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BOOK 3497

Book "C"

FIELD NOTES

OF THE RESURVEY OF

part of the East boundary,

all of the North boundary,

and

part of the West boundary,

AND OF THE RESURVEY AND SURVEY OF

part of the Subdivision lines of

Township 18 North, Range 19 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 17, 1920.

Resurvey and Survey completed May 19, 1921

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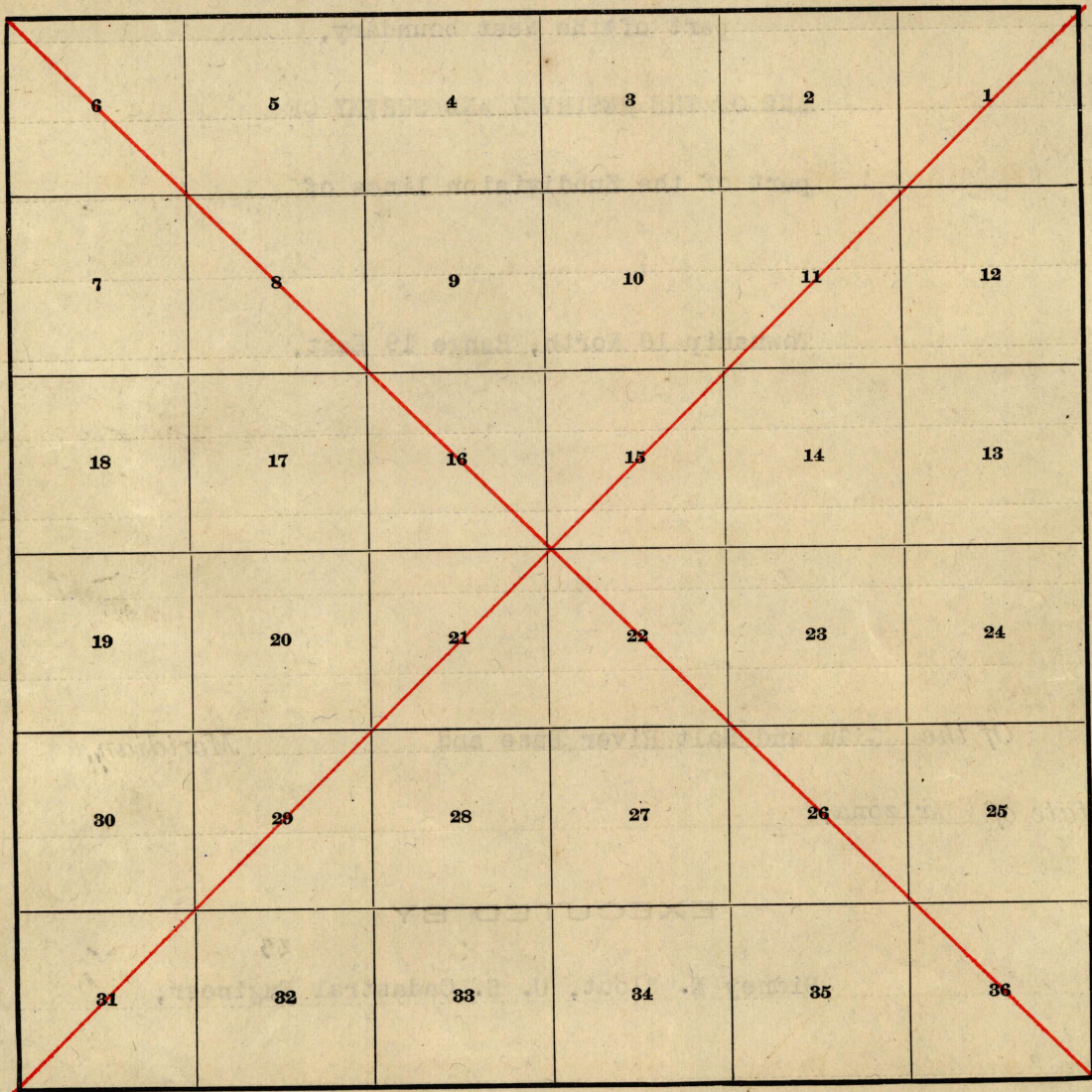
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FIELD NOTES

