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4-679

Book "B"

BOOK 3496

FIELD NOTES

OF THE RESURVEY OF . . .

part of the South boundary,

part of the West boundary, and

part of the North boundary,

AND OF THE RESURVEY AND SURVEY OF

part (completion) of the Subdivision lines of

Township 18 North, Range 18 East,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Sidney E. Blout, U. S. Cadastral Engineer,

In the capacity of U. S. Surveyor, under Special Instructions dated Sept. 27, 1918, issued by the United States Surveyor General to govern surveys included in Group No. 92, Arizona, which were approved by the Commissioner of the General Land Office, October 19, 1918, and Assignment Instructions dated April 1, 1920

Resurvey and Survey commenced May 8, 1920

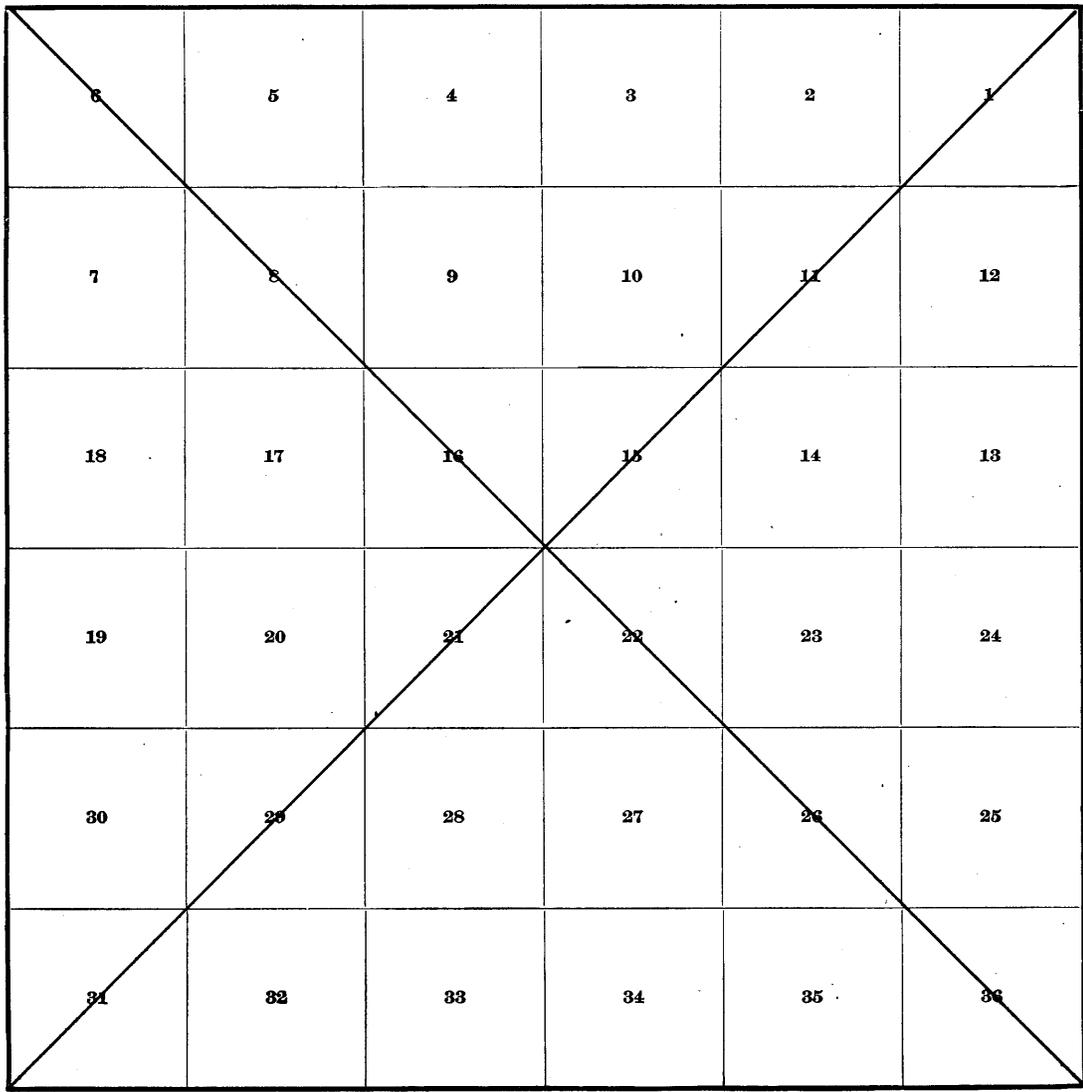
Resurvey and Survey completed May 24, 1921

3496

3496

INDEX DIAGRAM.

Township....., Range.....



3496

Index Diagram

Township 18 North, Range 18 East,

BOOK 3496



— Lines resurveyed under this Group.

— Lines surveyed under this Group.

— Accepted surveys.

/// Areas surveyed as per accepted plats on file.

BOOK 3496

Date Diagram

Township 18 North, Range 18 East,

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

On the above diagram:-
 red lines indicate resurveys, and
 blue lines indicate surveys,
 all executed by Sidney E. Blout, U. S. Cadastral
 Engineer, on dates shown thereon,
 and black lines indicate accepted surveys.

Resurveys and surveys hereinafter described, executed on dates shown on diagram on page 2, hereof, by Sidney E. Blout, U. S. Cadastral Engineer, using a Buff light mountain transit No. 9984, with U-shaped standards, 4 $\frac{1}{2}$ -inch horizontal circle, 4-inch vertical circle, and improved Smith solar attachment. All azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris for meridian, upon which to test the solar attachment, as stated in the field notes.

The instrument was examined, tested on the Federal Building Meridian at Phoenix, Arizona, April 8, 1920, found correct, and was approved by the Assistant Supervisor of Surveys for Arizona, conditional upon satisfactory field tests.

All measurements are made with a Lufkin 5-chain steel tape, compared with a Chesterman standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Preliminary to beginning the surveys in this township, examine the adjustments of the transit and correct the level and collimation errors, then to test the solar apparatus, by comparing the results of observations on the sun, made during a. m. and p. m. hours with a meridian, established by observations on Polaris, proceed as follows:

Set instrument on the meridian, established April 26, 1920 at camp in sec. 29, T. 19 N., R. 16 E., described in Book "A", and at 4 h. 00 m. p. m. May 5, 1920 set off 35° 00 $\frac{1}{2}$ ' N. on the lat. arc, 16° 23 $\frac{1}{2}$ ' N. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5-chs. N. on which the line falls 01', in angular measure, west of the meridian established by the Polaris observations.

