.

- 40.00 West, on random line, bet. secs. 18 and 19.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 Intersect the W. bdy. of Tp. 28 lks. S. of the cor. of
 secs. 13, 18, 19 and 24, reestablished by S.E. Blout,
 U.S.C.E. in 1923, which is an iron post, 2 ins. in
 diam., protruding 9 ins above ground, firmly set and
 witnessed by a mound of stone W., and properly marked
 on brass cap.
 Thence,
 S.89°48'E., on a true line, bet. secs. 18 and 19.
 Over mountainous land.
 Thru. scattering undergrowth.
 9.70 Wash, 10 lks. wide, course S.
 Thence over rolling flat.
 23.00 Wash 10 lks. wide, course SW.
 Ascend 51 ft. over SW. slope to
 40.39 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{l} S 18 \\ S 19 \end{array}$$

1926

No bearing trees available. Raise a mound of stone N.
 of cor.

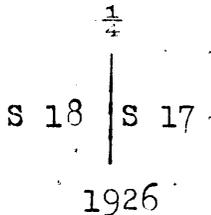
- 46.40 Draw, course S.
 Ascend 276 ft. over W. slope.
 55.10 Spur, slopes SE.
 Descend 186 ft. over NE. slope.
 62.90 Draw, course S.
 Ascend 48 ft. over SW. slope.
 67.80 Spur, slopes S.
 Descend 59 ft. over E. slope.
 71.00 Draw, course SE.
 Ascend 173 ft. over SW. slope.
 80.39 The cor of secs. 17, 18, 19 and 20.

Land, **Rolling** mountainous.
 Soil, sandy, rocky, 3rd. rate.
 Timber, very scattering cedar.
 Undergrowth, soap-weed, catsclaw and cactus.

Survey of part of the sub. lines of Township 13 S. R. 21 E. 19

chains. From the cor. of secs. 7, 8, 17 and 18, hereinafter described.
 40.00 S. 0° 3' E., on random line, bet. secs. 17 and 18
 80.08 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 19 lks. W. of the cor. of secs. 17, 18, 19 and 20.

Thence,
 N. 0° 11' W., on true line, bet. secs. 17 and 18.
 Over mountainous land, thru. scattering undergrowth.
 Ascend 483 ft. over SW. slope.
 38.00 Ridge, brs. NW. and SE.
 40.04 Descend 19 ft. over N. slope to
 Set an iron post, 3 ft. long 1 in. 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 $\frac{1}{4}$ sec. cor. of secs. 17 and 18, marked
 on brass cap,



No bearing trees available.
 Descend 170 ft. over N. slope.
 50.50 Draw, course E.
 Ascend 50 ft. over S. slope.
 53.00 Spur, slopes E.
 Descend 85 ft. over N. slope.
 57.00 Head of draw, course E.
 Descend 87 ft. over NE. slope.
 72.20 Draw, course E.
 Ascend 63 ft. over SE. slope to
 80.04 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, very scattering cedar, oak and mesquite.
 Undergrowth, soap-weed, catsclaw, cactus and grass.

 From the $\frac{1}{4}$ sec. cor. of secs. 7 and 8, hereinbefore described.
 40.38 S. 0° 3' W. on random line for distance only.
 (A point theoretically S. 89° 59' W. of the cor. of secs.
 8, 9, 16 and 17.) Set temp. cor. of secs. 7, 8, 17
 and 18.
 Thence,
 40.00 N. 89° 59' E., on random line, bet. secs. 8 and 17.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect the N. and S. line, 1 lk. S. of the cor. of secs.
 8, 9, 16 and 17.
 Thence,
 S. 89° 59' W., on true line, parallel to the mean bearing of
 the N. bdy. of sec. 8, bet. secs. 8 and 17.
 Over mountainous land, thru. scattering undergrowth.
 Ascend 35 ft. over E. slope.
 0.03 Fence, brs. N. and S.
 2.75 Spur, slopes NE.
 Descend 60 ft. over NW. slope.
 7.00 Draw, course NE.
 Ascend 84 ft. over NE. slope.
 15.70 Spur, slopes NE.
 Descend 20 ft. over NW. slope.
 23.50 Draw, slopes NE.
 Ascend 171 ft. over SE. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in

chains.

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. 8 and 17, marked on brass cap,

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

1926

- 43.30 No bearing trees available. Spur, slopes NE. Ascend 96 ft. along the top of same spur, sloping E.
- 56.80 Leave spur. Descend 131 ft. over W. slope.
- 62.80 Draw, course N. Ascend 62 ft. over E. slope.
- 65.40 Spur, slopes N. Descend 95 ft. over W. slope.
- 70.30 Draw, course N. Ascend 134 ft. over E. slope to
- 80.00 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 cor. of secs. 7, 8, 17 and 18, marked on brass cap,

T. 13 S. R. 21 E

S 7	S 8
S 18	S 17

1926

No. bearing trees available. Raise a mound of stone W. of cor.

Land, rolling and mountainous.
 Soil, sandy, rocky 3rd rate.
 Timber, very scattering cedar,
 Undergrowth, soap-weed, catsclaw and cactus.