~~INDEX DIAGRAM.~~

~~Township~~

~~Range~~

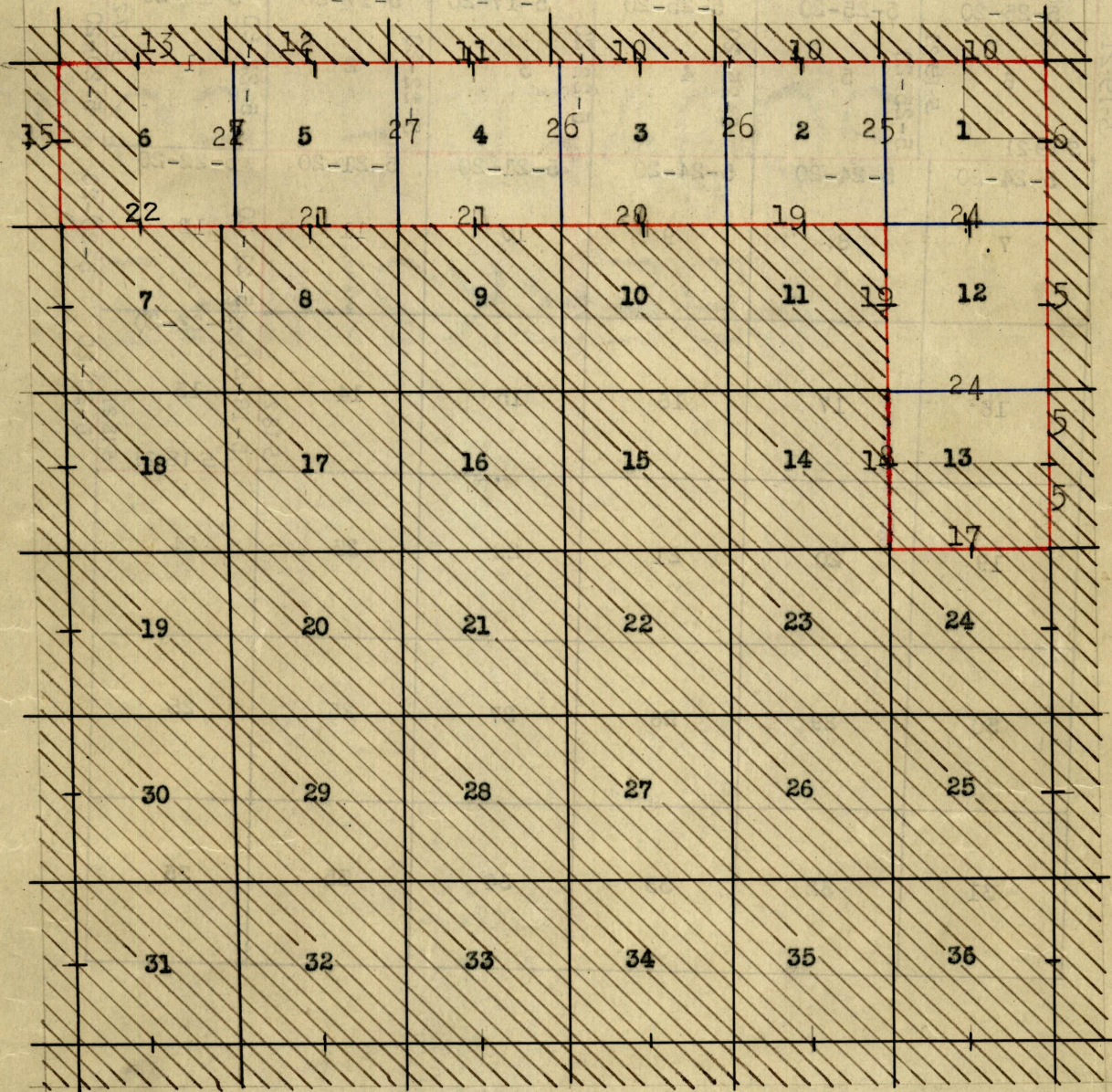


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Index Diagram

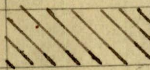
Township 18 North, Range 19 East.



— Lines resurveyed under this group.

— Lines surveyed under this group.

— Accepted surveys.

 Areas surveyed as per accepted plats on file.

BOOK 3497

Date Diagram

Township 18 North, Range 19 East.

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

On the above diagram:-

blue lines indicate surveys, and
red lines indicate resurveys,

all executed by Sidney E. Blout, U. S. Cadastral Engineer,
on dates shown thereon,
and black lines indicate accepted surveys.

Chains.

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 true 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:

At camp in sec. 16, T. 18 N., R. 19 E., lat. $34^{\circ}57'N.$, long. $110^{\circ}19'W.$, set off $34^{\circ}57'N.$ on the lat. arc; $18^{\circ}45\frac{1}{2}'N.$ on the decl. arc, and at 4h. 30m. p.m., apparent time, May 14, 1920, determine a meridian with the solar, and mark its direction by a tack in stake driven in the ground 5 chs. N.

At the same station, at 7h. 16m. p.m., l.m.t., by watch, which is set to read correct local mean time, make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven in the ground 5 chs. N.

May 15, 1920, lay off the azimuth of Polaris $0^{\circ}44'$ to the east, and mark the meridian thus determined by a tack in the stake already set 5 chs. N. on which the meridian falls $01\frac{1}{2}'E.$ of the mark determined by the solar.

At 7h. 30m. a.m., apparent time, set off $34^{\circ}57'N.$ on the lat. arc; $18^{\circ}54\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar, and mark a point thereof on the stake already set 5 chs. N.; this mark agrees with the point established by the Polaris observations.

The solar apparatus by p.m. and a.m. observations defines positions for meridians which agree within about $01\frac{1}{2}'$ of the meridian established by the Polaris observations; therefore, conclude that the adjustments of the solar attachment are satisfactory.