May 6, 1920, at 7 h. 00 m., a. m., apparent time, set off 35° 00 $\frac{1}{2}$ ' N. on the lat arc, 16° 35' N. on the decl. arc, and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5-chs. N. on which the line falls in substantial agreement with the meridian established by the Polaris observations.

The solar apparatus, by p. m., and a. m. observations, defines positions for meridians, respectively about 01' W. of and in substantial agreement with the meridian established by the Polaris observations, therefore, conclude that the instrument is in satisfactory adjustment.

Dependent Resurvey of part of the south boundary
of T. 18 N., R. 18 E.

4

Chains

This township boundary was surveyed by John L. Harris, U. S. D. S., in 1879, and retraced in 1883 by Henry Meyrick, U. S. D. S. No other retracements or resurveys on this boundary are of record. The following notes describe the resurvey of that portion of the line situate between secs. 4 and 33, using in the retracement for said resurvey, the record of the Meyrick retracement for the courses of the random lines

RETRACEMENT FOR RESURVEY.

From the original cor. of secs. 4, 5, 32 and 33, hereinafter described,

S. 89° 15' E., on a random line, bet. secs. 4 and 33 (W. $\frac{1}{4}$).

40.23 (Record dist.) Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 33. Set temp. $\frac{1}{4}$ sec. cor. of said secs.

Thence

S. 89° 26' E., on a random line, bet. secs. 4 and 33 (E. $\frac{1}{4}$)

40.00 (Record dist.) Set temp. cor. of secs. 3, 4, 33 and 34, from which the original cor. of said secs., hereinafter described, bears N. 75° 37' E., 40 lks. dist. This tie is the basis for the reestablishment of the missing $\frac{1}{4}$ sec. cor. as hereinafter described. By computation to a point N. 75° 37' E., 20 lks. dist. from the temp. $\frac{1}{4}$ sec. cor., the resulting true courses and lengths of the Tp. bdy. bet. secs. 4 and 33 are found to be as follows:

East half; N. 89° 30' W., 40.19 chs.
West half; N. 89° 19' W., 40.43 chs.

RESURVEY.

The original cor. of secs. 3, 4, 33 and 34, is found to be a cedar post, 3 ft. long, 3 ins. square, lying on a mound of earth, equidistant from four pits, one each NE., SE., SW., and NW.. The post is marked in Roman numerals as follows: "T 18 N R 18 E S 34", on one face, "S 3" on another, "T 17 N R 18 E S 4" on another, and "33" on another face, and 3 notches on each of two opposite edges. No bearing trees.

Reestablish this cor. as follows:

Destroy the old mound of earth and in center of its position, reset the old post, 24 ins. in the ground facing the markings toward the secs. to which they refer, and alongside set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap

T 18	N	R 18	E
S 33	S	34	

S 4	S	3	
T 17 N			
1921			

Fill in the old pits and dig new pits 18 x 18 x 12 ins. in each sec., 3 ft. dist.

Thence

N. 89° 30' W., on true line, bet. secs. 4 and 33 (E. $\frac{1}{4}$)

Over rolling land, thru scattering undergrowth. Asc. gradually over SE. slope.

40.19 (A point 20 lks. N. 75° 37' E. from temp. $\frac{1}{4}$ sec. cor.) 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. 4 and 33, marked on brass cap

$\frac{1}{4}$	S 33
	S 4
1921	

Dependent Resurvey of part of the South Boundary of T. 18 N., R. 18 E. 5.

Chains

Dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist.

Thence

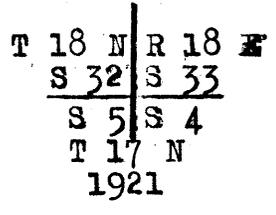
N. 89° 19' W., on a true line, bet. secs. 4 and 33 (W. 1/4). Over rolling land, thru scattering undergrowth. Asc. gradually over SE. slope.

40.43

Intersect the original cor. of secs. 4, 5, 32 and 33, which is a cedar post, 4 ins. square, 3 ft. long, loosely set and projecting 12 ins. above ground, marked in Roman numerals as follows: "T 18 N R 18 E S 33" on NE. face, "S 4" on SE., "T 17 N R 18 E S 5" on SW., and "S 32" on NW. face, and 4 notches on E. edge and 2 notches on W. edge. No trace of accessories can be found.

Reestablish this cor. as follows:

Reset old post in same place and position, 24 ins. in the ground, and alongside same, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap:



Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

Land, rolling.

Soil, sandy, 2nd and 3rd rate.

No timber.

Undergrowth, scattering sagebrush and Brigham weed.