- 28.80 N. 89° 55' W., on a true line, parallel to the N. bdy. of sec. 7, bet secs. 7 and 18. Over mountainous land, thru. scattering undergrowth. Ascend 320 ft. over E. slope.
- 40.00 Ridge, brs. N. and S. Descend 181 ft. over NW. slope to Set an iron post, 3 ft. long, 1 in. in diam., 4 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. 7 and 18, marked on brass cap,

$\frac{1}{4}$ $\frac{S 7}{S 18}$

1926

- 42.00 No bearing trees available. Divide, brs. N.W. and SE. Descend 167 ft. over W. slope.
- 50.20 Draw, course SW. Ascend 34 ft. over SE. slope.
- 56.20 Spur, slopes S. Descend 210 ft. over W. slope.
- 67.20 Draw, course S.

Survey of part of the sub. lines of Township 13 S. R. 21 E. 21

Chains

-75.70 Ascend 300 ft. over E. slope.
 Spur, slopes SE.
 80.02 Descend 88 ft. over SW. slope to
 Intersect the W. bdy. of Tp. 24 lks. S. 10° 7' W. from the cor. of
 secs. 7, 12, 13 and 18, reestablished in 1923 by S.E.
 Blout, U.S.C.E., which is an iron post, 2 ins. in diam.,
 protruding 20 ins. above ground, firmly set in ground
 and mound of stone, properly marked on brass cap and
 witnessed by a mound of stone W.
 At point of intersection, set an iron post 3 ft. long,
 2 ins. in diam., 12 ins. in the ground, to bed rock,
 in a mound of stone 5 ft. base 2 ft. high, deposit a
 stone marked with a cross (X) at base of post, for the closing
 cor. of secs. 7 and 18, marked on brass cap.

T13S	T13S
R20E	S 7
S 13	S 18 CC
	R21E

1926

No bearing trees available.

Alter the reestablished cor. of secs. 7, 12, 13 and 18 to refer to secs. 12 and 13 only, by changing the marks on brass cap to read.

T13S	T13S
S 12	R21E
S 13	S 7
R20E	

1923-26

No change in assessories required.
 Land, mountainous,
 Soil, rocky, 4th rate.
 Timber, very scattering cedar and oak.
 Undergrowth, soap-weed, catsclaw and cactus.

From the cor. of secs. 7, 8, 17 and 18,
 N. 0° 7' E., on true line, bet. secs. 7 and 8, (S. 1/2).
 Over mountainous land, thru. scattering undergrowth,
 5.40 Ridge, brs. E. and W.
 Descend 96 ft. over N. slope.
 15.40 Draw, course NW.
 Ascend 69 ft. over SW. slope.
 22.60 Ridge, brs. NW. and SE.
 Descend 255 ft. over broken N. slope.
 40.37 The 1/2 sec. cor. of secs. 7 and 8, hereinbefore described.
 Land, mountainous.
 Soil, rocky 4th rate.
 Timber, very scattering oak and cedar.
 Undergrowth, catsclaw, soap-weed and cactus.

The continued satisfactory adjustment of the instrument throughout the survey ~~hereinbefore described~~ is indicated from a solar test made Feb. 14, 1926, as follows; At the same station at which the solar test was made on Jan. 24, 1926, hereinbefore described, set off $32^{\circ}34'N$. on the latitude arc. and $13^{\circ}5'S$. on the declination arc, and at 9h.00m.a.m., app. time, determine a meridian with the solar, which agrees with the true meridian.

GENERAL DESCRIPTION.

The surface of this **part of the** township is mainly mountainous, excepting the NE. and SE. portions, which take on the aspect of a high rolling plateau. The drainage is E. and W. from a high divide bearing N. and S. and extending almost the full length of **this part of the** township.

The soil is very rocky excepting the plateau's hereinbefore mentioned, which are a gravelly adobe.

The predominant forest species are scattering cedar, oak and mesquite, which have no commercial value except as fire wood.

The only permanent water in **this part of the** township is a spring in the SE. portion of sec. 7, belonging to Dave Phillips, and fixed up with a cement water trough for watering cattle.

There is only one house in **this part of the** township, belonging to Richardson (applicant) located in the NE. part of sec. 20. This house has been deserted for about two years according to all available information.

There is only one road crossing section 8 and running from Hot Springs Ranch (Located about a half mile N. of the cor. of secs. 5, 6, 7 and 8.) to Wilcox. The remainder of **this part of this T.** is accessible only by foot or horse.

CERTIFICATE OF U.S. TRANSITMAN FOR

I, Otis O. Gould U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group No. 134, Arizona, bearing date of the 25th day of June, 1924, 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, ~~RESURVEYED~~ all those parts or portions of the subdivision lines, and

SURVEYED all those Parts or Portions of the Subdivision Lines of Township 13 South, Range 21 East, of the Gila & Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes 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 No. 134, 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.

Date: April, 19, 1926.

Place: Phoenix, Arizona.

Otis O. Gould.

Otis O. Gould
U.S. Transitman.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, June 11, 1927.

The foregoing field notes of the RESURVEY of Part of the Subdivision Lines, and SURVEY of Part (Completion) of the Subdivision Lines of

Township 13 South, Range 21 East,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Otis O. Gould, U. S. Transitman,

under his special instructions dated June 25, 1924, for Group 134, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the RESURVEYS AND SURVEYS they describe, are hereby approved.

Samuel P. Plummer
U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in

~~has been correctly copied from the original notes on file in this office.~~