The magnetic bearing of the true meridian at 8 a.m. is $N.14^{\circ}50'W.$, and the angle thus determined gives the magnetic decl. $14^{\circ}50'E.$

May 16, 1920, at the same station, make a meridian observation of the sun for latitude, observing simultaneously, the altitude of the sun's lower limb and transit of the sun's west limb reversing the telescope, and observing simultaneously, the altitude of the sun's upper limb and transit of the sun's east limb.

Mean observed altitude $74^{\circ}12'00''$
Reduced latitude, $34^{\circ}58'21''$

Dependent Resurvey of part of East bdy. of T.18 N., R.19 E.

4

Chains.

This township boundary was surveyed by John L. Harris, U.S.D. S. in 1879, and retraced and resurveyed by Henry Meyrick, U.S.D.S. in 1882. No subsequent retracement or resurvey of any part of said boundary is of record. The following notes describe a dependent resurvey of the north half of the line, using in the retracement for resurvey thereof the record of the Meyrick retracement of such portion of the line.

Retracement for Resurvey.

From the original cor. of Ts. 18 and 19 N., Rs. 19 and 20 E., hereinafter described,

39.82 S. 0° 06' E., on a random line, bet. secs. 1 and 6 (N. ½). Fall 10 lks. W. of the original ¼ sec. cor. of secs. 1 and 6, hereinafter described. True bearing and length of N. ½ of line, bet. secs. 1 and 6 are therefore, N. 0° 15' W., 39.82 chs.

Thence, 40.02 S. 0° 10' E., on a random line on S. half of W. bdy. of sec. 6. Fall 36 lks. W. of the original cor. of secs. 1, 6, 7 and 12, hereinafter described. True bearing and length of S. ½ of W. bdy. of sec. 6 are therefore, N. 0° 41' W., 40.02 chs.

40.30 S. 0° 08' E., on a random line, on N. ½ of W. bdy. of sec. 7. Fall 22 lks. W. of the original ¼ sec. cor. of secs. 7 and 12, hereinafter described. True bearing and length of N. ½ of W. bdy. of sec. 7 are therefore, N. 0° 27' W., 40.30 chs.

40.10 Thence, S. 0° 10' W., on a random line, on S. ½ of W. bdy. of sec. 7. Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 7, 12, 13 and 18. Set temp. cor. of secs. 7 and 18.

39.90 From temp. cor. of secs. 7 and 18, S. 0° 06' W., on a random line, on N. ½ of W. bdy. of sec. 18. Diligent search in this vicinity fails to reveal any trace of the original ¼ sec. cor. of secs. 13 and 18. Set temp. ¼ sec. cor. of said secs.

40.10 Thence, S. 0° 08' E., on a random line, bet. secs. 13 and 18 (S. ½). Set temp. cor. of secs. 13, 18, 19 and 24, from which the original cor. of said secs. hereinafter described, brs. S. 58° 48'

E., 165 lks. dist. This tie is used in determining the points for reestablishment of the missing sec. cor. and ¼ sec. cor. as follows: From temp. cor. of secs. 7 and 18, reestablished cor. point of said secs. is S. 58° 48' E., 550 lks. dist., and from temp. ¼ sec. cor. of secs. 13 and 18, reestablished cor. point is S. 58° 48' E., 110 lks. dist.

The resulting courses and lengths of the intervals bet. such reestablished cor. points are as follows:
 S. ½ bet. secs. 13 and 18: N. 0° 48' W., 40.38 chs.
 N. ½ bet. secs. 13 and 18: N. 0° 34' W., 40.19 chs.
 S. ½ of W. bdy. of sec. 7, N. 0° 30' W., 40.38 chs.

RESURVEY:

The original cor. of secs. 13, 18, 19 and 24, Ts. 18 N., Rs. 19 and 20 E. is a cottonwood post, 3 ins. square, projecting 2 ft. above ground, set in ground, and in small mound of earth. Post is marked with 3 notches on each of N. and S. edges, but the marking on the faces of same is illegible. Faint traces of pits NE, SE, SW and NW. of post, 5 ½ ft. dist. Reestablish this cor. as follows:

Chains.

Destroy the mound of earth, obliterate the pits, and along-side the old post; set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap,

T18N
R19E | R20E
S13 | S18
S24 | S19
1921

Dig pits, 18x18x12 ins., NE., SE., SW and NW. of post, 3 ft. dist.

Thence N. 0° 48' W., on a true line, bet. secs. 13 and 18 (S. 1/2). Over stony, hilly land, devoid of timber or undergrowth. Descend over NW. slope.

- 3.56 Wash, 20 lks. wide, course W. Ascend S. slope.
- 6.25 Top of hill brs. E. and W. Descend 15 ft., over N. slope.
- 12.46 Wash, 100 lks. wide, banks 6 ft. high, course W. Leave hilly, and enter level bottom land.

40.38 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 13 and 18, marked on brass cap,

S13 | S18
1920

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

Thence, N. 0° 34' W., on true line, bet. secs. 13 and 18 (N. 1/2). Over level land, devoid of timber or undergrowth.