6. Dependent Resurvey of part of the North Boundary of
T. 18 N., R. 18 E.,

Chains	<p>This township boundary was surveyed by John L. Harris, U. S. D. S. in 1879 and retraced by Henry Meyrick, U. S. D. S., in 1882. No subsequent retracement or resurvey on this line is of record.</p> <p>The following notes describe the resurvey of the west $2\frac{1}{2}$ miles of the line using in the retracement for said survey, the record of the Meyrick retracement for the courses of the random lines.</p>
	<p style="text-align: center;"><u>RETRACEMENT FOR RESURVEY</u></p> <p>From the original cor. of Tps. 18 and 19 N., Rs. 17 and 18 E., hereinafter described,</p>
40.08	<p>N. $89^{\circ} 34'$ E., on a random line, bet. secs. 6 and 31 ($W.\frac{1}{2}$) Fall 12 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, hereinafter described. True bearing and length of $W.\frac{1}{2}$ of line bet. secs. 6 and 31, are, therefore, S. $89^{\circ} 44'$ W., 40.08 chs.</p>
	<p>Thence</p>
40.22	<p>N. $89^{\circ} 42'$ E., on a random line, bet. secs. 6 and 31 ($E.\frac{1}{2}$) Fall 21 lks. S. of the original cor. of secs. 5, 6, 31 and 32, hereinafter described. True bearing and length of $E.\frac{1}{2}$ of line bet. secs. 6 and 31 are, therefore, S. $89^{\circ} 24'$ W., 40.22 chs.</p>
	<p>N. $89^{\circ} 50'$ E., on a random line, bet. secs. 5 and 32 ($W.\frac{1}{2}$) 40.09 Fall 01 lk. N. of the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, hereinafter described. True bearing and length of $W.\frac{1}{2}$ of line bet. secs. 5 and 32, are, therefore, S. $89^{\circ} 51'$ W., 40.09 chs.</p>
	<p>Thence,</p>
40.36	<p>N. $89^{\circ} 52'$ E., on random line, bet. secs. 5 and 32 ($E.\frac{1}{2}$) (Record dist.) Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 4, 5, 32 and 33. Set temp. cor. of said secs.</p>
	<p>Thence,</p>
40.40	<p>N. $89^{\circ} 57'$ E., on random line, bet. secs. 4 and 33 ($W.\frac{1}{2}$) (Record dist.) Set temp. $\frac{1}{4}$ sec. cor. of secs. 4 and 33, from which the previously reestablished $\frac{1}{4}$ sec. cor. of said secs. hereinafter described bears N. $4^{\circ} 34'$ E., 76 lks. dist. This tie is used in determining the point for reestablishment of the missing cor. of secs. 4, 5, 32 & 33. By computation to a point 38 lks. N. $4^{\circ} 34'$ E. from temp. cor. of secs. 4, 5, 32 and 33, the resulting true courses and lengths of the Tp. bdy. between $\frac{1}{4}$ sec. cor. of secs. 4 and 33 and $\frac{1}{4}$ sec. cor. of secs. 5 and 32 are found to be as follows:</p>
	<p style="padding-left: 40px;">W. $\frac{1}{2}$ bet. secs. 4 and 33, S. $89^{\circ} 25'$ W., 40.43 chs.</p>
	<p style="padding-left: 40px;">E. $\frac{1}{2}$ bet. secs. 5 and 32, S. $89^{\circ} 20'$ W., 40.39 chs.</p>
	<p style="text-align: center;"><u>RESURVEY.</u></p>
	<p>The $\frac{1}{4}$ sec. cor. of secs. 4 and 33, reestablished by Henry Meyrick, U. S. D. S., in 1882, is a sandstone, 10 x 6 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. No trace of accessories. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.</p>
	<p>Thence</p>
40.43	<p>S. $89^{\circ} 25'$ W. on true line, bet. secs. 4 and 33 ($W.\frac{1}{2}$) Over slightly rolling sandy mesa, devoid of timber or undergrowth. Desc. gradually. (A point 38 lks. N. $4^{\circ} 34'$ E., from temp. cor. of secs. 4, 5, 32 and 33). Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap:</p>

Dependent Resurvey of part of the North Boundary of
T. 18 N., R. 18 E.

7.

Chains

T 19 N | R 18 E
S 32 | S 33
S 5 | S 4
T 18 N
1921

No stone available for mound and pits are impracticable owing to the shifting nature of the soil.

Land, slightly rolling mesa.
Soil, sandy 3rd rate.
No timber or undergrowth.

S. 89° 20' W. on true line bet. secs. 5 and 32 (E. 1/4)
Over slightly rolling and level sandy mesa devoid of timber or undergrowth.
30.00 Leave mesa and descend gradually over rolling sand hills.
40.39 Intersect the original 1/4 sec. cor. of secs. 5 and 32, which is a sandstone 14 x 12 x 4 ins., marked "1/4 S" lying on a mound of stones. No cor. accessories.
Reestablish this cor. in same place as follows: Remove md. of stone and reset orig. cor. stone 10 ins. in the ground with mkg. to the N., and alongside same
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished 1/4 sec. cor. of secs. 5 and 32, marked on brass cap

1/4 S 32
S 5
1921

Raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.
Thence,
S. 89° 51' W. on true line, bet. secs. 5 and 32 (W. 1/4).
Over nearly level adobe land sloping S., devoid of timber or undergrowth.

40.09 Intersect the original cor. of secs. 5, 6, 31 and 32, which is an agatized stone 16 x 12 x 10 ins. mkd. with 5 notches on E. edge and 1 notch on W. edge, loosely set in small md. of stone. No accessories.
Reestablish this cor. in same place as follows: Remove md. of stone and reset orig. cor. stone 12 ins. in the ground and alongside same
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 5, 6, 31 and 32, marked on brass cap

T 19 N | R 18 E
S 31 | S 32
S 6 | S 5
T 18 N
1921

Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
Land, level, rolling and hilly.
Soil, sandy and stony and adobe, 3rd and 4th rate.
No timber or undergrowth.

S. 89° 24' W., on true line bet. secs. 6 and 31 (E. 1/4).
Over slightly rolling and broken, stony, adobe land, devoid of timber or undergrowth.
40.22 Intersect the original 1/4 sec. cor. of secs. 6 and 31, which is an agatized stone 20 x 12 x 5 ins. loosely set in ground, marked "1/4 S" on N. face. No accessories.

8. Dependent Resurvey of part of the North Boundary of
T. 18 N., R. 18 E.

Chains Reestablish this cor. in same place as follows: Reset original cor. stone, 15 ins. in the ground with marking to the N. 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 secs. 6 and 31, marked on brass cap

S 31
S 6
1921

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

Thence
S. 89° 44' W., on true line, bet. secs. 1 and 36 (W. $\frac{1}{2}$)
Over stony hilly land, devoid of timber or undergrowth.

40.08 Intersect the original cor. of Ts. 18 and 19 N., Rs. 17 and 18 E., which is a cedar post, 4 ins. square, projecting 18 ins. above ground, firmly set, marked in Roman numerals as follows: "T 19 N R 18 E S 31" on NE. face, "R 18 E S 6" on SE., "S 1" on SW., and "T 19 N R 17 E S 36" on NW. face, and 6 notches on each of N., S., E., and W. edges. No accessories.

Reestablish this cor. as follows: Alongside old post, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of Ts. 18 and 19 N., Rs. 17 and 18 E., mkd. on brass cap:

T 19 N
R 17 E R 18 E
S 36 S 31
S 1 S 6
T 18 N
1921

Raise a md. of stone 3 ft. base, 2 ft. high, S. of cor.

Land, rolling, broken and hilly.
Soil, stony adobe, 3rd. rate.
No timber or undergrowth.

Dependent Resurvey of part of the West Boundary of
T. 18 N., R. 18 E.

Chains

This township boundary was surveyed by John L. Harris, U. S. D. S. in 1879 and no retracement or resurvey of any part of the line is of record.

The following notes describe the resurvey of that portion of the line situate between secs. 1 and 6, Ts. 18 N., Rs. 17 and 18 E.:

RETRACEMENT FOR RESURVEY.

40.25 From the original cor. of Ts. 18 and 19 N., Rs. 17 and 18 E., hereinbefore described:
South, on random line, bet. secs. 1 and 6 (N. $\frac{1}{2}$)

Fall 20 lks. W. of the orig. $\frac{1}{4}$ sec. cor. of secs. 1 and 6, hereinafter described.

True bearing and length of line back to Tp. cor. are therefore, N. 0° 17' W., 40.25 chs.

40.34 From $\frac{1}{4}$ sec. cor.
South, on random line, bet. secs. 1 and 6 (S. $\frac{1}{2}$)

Fall 17 lks. W. of the original cor. of secs. 1, 6, 7, and 12, hereinafter described.

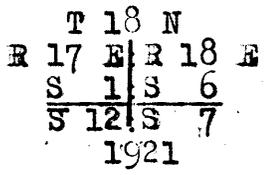
True bearing and length of line back to $\frac{1}{4}$ sec. cor. are therefore, N. 0° 15' W., 40.34 chs.

RESURVEY.

The original cor. of secs. 1, 6, 7 and 12, is a hard sandstone, 20 x 16 x 4 ins. loosely set in a small mound of stones, marked with 1 notch on N. edge and 5 notches on S. edge. No accessories.

Reestablish this cor. in same place as follows:

Remove the mound of stones, reset original cor. stone 18 ins. in the ground, and alongside same, set an iron post, 2 ins. in diam., 24 ins. in the ground, for re-established cor. of secs. 1, 6, 7 and 12, marked on brass cap:



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

Thence N. 0° 15' W., on true line, bet. secs. 1 and 6 (S. $\frac{1}{2}$)
Over rolling, sandy and stony land, devoid of timber or undergrowth. Asc. gradual S.E. slope.

Intersect the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a volcanic stone 12 x 12 x 4 ins., marked "1 S" on W. face, loosely set in ground. No accessories.

Reestablish this cor. in same place as follows: Reset original cor. stone 8 ins. in the ground, with marking to the W. 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 secs. 1 and 6, marked on brass cap:



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

Thence N. 0° 17' W., on true line, bet. secs. 1 and 6 (N. $\frac{1}{2}$)
over rolling sandy and stony land devoid of timber and undergrowth. Asc. gradual S.E. slope.

35.00 Leave rolling and enter broken and hilly land bears E. and W. Asc. 15 ft. over S.E. slope to

40.25 Intersect the reestablished cor. of Ts. 18 and 19 N., Rs. 17 and 18 E., hereinbefore described.

Land, rolling broken and hilly. Soil, sandy and stony adobe, 3rd and 4th rate. No timber or undergrowth.

Dependent Resurvey of part of the Subdivision Lines of
T. 18 N., R. 18 E.

Chains	<p>The subdivision lines of this township, with the exception of lines bet. secs. 28 and 33, 28 and 29, and 5 and 6, were surveyed by John L. Harris, U. S. D. S. in 1879 and no retracement or resurvey of any part thereof is of record. The exceptions mentioned are lines which have never been surveyed. The following notes describe the resurvey of the subdivision lines bounding secs. 5, 6, 28, 29, and 33, the completion of survey of which secs. is to be executed under this group.</p> <p style="text-align: center;"><u>RETRACEMENT FOR RESURVEY.</u></p> <p>From the original cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., hereinbefore described:</p>
40.30	<p>North, on a random line bet. secs. 33 and 34 (S. $\frac{1}{4}$) Fall 9 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 33 and 34, hereinafter described. True bearing and length of S. $\frac{1}{4}$ of line bet. secs. 33 and 34 are, therefore, N. 0° 08' W., 40.30 chs.</p> <p>Thence</p>
40.48	<p>North, on random line, bet. secs. 33 and 34 (N. $\frac{1}{4}$) Fall 47 lks. E. of the original cor. of secs. 27, 28, 33 and 34, hereinafter described. True bearing and length of N. $\frac{1}{4}$ of line bet. secs. 33 and 34, are, therefore, N. 0° 40' W., 40.48 chs.</p>
40.50	<p>North, on a random line, bet. secs. 27 and 28 (S. $\frac{1}{4}$) Fall 01 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 27 and 28, hereinafter described. True bearing and length of S. $\frac{1}{4}$ of line bet. secs. 27 and 28 are therefore, N. 0° 51' W., 40.50 chs.</p> <p>Thence</p>
40.12	<p>North, on a random line, bet. secs. 27 and 28 (N. $\frac{1}{4}$). Fall 3 lks. W. of the original cor. of secs. 21, 22, 27 and 28, hereinafter described. True bearing and length of N. $\frac{1}{4}$ of line bet. secs. 27 and 28 are therefore N. 0° 02' E., 40.12 chs.</p>
40.78	<p>West, on a random line, bet. secs. 21 and 28 (E. $\frac{1}{4}$) Fall 05 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 21 and 28 hereinafter described. True bearing and length of E. $\frac{1}{4}$ of line bet. secs. 21 and 28 are therefore, S. 89° 56' W., 40.78 chs.</p> <p>Thence</p>
40.40	<p>West, on a random line, bet. secs. 21 and 28 (W. $\frac{1}{4}$) Fall 16 lks. N. of the original cor. of secs. 20, 21, 28 and 29, hereinafter described. True bearing and length of W. $\frac{1}{4}$ of line bet. secs. 21 and 28 are therefore, S. 89° 46' W., 40.40 chs.</p>
40.10	<p>S. 89° 52' W., on a random line, bet. secs. 20 and 29. Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.</p>
79.06	<p>Fall 07 lks. S. of the original cor. of secs. 19, 20, 29 and 30, hereinafter described. True bearing and length of line bet. secs. 20 and 29 are, therefore, S. 89° 55' W. 79.06 chs.</p>
40.00	<p>South, on a random line bet. secs. 29 and 30 (N. $\frac{1}{4}$). Fall 08 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 29 and 30 hereinafter described. True bearing and length of N. $\frac{1}{4}$ of line bet. secs. 29 and 30 are there-</p>

Dependent Resurvey of part of the Subdivision Lines of T. 18 N., R. 18 E.

Retracement for Resurvey, Cont'd.