- 1.60 Leave level and enter hilly land. Ascend over S. slope.
- 19.58 Top of hill, brs. NE and SW. Descend over NW. slope.
- 31.62 Foot of descent in draw, course SW. Ascend over SE. slope.
- 39.84 Wire fence brs. E. and W.
- 40.19 (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7, 12, 13 and 18, marked on brass cap,

T18N
R19E | R20E
S12 | S 7
S13 | S18
1920

Dig pits, 18x18x12 ins., in each sec. NE., SE., SW. and NW. of cor. 3 ft. dist.

Land, level and hilly. Soil, sandy and stony, 2nd and 3rd rate. No timber or undergrowth.

N. 0° 30' W., on a true line, on E. bdy. of sec. 12. Over adobe hills devoid of timber or undergrowth. Ascend over SE. slope.

- 6.40 Top of ascent on point of hill, slopes E. Descend over NE. slope.
- 14.05 Wire fence brs. N. 2° W. and S. 2° E.
- 39.91 (Midpoint of E. bdy. of sec. 12), Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 12 only, marked on brass cap,

S12 | S18
1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Continue line and measurement.

6 Dependent Resurvey of part of East bdy. of T. 18 N., R. 19 E.

Chains.

- 40.38 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a sandstone, 18x10x0 ins., set in a mound of stone, marked "1/4 S" on W. face. No accessories. Remove the mound of stone, and reset the same cor. stone in its original position, 14 ins. in the ground, with marking to the E., for reestablished $\frac{1}{4}$ sec. cor. of sec. 7 only. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Thence, N. 0° 27' W., on true line, continuing measurement of E. bdy. of sec. 12. Over hilly land, devoid of timber or undergrowth; ascend SE. slope.
- 79.82 Point of intersection of subdivision line bet. secs. 1 and 12, T. 18 N. R. 19 E., where closing cor. is established as hereinafter described. Land, hilly. Soil, adobe, gravelly and stony, 3rd and 4th rate. No timber or undergrowth.

N. 0° 27' W.; on a true line, on E. bdy. of sec. 1 (S. 1/2). Over stony, hilly land, devoid of timber or undergrowth. Ascend 23 ft., over SE. slope.

- 0.86 (40.30 chs. N. 0° 27' W. from $\frac{1}{4}$ sec. cor. of sec. 7), Intersect the original cor. of secs. 1, 6, 7 and 12, which is a cedar post 2 1/2 ins. sq., projecting 2 ft. above ground, marked in Roman numerals as follows:
 "T18N R20E6" on N. face,
 "S7" on SE. face,
 "S12" on SW. face,
 "S1" on NW. face, and 1 notch on N. edge, and 5 notches on S. edge. No cor. accessories.
 Reestablish this cor. as follows:
 Alongside of the old post, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 6 and 7 only, marked on brass cap,

T18N
 S6
 S7
 R20E

1920

- Raise a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor. Thence N. 0° 41' W. on true line, continuing measurement of S. 1/2 of E. bdy. of sec. 1.
- 9.86 Top of hill, brs. NW and SE. Descend 20 ft., over NE. slope.
- 20.86 Foot of descent in draw, 25 lks. wide, course SE. Asc. 23 ft. over S. slope.
- 30.86 Ridge, brs. NW. and SE. Descend 33 ft., over NE. slope.
- 40.88 (40.02 chs. N. 0° 41' W. from cor. of secs. 6 and 7,) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a sandstone 12x10x3 ins. above ground, marked "1/4" on W. face. No cor. accessories.
 Alongside the old stone, 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,
 S 1 | S 6
 1920
- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence, N. 0° 15' W., on a true line, bet. secs. 1 and 6 (N. 1/2). Over rolling, sandy and adobe land devoid of timber or undergrowth. Ascend 15 ft., over SW. slope.

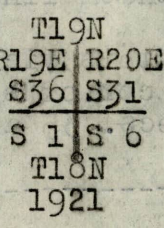
Chains.

3.00 Ridge, brs. NW. and SE. Descend 25 ft., over N. slope, to
 39.82 Intersect the original cor. of Ts. 18 and 19 N., Rs. 19 and 20
 E., which is a cedar post, 5 ins. sq., 2 1/2 ft. long, lying
 on mound of earth equidistant from four pits, one each
 NE., SE., SW. and NW. Post is marked with 6 notches on
 each edge, and on each of the four faces in Roman num-
 erals as follows:

- "T19N R20E S31" on one,
- "T18N R20ES6" on another,
- "18N R19ES1" on another, and
- "T19N R19E S36" on another.

Reestablish this cor. as follows.

Destroy mound of earth, obliterate the old pits, reset
 the old post 18 ins. in the ground, with markings on
 faces toward the townships to which they refer, and
 alongside, 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. 19 and 20 E., marked on brass cap,



Dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft.
 dist.

Land, hilly and rolling.
 Soil, sandy and stony adobe, 2nd and 3rd rate.
 No timber, or undergrowth.

8 Dependent Resurvey of North bdy. of T. 18 N., R. 19 E.

Chains.

This township boundary was surveyed by John L. Harris, U.S.D. S. in 1879, and was retraced and resurveyed in 1882, by Henry Meyrick, U.S.D.S. No subsequent retracement or re-survey of any part of the line is of record. The following notes describe a dependent resurvey of the entire line, using in the retracement for said resurvey the record of the Meyrick retracement and resurvey.