Chains	fore, N. 0° 07' E. 40.00 chs.
40.58	Thence, South, on a random line, bet. secs. 29 and 30 (S. $\frac{1}{4}$). Fall 30 lks. W. of the original cor. of secs. 29, 30, 31 and 32, hereinafter described. True bearing and length of S. $\frac{1}{4}$ of line bet. secs. 29 and 30 are, therefore, N. 0° 31' W. 40.58 chs.
40.04	N. 89° 53' E., on a random line, bet. secs. 29 and 32. Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 29 and 32. Set temp. $\frac{1}{4}$ sec. cor., continue line and measurement.
80.52	Fall 26 lks. S. of the original cor. of secs. 28, 29, 32 and 33, hereinafter described. True bearing and length of line bet. secs. 29 and 32, is therefore S. 89° 42' W., 80.52 chs.
40.35	South, on a random line, bet. secs. 32 and 33 (N. $\frac{1}{4}$). Intersect the original $\frac{1}{4}$ sec. cor. of secs. 32 and 33, hereinafter described. True bearing and length of N. $\frac{1}{4}$ of line bet. secs. 32 and 33, are therefore, North 40.35 chs.
39.95	Thence, South on a random line, bet. secs. 32 and 33 (S. $\frac{1}{4}$) Fall 22 lks. W. of the original cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., hereinbefore described. True bearing and length of S. $\frac{1}{4}$ of line bet. secs. 32 and 33 are, therefore, N. 0° 19' W., 39.95 chs.
39.23	From the cor. of secs. 1, 6, 7 and 12 on W. bdy. of Tp., S. 89° 54' E. on a random line bet. secs. 6 and 7. Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
80.12	Fall 46 lks. S. of the original cor. of secs. 5, 6, 7 and 8, hereinafter described. True bearing and length of line bet. secs. 6 and 7 are, therefore, N. 89° 46' E. 80.12 chs.
40.16	S. 89° 55' E. on a random line bet. secs. 5 and 8 (W. $\frac{1}{4}$) Fall 49 lks. S. of the remains of the original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, hereinafter described. True bearing and length of W. $\frac{1}{4}$ of line bet. secs. 5 and 8 are, therefore, S. 89° 23' W., 40.16 chs.
39.84	Thence, S. 89° 55' E., on a random line, bet. secs. 5 and 8 (E. $\frac{1}{4}$) Fall 10 lks. S. of stone at cor. of wire fence, bearing South and S. 89° 23' W., no marks on stone. Diligent search in this vicinity failing to reveal any trace of the original cor. of secs. 4, 5, 8 and 9, accept this stone and fence cor. as marking the original cor. position. True bearing and length of E. $\frac{1}{4}$ of line bet. secs. 5 and 8 are, therefore, S. 89° 56' W., 39.84 chs.
40.00	North, on random line bet. secs. 4 and 5. Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.

12. Dependent Resurvey of part of the Subdivision Lines of T. 18 N., R. 18 E.

Retracement for Resurvey (Cont'd.)

Chains
80.96

Continue line and measurement
Fall 3 lks. E. of the reestablished cor. of secs. 4, 5, 32 and 33 on N. bdy. of Tp., hereinbefore described. True bearing and length of line bet. secs. 4 and 5 are, therefore, S. 0° 01' E., 80.96 chs.

RESURVEY.

From reestablished cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., hereinbefore described N. 0° 08' W., on true line, bet. secs. 33 & 34 (S. 1/2)

Over rolling sandy land, sloping SE., thru scattering undergrowth. Asc. gradually.

40.30

Intersect the original 1/4 sec. cor. of secs. 33 and 34, which is a cedar post, 3 ins. square, projecting 14 ins. above ground, marked "S" on W. face. No accessories. Reestablish this cor. as follows: Alongside old wood post, set an iron post, 3 ft. long, 1 in in diam., 20 ins. in the ground for reestablished 1/4 sec. cor. of secs. 33 and 34, marked on brass cap:



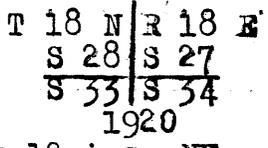
Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist.

Thence, N. 0° 40' W., on true line, bet. secs. 33 and 34 (N. 1/2) Over rolling sandy land, sloping SE., thru scattering undergrowth. Asc. gradually.

40.48

Intersect the original cor. of secs. 27, 28, 33 and 34, which is a cedar stake, 2 1/2 ins. square projecting 12 ins. above ground, marked in Roman numerals as follows: "T 18 N R 18 E S 27" on NE. face, "T 18 N R 18 E S 34" on SE., "S 33" on SW., and "S 28" on NW., face, and 1 notch on S. edge and 3 notches on E. edge. No accessories.

Reestablish this cor. as follows: Alongside old stake, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 27, 28, 33 and 34, marked on brass cap:



Dig pits 18 x 18 x 12 ins. NE., SE., SW., and NW., of post 3 ft. dist.

Land, rolling.
Soil, sandy and stony, 2nd and 3rd rate
No timber.
Undergrowth, scattering sage brush.

N. 0° 51' W., on true line, bet. secs. 27 and 28, (S. 1/2) Over rolling land, thru scattering undergrowth. Asc. over SE. slope.

7.10
20.70

Low ridge, bears NW. and SE. Desc. over NE. slope.
Road from Charlie Warick's ranch to Holbrook, bears E. & W.

40.50

Intersect the original 1/4 sec. cor. of secs. 27 and 28, which is a cedar stake, 2 ins. square, projecting 8 ins above ground, marked "1/4 S" on E. face. No accessories.

Reestablish this cor. as follows: Alongside old stake, set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground for reestablished 1/4 sec. cor. of secs. 27 and 28, mkd. on brass cap:

BOOK 2400

Dependent Resurvey of part of the Subdivision Lines of
T. 18 N., R. 18 E.

Chains

S 28¹/₂ S 27
1920

Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist.

Thence, N. 0° 02' E., on true line, bet, secs. 27 and 28 (N. ¹/₂)
Over slightly rolling land, thru scattering undergrowth

40.12 Intersect the original cor. of secs. 21, 22, 27 and 28, which is a cedar post, 4¹/₂ ins. square projecting 10 ins. above ground, firmly set, mkd. in Roman numerals, as follows: "T 18 N 22" on NE. face, "27" on SE., "28" on SW., and "R 18 E 21" on NW. face, and 2 notches on S. edge, and 3 notches on E. edge. No accessories.

Reestablish this cor. as follows:
Alongside old post, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 21, 22, 27 and 28, mkd. on brass cap:

T 18 N | R 18 E
S 21 | S 22
S 28 | S 27
1921

Dig pits, 18 x 18 x 12 ins. NE., SE., SW., and NW., of post 3 ft. dist.

Land, rolling.
Soil, sandy and gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, scattering sage brush.

From reestablished cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., hereinbefore described
N. 0° 19' W., on true line, bet. secs. 32 and 33 (S. ¹/₂)
Over low rolling sand hills, thru scattering undergrowth.
Asc. gradual S. slope.

39.95 Intersect the remains of the original ¹/₄ sec. cor. of secs. 32 and 33, consisting of a cedar post, 3 ins. square, 3 ft. long, lying on the ground, alongside of old earth mound, midway between two nearly filled pits. Post is marked "¹/₄ S" on one face.

Reestablish this cor. as follows:
Destroy the remains of earth mound and in center of its position, reset the old post 24 ins. in the ground with marked face to the W. and alongside same, set an iron post, 3 ft. long, 1 in. in diam. 24 ins. in the ground, for reestablished ¹/₄ sec. cor. of secs. 32 and 33, mkd. on brass cap:

¹/₄
S 32 | S 33
1920

Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist., which obliterates the remains of the old pits.

Thence, North, on true line, bet. secs. 32 and 33 (N. ¹/₂).
Over rolling sandy land, thru scattering undergrowth.
Asc. gradual SW. slope.

40.35 Intersect original cor. of secs. 28, 29, 32 and 33, which is a cottonwood post, 4 ins. square, projecting 2¹/₂ ft. above ground, greatly decayed, marks on faces illegible, 1 notch on S. edge and 4 notches on E. edge. No accessories.

Reestablish this cor. as follows:
Alongside old post, set an iron post, 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for reestablished cor. of secs. 28, 29, 32 and 33, mkd. on brass cap:

14 Dependent Resurvey of part of the Subdivision Lines of
T. 18 N., R. 18 E.

Chains

T 18 N	R 18 E
S 29	S 28
S 32	S 33
1920	

Dig pits 18 x 18 x 12 ins. NE., SE., SW., and NW.,
of post, 3 ft. dist.

Land, rolling.

Soil, sandy, 3rd rate.

No timber.

Undergrowth, scattering sagebrush.

From reestab. cor. of secs. 21, 22, 27 and 28, herein-
before described.

S. 89° 56' W., on true line, bet. secs. 21 and 28 (E. $\frac{1}{4}$).

Over slightly rolling sandy land sloping N. thru scatter-
ing undergrowth.

- 40.78 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 21 and 28,
which is a cedar post, 3 ins. in diam., flattened,
projecting 10 ins. above ground, mkd. " $\frac{1}{4}$ S" on N.
face. No accessories.

Reestablish this cor. as follows:

Alongside old post; 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. 21 and 28, mkd. on brass cap:

$\frac{1}{4}$ S 21	
$\frac{1}{4}$ S 28	
1920	

Dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft.
dist.

Thence,

S. 89° 46' W., on true line, bet. secs. 21 and 28 (W. $\frac{1}{4}$)

Over slightly rolling sandy land, sloping N., thru scatter-
ing undergrowth.

- 40.40 Intersect the original cor. of secs. 20, 21, 28 and 29, wh
which is a cedar post, 2 ft. long, 3 ins. square, set
in a md. of earth. Post is marked in Roman numerals
as follows: "19" on SE. face, and "29" on SW. face,
and 2 notches on S. edge and 4 notches on E. edge.
Other marking is illegible. No accessories.

Reestablish this cor. as follows:

Destroy the mound of earth and in center of its position,
reset the old post, 16 ins. in the ground and along-
side same set an iron post 3 ft. long, 2 ins. in diam.,
24 ins. in the ground for reestablished cor. of secs.
20, 21, 28 and 29, mkd. on brass cap:

T 18 N	R 18 E
S 20	S 21
S 29	S 28
1920	

Dig pits 18 x 18 x 12 ins., NE., SE., SW., and NW.,
of post, 3 ft. dist.

Land, slightly rolling.

Soil, sandy 2nd and 3rd rate.

No timber.

Undergrowth, scattering sagebrush and Brigham weed.

From the reestablished cor. of secs. 28, 29, 32 and 33,
hereinbefore described.

S. 89° 42' W., on true line, bet. secs. 29 and 32.

Over rolling and broken land, thru scattering undergrowth.
Desc. SW. slope.

- 40.26 (Midpoint) Set an iron post, 3 ft. long; 1 in. in diam.,

Dependent Resurvey of part of the Subdivision Lines of T. 18 N., R. 18 E. 15

Chains

26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of secs. 29 and 32, mkd. on brass cap:

$\frac{1}{4}$ $\frac{S}{S}$ $\frac{29}{32}$
1920

Dig pits 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.

Descend W. slope.

50.12 Ravine, 60 lks. wide, 6 ft. deep, course N.

80.52 Intersect the original cor. of secs. 29, 30, 31 and 32, which is a cedar post, 3 ins. square, projecting 12 ins. above ground, marked with 1 notch on S. edge, and 5 notches on E. edge and on the faces in Roman numerals as follows: "T 18 N S 29" on NE., "R 18 E S 32" on SE., "S 31" on SW., and "S 30" on NW. Slight traces of four pits are visible, NE., SE., SW., and NW. of post.

Reestablish this cor. as follows:

Alongside the old post, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 29, 30, 31 and 32, mkd. on brass cap:

T 18 N | R 18 E
S 30 | S 29
S 31 | S 32
1921

Dig pits 18 x 18 x 12 ins., NE., SE., SW., and NW., of post 3 ft. dist.

Land, rolling and broken.

Soil, sandy and stony 3rd rate.

No timber.

Undergrowth, scattering sagebrush and Brigham weed.

N. 0° 31' W., on true line, bet. secs. 29 and 30 (S. $\frac{1}{4}$). Over broken stony land, thru scattering undergrowth. Asc. 45 ft. over SW. slope.

30.00 Ridge, bears E. and W. Desc. 40 ft. over NW. slope to

40.58 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 29 and 30, which is a cottonwood post, 3 ins. square, projecting 12 ins. above ground, mkd. " $\frac{1}{4}$ S" on W. face, and witnessed by a small mound of stone W. of cor.

Reestablish this cor. as follows:

Alongside the old post, 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. 29 and 30, mkd. on brass cap:

S 30 | S 29
1921

Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist.