Retracement for Resurvey.

From the original cor. of Ts. 18 and 19 N. Rs. 19 and 20 E., hereinbefore described,

40.21 S. 89°42'W., on a random line, bet. secs. 1 and 36 (E. 1/2). Diligent search in this vicinity fails to reveal any trace of the previously reestablished 1/4 sec. cor. of secs. 1 and 36.

Set temp. 1/4 sec. cor. of said secs. Thence, S. 89°48'W., on a random line, on W. 1/2 of S. bdy. of sec. 36, T. 19 N., R. 19 E.

40.39 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 1, 2, 35 and 36. Set temp. cor. of secs. 35 and 36.

From temp. cor. of secs. 35 and 36,

40.26 S. 89°38'W., on a random line, on E. half of S. bdy. of sec. 35. Set temp. 1/4 sec. cor. of sec. 35, from which the original 1/4 sec. cor. of secs. 2 and 35, hereinafter described, brs. N. 81°02'W., 28 lks. dist. This tie is used in determining the points for reestablishment of the missing 1/4 sec. cor. and sec. cor. as follows: From temp. 1/4 sec. cor. of secs. 1 and 36 the reestablished cor. point is N. 81°02'W., 9 lks. dist., and from temp. cor. of secs. 35 and 36, the reestablished cor. point is N. 81°02'W., 19 lks. dist., and from temp. cor. of secs. 35 and 36, the reestablished cor. point is N. 81°02'W., 19 lks. dist.

The resulting courses and lengths of the intervals bet. such reestablished cor. points are as follows:

- E. 1/2 bet. secs. 1 and 36, S. 89°43'W., 40.30 chs.
- W. 1/2 of S. bdy. of sec. 36, S. 89°50'W., 40.48 chs.
- E. 1/2 of S. bdy. of sec. 35, S. 89°39'W., 40.35 chs.

40.44 From original 1/4 sec. cor., S. 89°47'W. on a random line, on W. 1/2 of S. bdy. of sec. 35. Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 2, 3, 34 and 35. Set temp. cor. of secs. 34 and 35.

From temp. cor. of secs. 34 and 35, N. 89°50'W., on random line on E. half of S. bdy. of sec. 34.

40.24 Diligent search in this vicinity fails to reveal any trace of the previously reestablished 1/4 sec. cor. of secs. 3 and 34.

Set temp. 1/4 sec. cor. of sec. 34. Thence, S. 89°49'W., on a random line, on W. 1/2 of S. bdy. of sec. 34.

40.41 Set temp. cor. of secs. 33 and 34, from which the original cor. of secs. 3, 4, 33 and 34, hereinafter described, brs. N. 84°17'E., 20 lks. dist.

This tie is used in determining the points for reestablishment of the missing sec. cor. and 1/4 sec. cor., as follows:

From temp. cor. of secs. 34 and 35 the reestablished cor. point is N. 84°17'E. 7 lks. dist., and from temp. 1/4 sec. cor. of sec. 34, the reestablished cor. point is N. 84°17'E., 13 lks. dist. The resulting courses and lengths of the intervals bet. such reestablished cor. points are as follows: W. 1/2 of S. bdy. of sec. 35, S. 89°47'W., 40.37 chs.; E. 1/2 of S. bdy. of sec. 34, N. 89°50'W., 40.18 chs.; W. 1/2 of

Dependent Resurvey of North bdy. of T. 18 N., R. 19E.

Chains. S. bdy. of sec. 34, S. 89°49'W., 40.34 chs.

40.34 From original cor. of secs. 3, 4, 33 and 34, S. 89°34'W., on a random line, on E. 1/4 of S. bdy. of sec. 33. Fall 28 lks. S. of the original 1/4 sec. cor. of secs. 4 and 33, hereinafter described. True bearing and length of E. 1/4 of S. bdy. of sec. 33 are therefore S. 89°58'W., 40.34 chs.

40.45 Thence, S. 89°50'W., on a random line, on W. 1/2 of S. bdy. of sec. 33. 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 secs. 32 and 33.

40.32 From temp. cor. of secs. 32 and 33, S. 89°52'W., on a random line, on E. 1/4 of S. bdy. of sec. 32. Set temp. 1/4 sec. cor. of sec. 32, from which the original 1/4 sec. cor. of secs. 5 and 32, hereinafter described, brs. S. 49°45'E., 18 lks. dist. This tie is used in determining the point for reestablishment of the cor. of secs. 32 and 33, as follows: From temp. cor. of said secs., the reestablished cor. point is S. 49°45'E., 9 lks. dist.

40.35 The resulting courses and lengths of the intervals involved in such reestablishment are as follows: W. 1/2 of S. bdy. of sec. 33: S. 89°46'W., 40.38 chs. E. 1/2 of S. bdy. of sec. 32: S. 89°48'W., 40.25 chs. From original 1/4 sec. cor., S. 89°14'W., on a random line, on W. 1/2 of S. bdy. of sec. 12. Fall 17 lks. S. of the original cor. of secs. 5, 6, 31 and 32, hereinafter described. True bearing and length of W. 1/2 of S. bdy. of sec. 32, are therefore S. 89°28'W., 40.35 chs.