Thence,

N. 0° 07' E., on true line, bet. secs. 29 and 30 (N. $\frac{1}{4}$) Over broken stony hilly land, thru scattering undergrowth. Desc. 10 ft. over NW. slope.

3.26 Foot of descent bears E. and W. Wash, 20 lks. wide, 3 ft. deep, course N. 5° W. Leave broken hilly land and enter slightly rolling sandy land. Desc. gradually.

21.72 Road from Charlie Warick's ranch to Holbrook, bears E. and W.

40.00 Intersect the original cor. of secs. 19, 20, 29 and 30, which is a cottonwood post, 3 ins. square, 20 ins. long, broken off at surface of ground and lying alongside the decayed end of same remaining in the ground. Marks in Roman numerals are visible as follows: "T 18 N" on one face and "R 18 E S 20" on

Dependent Resurvey of part of the Subdivision Lines of
T. 18 N., R. 18 E.

Chains

another, and 5 notches on one edge and 1 notch on adjacent edge, other marks illegible.
Reestablish this cor. as follows:
Reset the mkd. portion of post, 12 ins. in ground, alongside decayed end of same, and alongside both set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 19, 20, 29 and 30, mkd. on brass cap:

T 18 N | R 18 E
S 19 | S 20
S 30 | S 29
1921

Dig pits 18 x 18 x 12 ins., NE., SE., SW., and NW. of post, 3 ft. dist.
Land, broken, hilly and slightly rolling.
Soil, sandy, stony and adobe, 3rd and 4th rate.
No timber.
Undergrowth, scattering sagebrush.

39.53 From reestablished cor. of secs. 20, 21, 28 and 29, hereinbefore described,
S. 89° 55' W., on true line, bet. secs. 20 and 29.
Over slightly rolling sandy land, thru scattering undergrowth. Desc. gradually over N. slope.
(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{2}$ sec. cor. of secs. 20 and 29, mkd. on brass cap:

S 20
S 29
1920

79.06 Dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist.
Intersect the reestablished cor. of secs. 19, 20, 29 and 30.
Land, slightly rolling.
Soil, sandy, 2nd and 3rd rate.
No timber.
Undergrowth, scattering sagebrush.

12.00 From the reestablished cor. of secs. 4, 5, 32 and 33 on N. bdy. of Tp., hereinbefore described.
S. 0° 1' E., on true line, bet. secs. 4 and 5.
Over level sandy mesa land, devoid of timber and undergrowth.
S. edge of mesa, brs. E. and W. Leave level and enter hilly land. Descend over S. slope.
49.51 (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. 4 and 5, marked on brass cap,

S 5 $\frac{1}{4}$ S 4
1921

80.96 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Descend gradually, over S. slope.
Intersect an unmarked stone in fence cor., from which fence extends S. and S. 89° 23' W.
Accept this as the point of original location of the cor. of secs. 4, 5, 8 and 9, as there is no available evidence to the contrary, and this point agrees with property

Dependent Resurvey of part of the Subdivision lines of Township 18 North, Range 18 East.

Chains.

lines in the vicinity.
Reestablish this cor. as follows:
Alongside the stone, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T18N	R18E
S 5	S 4
S 8	S 9

1921

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, level and hilly.
Soil, sandy and stony, 3rd and 4th rate.
No timber or undergrowth.

39.84

S. 89° 50' W., on a true line, bet. secs. 5 and 8 (E. 1/2).
Over sandy hilly land, thru. scattering undergrowth. Asc. gradually over S. slope, along N. side of wire fence, nearly parallel to and S. of line.
Intersect the original 1/4 sec. cor. of secs. 5 and 8, which is a sandstone, 6x5x4 ins., loosely set, marked "1/4 S" on N. face. No accessories.
Reestablish this cor. as follows:
Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 5 and 8, marked on brass cap,

1/4 S 5
S 8

1920

Dig pits, 18x18x12 ins. E. and W. of post 3 ft. dist.
Thence,
S. 89° 23' W., on true line, bet. secs. 5 and 8 (W. 1/2).
Over slightly rolling, sandy land, sloping S, thru. scattering undergrowth, nearly parallel to wire fence, near line on the S.

40.16

Intersect the original cor. of secs. 5, 6, 7 and 8, which is a sandstone, 14x10x2 ins. above ground, marked with 5 notches on each of E. and S. edges. No accessories. This stone is set at cor. of wire fence, extending S. and N. 89° 23' E.
Reestablish this cor. as follows:
Alongside stone, set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground, for reestablished cor. of secs. 5, 6, 7 and 8, marked on brass cap,

T18N	R18E
S 6	S 5
S 7	S 8

1920

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor. Land, hilly and slightly rolling.
Soil, sandy, gravelly and stony, 3rd and 4th rate.
No timber.
Undergrowth, scattering sage brush.

14.40

From reestablished cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., hereinbefore described,
N. 89° 40' E., on true line, bet. secs. 6 and 7.
Over stony, hilly land, thru. scattering undergrowth. Descend over SE. slope.
Ravine, 20 lks. wide, 25 ft. deep, course S. Ascend 35 ft. over W. slope.

32.80

Ridge, brs. NW and SE. Descend 30 ft. over NE. slope.

Dependent Resurvey of part of

18

Subdivision lines of Township 18 North, Range 18 East.

Chains.

39.67 (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. 6 and 7, marked on brass cap,

$\frac{1}{4}$ S 6
S 7
1920

50.33 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Gulch, 30 lks. wide, 6 ft. deep, course S.

09.00 Ascend 32 ft., over W. slope.

71.90 Top of butte, brs. N. and S. Descend 35 ft., over E. slope.

75.00 Foot of descent, brs. N. and S. Enter level land.

80.12 Intersect the reestablished cor. of secs. 5, 6, 7 and 8. Land, hilly, rolling and level.

Soil, sandy, gravelly and stony, 3rd and 4th rate. No timber.

Undergrowth, scattering sage brush.

Survey of part (Completion) of Subdivision lines of Township 18 North, Range 18 East.

From the reestablished cor. of secs. 28, 29, 32 and 33, hereinbefore described,

East, on random line, bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line, 28 lks. N. of the reestablished cor. of secs. 27, 28, 33 and 34, hereinbefore described.

Thence,

N. 89° 48' W., on a true line, bet. secs. 28 and 33.

Over rolling, sandy and stony land, near base of S. slope from Apache Butte, thru. scattering undergrowth.

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 28 and 33, marked on brass cap,

$\frac{1}{4}$ S. 28
S 33
1920

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Continue over rolling S. slope of Apache Butte.

80.08 Intersect the reestablished cor. of secs. 28, 29, 32 and 33. Land, rolling.

Soil, sandy and stony, 3rd rate.

No timber.

Undergrowth, scattering sage brush.

From reestablished cor. of secs. 20, 21, 28 and 29, hereinbefore described,

South, on random line, bet. secs. 28 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect E. and W. line, 178 lks. W., of the reestablished cor. of secs. 28, 29, 32 and 33, hereinbefore described.

Thence,

N. 1° 17' W., on true line, bet. secs. 28 and 29.

Over rolling, sandy land, near base of Apache Butte, thru. scattering undergrowth.

Ascend over SW. slope.

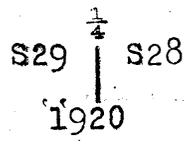
5.00 Top of spur, from Apache Butte, slopes S. 70° W. Descend 40 ft. over NW. slope to $\frac{1}{4}$ sec. cor.

7.25 Boulder 20 ft. high on line.

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. 28 and 29, marked on brass cap,

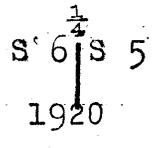
Survey of part (completion) of
Subdivision lines of Township 18 North, Range 18 East.

Chains.



50.00 Dig pits, .18x13x12 ins., N. and S. of post, 3 ft. dist.
Descend over NW. slope.
Wash, 6 lks. wide, 2 ft. deep, course N.15°E. Descend
gradually, over slightly rolling land, sloping NE.
52.25 Road from Charlie Warick's ranch to Holbrook, brs. E. and
W.
80.00 Intersect the reestablished cor. of secs. 20, 21, 28 and 29,
hereinbefore described.
Land, rolling.
Soil, sandy and stony, 3rd and 4th rate.
No timber.
Undergrowth, scattering sage brush.

40.00 From reestablished cor. of secs. 5, 6, 7 and 8, hereinbefore
described,
North, on random line, bet. secs. 5 and 6.
Set temp. 1/4 sec. cor.
80.78 Fall 28 lks. E. of the reestablished cor. of secs. 5, 6, 31
and 32, on N. bdy. of 1/4 sec., hereinbefore described.
Thence,
S. 0°12' E., on true line, bet. secs. 5 and 6.
Over slightly rolling adobe land, thru. scattering under-
growth. Desc. gradually, over S. slope.
40.39 (Mid point) set an iron post, 3 ft. long, 1 in. in diam.
20 ins. in the ground, for 1/4 sec. cor. of secs. 5 and
6, marked on brass cap,



80.78 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W of cor.
Intersect the reestablished cor. of secs. 5, 6, 7 and 8.
Land, slightly rolling.
Soil, sandy and adobe, 3rd rate.
No timber.
Undergrowth, scattering sage brush.

Boundaries of Sections 5 and 6.

Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
Subdivisional Boundary, (E. and S.)	S. 0° 1' E.	80.96		80.96	.03	
	S. 89° 56' W.	39.84		.05		39.84
	S. 89° 23' W.	40.16		.43		40.16
	S. 89° 46' W.	80.12		.32		80.12
W. bdy. of Tp.	N. 0° 15' W.	40.34	40.34			.18
	N. 0° 17' W.	40.25	40.25			.20
N. bdy. of Tp.	N. 89° 44' E.	40.08	.19		40.08	
	N. 89° 24' E.	40.22	.42		40.22	
	N. 89° 51' E.	40.09	.11		40.09	
	N. 89° 20' E.	40.39	.47		40.39	
Convergency,					.02	
<u>Totals.</u>			81.78	81.76	160.83	160.50
			81.76		160.50	
Error in latitude,			0.02			
Error in departure,					0.33	

Boundaries of Sections 28, 29 and 33.

Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. bdy. of Tp.,	N. 89° 30' W.	40.19	.35			40.19
	N. 89° 19' W.	40.43	.48			40.43
Subdivisional Boundary, (N., E. and W.)	N. 0° 19' W.	39.95	39.95			.22
	North,	40.35	40.35			
	S. 89° 42' W.	80.52		.42		80.52
	N. 0° 31' W.	40.58	40.58			.36
	N. 0° 07' E.	40.00	40.00		.008	
	N. 89° 55' E.	79.06	.12		79.06	
	N. 89° 46' E.	40.40	.16		40.40	
	N. 89° 56' E.	40.78	.05		40.78	
	S. 0° 02' W.	40.12		40.12		.03
	S. 0° 51' E.	40.50		40.50	.59	
S. 0° 40' E.	40.48		40.48	.47		
S. 0° 08' E.	40.30		40.30	.09		
Convergency,					.04	
<u>Totals.</u>			162.04	161.82	161.51	161.75
			161.82		161.51	161.51
Errors in latitude,			0.22			
Error in departure,					0.24	

GENERAL DESCRIPTION.

The land in secs. 5 and 6 is broken and hilly, and the soil stony, adobe clay, nearly all 3rd and 4th rate; is covered with a light growth of bunch grass, and scattering sage brush undergrowth.

These sections drain in a southerly direction into the Little Colorado River.

The land in secs. 28, 29, and 33 is nearly all rolling stony hills, the soil of which is a shallow sandy and adobe clay underlaid over a large portion of the area with sandstone. The land in these sections can practically all be classed as 2nd and 3rd rate, and is covered with a medium growth of bunch grass and sage brush undergrowth.

The drainage in these sections is in a northerly direction into the Little Colorado River.

There is no water, timber, or mineral deposits in these sections, and no settlers residing on the land. The land though not of any material value for agricultural purposes is valuable for grazing purposes, for which purpose it is being used at the present time.

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, Sidney E. Blout, U. S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 92, Arizona,

bearing date of the 27th day of September, 1918, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South, West, and

North boundaries, and resurveyed and surveyed all those parts or portions of the Subdivision lines of

Township 18 North, Range 18 East,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 2 hereof

the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 92, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona

Date October 21, 1921

Sidney E. Blout
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona Nov. 15, 1921

The foregoing field notes of the survey of parts of the South, West, and North boundaries, and of the resurvey and survey of part (completion) of the Subdivision lines of

Township 18 North, Range 18 East,

of the Gila and Salt River Base and Meridian,

in the State of Arizona,

executed by Sidney E. Blout, U. S. Cadastral Engineer,

under his special instructions dated September 27, 1918 for Group 92, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Grand O. Frost
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.