40.24 From original cor. of secs. 5, 6, 31 and 32, S. 89°42'W., on a random line, on E. half of S. bdy. of sec. 31. Diligent search in this vicinity fails to reveal any trace of the original 1/4 sec. cor. of secs. 6 and 31. Set temp. 1/4 sec. cor. of said secs.

40.26 Thence, S. 89°10'W., on a random line, bet. secs. 6 and 31 (W. 1/2). Set temp. cor. of Ts. 18 and 19 N., Rs. 18 and 19 E., from which the original cor. of said Ts. hereinafter described, brs. N. 45°00'W., 21 lks. dist. This tie is used in determining the point for reestablishment of the 1/4 sec. cor. of secs. 6 and 31, as follows: From temp. 1/4 sec. cor. of said secs., the reestablished cor. point is N. 45°00'W., 11 lks. dist. The resulting courses and length of the intervals involved in such reestablishment are as follows: E. 1/2 of S. bdy. of sec. 31: S. 89°49'W., 40.32 chs. W. 1/2 of line bet. secs. 6 and 31: S. 89°17'W., 40.33 chs.

10 Dependent Resurvey of N. bdy. of Township 18 North, Range 19 East.

Chains.

- From the reestablished cor. of Ts. 18 and 19 N., Rs. 19 and 20 E., hereinbefore described,
 S. 89° 43' W., on a true line, bet. secs. 1 and 36 (E. $\frac{1}{2}$).
 Over level land, devoid of timber or undergrowth.
- .39 Wire fence brs. N. and S.
 6.50 Wash, 6 lks. wide, 1 $\frac{1}{2}$ ft. deep, course SW.
 40.30 (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. 1 and 36, marked on brass cap,
 $\frac{1}{4}$ S 36
 S 1
 1920
 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Thence S. 89° 50' W., on a true line, on W. $\frac{1}{2}$ of N. bdy. of sec. 1.
 Over level land, devoid of timber or undergrowth.
- 38.34 Point of intersection of subdivision line, bet. secs. 1 and 2, T. 18 N., R. 19 E., at which point closing cor. of said secs. is established as hereinafter described.
 Land, level.
 Soil, sandy and gravelly, 3rd rate.
 No timber or undergrowth.
-
- S. 89° 50' W., on a true line, on N. bdy. of sec. 2.
 Over rolling valley, devoid of timber or undergrowth.
- 2.14 (40.48 chs. S. 89° 50' W., from $\frac{1}{4}$ sec. cor. of secs. 1 and 36),
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 35 and 36 only, marked on brass cap,
 T19N, R19E
 S35 | S36
 1920
 Dig pits, 18x18x12 ins., in each sec. NE. and NW. of post, 3 ft. dist.
 Thence S. 89° 39' W., on a true line, continuing measurement of N. bdy. of sec. 2.
- 29.44 Begin gradual ascent over E. slope.
 40.14 (Midpoint of N. bdy. of sec. 2), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., of sec. 2 only, marked on brass cap,
 $\frac{1}{4}$ S 2
 1920
 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 42.49 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, which is a sandstone, 12x7x6 ins., above ground, firmly set, marked " $\frac{1}{4}$ S" on N. face. No cor. accessories.
 Alongside of the old stone, set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 35 only, marked on brass cap,
 $\frac{1}{4}$ S 35
 1920
 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Thence,
 S. 89° 47' W., on a true line, continuing measurement of N. bdy. of sec. 2.
- 60.79 Wash, 40 lks. wide, 6 ft. deep, course SW.
 80.28 Point of intersection of subdivision line, bet. secs. 2 and 3, T. 18 N., R. 19 E., at which point closing cor. of said secs. is established, as hereinafter described.
 Land, rolling and hilly.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 No timber or undergrowth.
-
- S. 89° 47' W., on a true line, on N. bdy. of sec. 3.
 Over rolling land, devoid of timber or undergrowth.
 Ascend gradually over SE. slope.

Chains.

- 2.28 Wire fence, brs.N. and S.
- 2.36 Road to St. Joseph, Arizona, brs.N. and S.
- 2.58 (40.37 chs.S.89°47'W. from $\frac{1}{4}$ sec.cor. of sec.35) Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for reestablished cor.of secs. 34 and 35, marked on brass cap,

T19N	R19E
S34	S35

1920
- Dig pits; 18x18x12 ins. in each sec.NE.and NW. of post, 3 ft.dist.
 Thence,
 N.89°50'W., on a true line, continuing measurement of N. bdy. of sec.3.
- 3.18 Wire fence brs.N.and S.
- 40.14 (Midpoint of N. bdy. of sec.3), Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor. of sec.3 only, marked on brass cap,

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

1920
- 42.76 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 (40.18 chs. N.89°50'W.from cor.of secs. 34 and 35), Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec.cor. of sec.34 only, marked on brass cap,

$\frac{1}{4}$ S	34
-----------------	----

1920
- Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Thence,
 S.89°49'W. on true line, continuing measurement of N.bdy. of sec.3.
- Ascend 29 ft.over SE.slope.
- 76.98 Sand ridge, brs.NE. and SW. Desc. 46 ft.over NW.slope, to
- 80.28 Point of intersection of Subdivision line bet. secs.3 and 4, T.18 N.,R.19 E., at which point closing cor.of said secs. is established as hereinafter described.
 Land, rolling and hilly.
 Soil, sandy and stony, 2nd and 3rd rate.
 No timber or undergrowth.

- S.89°49'W., on a true line, on N.bdy.of sec.4, over stony, hilly land, devoid of timber or undergrowth.
- Descend 40 ft., over NW.slope.
- 2.82 (40.34 chs.S. 89°49'W. from $\frac{1}{4}$ sec.cor.of sec.34), Intersect the original cor. of secs.3,4,33 and 34, which is a cedar post, 3 ins. sq., projecting 12 ins. above ground, in mound of earth and stone, marked "XXXIV" on NE.face, and "XXXIII" on NW.face; 3 notches on each of E. and W. edges, other marking illegible.
 Reestablish this cor. as follows:
 Remove the mound of earth and stone from around post and alongside same, set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground for reestablished cor.of secs. 33 and 34 only, marked on brass cap,

T19N	R19E
S33	S34

1920

12 Dependent Resurvey of North bdy. of Township 18 North, Range 19 E.

Chains.

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Thence,
S. $89^{\circ}58'W.$, on true line, continuing measurement of N. bdy.
of sec. 4.
- 12.77 Wash, 200 lks. wide, course SW. Asc. 18 ft., over SE. slope.
22.82 Ridge, brs. NE and SW. Descend 18 ft. over W. slope.
29.47 Ravine, 8 lks. wide, 4 ft. deep, course SW.
40.18 (Midpoint of N. bdy. of sec. 4), Set an iron post, 3 ft. long,
1 in. in diam., 26 ins. in the ground for reestablished
 $\frac{1}{4}$ sec. cor. of sec. 4 only, marked in brass cap,

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

1920

- 43.16 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
(40.34 chs. S. $89^{\circ}58'W.$ from cor. of secs. 33 and 34), Inter-
sect the original $\frac{1}{4}$ sec. cor. of secs. 34 and 33, which
is a sandstone $8 \times 8 \times 5$ ins. above ground, firmly set,
marked " $\frac{1}{4}$ " on N. face; no cor. accessories.
Alongside of the old stone, set an iron post 3 ft. long, 1
in. in diam., 26 ins. in the ground, for reestablished
 $\frac{1}{4}$ sec. cor. of sec. 33 only, marked on brass cap,

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

1920

- Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Thence,
S. $89^{\circ}40'W.$, on true line, continuing measurement of N. bdy. of
sec. 4.
- 58.77 Wash, 10 lks. wide, 6 ft. deep, course SW.
80.30 Point of intersection of Subdivision line bet. secs. 4 and
5, T. 18 N., R. 19 E. at which point closing cor. of said
secs. is established as hereinafter described.
Land, rolling and hilly.
Soil, sandy and stony, 3rd rate.
No timber or undergrowth.

- S. $89^{\circ}40'W.$, on true line, on N. bdy. of sec. 5:
Over hilly land, devoid of timber or undergrowth; asc. 23
ft., over NE. slope.
- 1.74 Road from Cedar Springs to St. Joseph, Arizona, brs. N. and
S.
2.20 Wire fence, brs. N. and S.
3.18 (40.38 chs. S. $89^{\circ}46'W.$ from $\frac{1}{4}$ sec. cor. of sec. 33), Set an
iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for reestablished cor. of secs. 32 and 33 only,
marked on brass cap,

T19N	R19E
S32	S33

1920

- Dig pits $18 \times 18 \times 12$ ins., in each sec. NE. and NW. of post,
3 ft. dist.
Thence,
S. $89^{\circ}40'W.$, continuing measurement of N. bdy. of sec. 5.
- 33.18 Ridge, brs. NE and SW. Desc. 43 ft. over NW. slope.
38.20 Foot of descent, brs. NE and SW. Leave hilly, and enter
rolling land.
40.04 (Midpoint of N. bdy. of sec. 5), Set an iron post, 3 ft.
long, 1 in. in diam., 26 ins. in the ground for reestab-
lished $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap,

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

1920

Dependent Resurvey of North bdy. of T. 18 N., R. 19 E. 13.

Chains.

43.43 Raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor. (40.25 chs. S. 89° 48' W. from cor. of secs. 32 and 33), Intersect the original ¼ sec. cor. of secs. 5 and 32, which is a sandstone 24x14x4 ins., loosely set, marked "¼" on N. face. No cor. accessories.
 Alongside of the old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished ¼ sec. cor. of sec. 32 only, marked on brass cap,

¼ S 32.

1920

80.08 Raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor. Thence, S. 89° 28' W., on true line, continuing measurement of N. bdy. of sec. 5.
 Point of intersection of subdivision line bet. secs. 5 and 6, T. 18 N., R. 19 E., at which point closing cor. of said secs. is established as hereinafter described.
 Land, rolling and hilly.
 Soil, gravelly and stony, 3rd rate.
 No timber or undergrowth.

3.70 S. 89° 28' W., on a true line, on E. ½ of N. bdy. of sec. 6. Over rolling land, thru. scattering undergrowth. (40.35 chs. S. 89° 28' W. from ¼ sec. cor. of secs. 32), Intersect the original cor. of secs. 5, 6, 31 and 32, which is an igneous stone 16x6x3 ins. loosely set, marked with 5 notches on E. edge, and 1 notch on W. edge. No cor. accessories.
 Alongside of the old stone, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 31 and 32 only, marked on brass cap,

T19N	R19E
S31	S32

1920

44.02 Raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor. Thence, S. 89° 49' W., on true line, continuing measurement of E. ½ of N. bdy. of sec. 6. (40.32 chs. S. 89° 49' W. from cor. of secs. 31 and 32), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of secs. 6 and 31. marked on brass cap,

¼ S 31
S 6

1920

17.25 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Thence, S. 89° 17' W., on true line, bet. secs. 6 and 31 (W. ½).
 40.33 Over level land, thru. scattering undergrowth. Wash, 200 lks. wide, banks 4 ft. high, course SW.
 Intersect the original cor. of Ts. 18 and 19 N., Rs. 18 and 19 E., which is a cedar post, 2½ ins. sq., 2½ ft. long, lying on remains of old earth mound equidistant from very indistinct remains of 4 pits, one each NE., SE., SW. and NW. of cor.

Post is marked on 4 faces in Roman numerals as follows:

- "T19N R19ES31" on one,
- "T18N" on another,
- "T18N R18E" on another, and
- "T19N R18ES36" on another, and 6 notches on each of 4 edges.

Reestablish this cor. in same place, as follows:
 Destroy the old earth mound, reset the old post 18 ins. in the ground with marked faces in proper directions, and alongside same, set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of

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 said boundary is of record. The following notes describe the resurvey of that portion of the line situate between secs. 1 and 6.

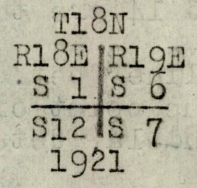
Retracement for Resurvey.

From original cor. of Ts. 18 and 19 N., Rs. 18 and 19 E., hereinbefore described,
 South, on random line, bet. secs. 1 and 6.
 40.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.
 81.00 Fall 61 lks. W. of the original cor. of secs. 1, 6, 7, and 12, hereinafter described.
 True bearing and length of line bet. secs. 1 and 6 are therefore, N. 0° 26' W., 81.00 chs.

Resurvey.

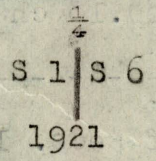
The original cor. of secs. 1, 6, 7 and 12, is a mesquite stake, 3 ins. square, projecting 18 ins. above ground, marked with 1 notch on N. edge, and 5 notches on S. edge. No cor. accessories.

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. 1, 6, 7 and 12, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence, N. 0° 26' W., on a true line, bet. secs. 1 and 6. Over hilly land, thru scattering undergrowth. Asc. 30 ft. over S. slope.

2.10 Top of hill; descend 40 ft., over N. slope.
 35.50 Wash, 300 lks. wide, banks 6 ft. high, course S. 60° W. Leave hilly, and enter level land.
 40.50 (Midpoint) 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,



81.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Intersect the reestablished cor. of Ts. 18 and 19 N., Rs. 18 and 19 E., hereinbefore described.
 Land, hilly and level.
 Soil, sandy and stony, 3rd and 4th rate.
 No timber.
 Undergrowth, scattering sage brush and greasewodd.

16 Dependent Resurvey of part of Subdivision lines of T.18N., R.19 E.

Chains.

The subdivision lines of this township, with the exception of lines between secs. 1 and 12, 12 and 13, and the meridional sec. lines of the north tier of secs. were surveyed by John L. Harris, U.S.D.S. in 1879, and there is no record of retracement or resurvey of any part of same. The exception noted are unsurveyed lines, which are to be surveyed under this group, as hereinafter described. The following notes describe the resurvey of those lines forming boundaries of secs. 2, 3, 4, 5, 6, 12 and 13, and in the retracement for said resurvey, the Harris record is the basis of the random lines.

Retracement for Resurvey.

- From the original cor. of secs. 13, 18, 19 and 24 on E. bdy. of Tp., hereinbefore described,
N. 89° 52' W., on a random line, bet. secs. 13 and 24.
- 40.04 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
- 79.88 Fall 12 lks. S of the original cor. of secs. 13, 14, 23 and 24, hereinafter described.
True bearing and length of line bet. secs. 13 and 24 are therefore N. 89° 47' W., 79.88 chs.
-
- From original cor. of secs. 13, 14, 23 and 24,
North, on a random line, bet. secs. 13 and 14 (S. $\frac{1}{2}$).
- 40.30 Fall 14 lks. E. of the original $\frac{1}{4}$ sec. cor., hereinafter described. True bearing and length of S. half of line bet. secs. 13 and 14 are therefore, N. 0° 12' W., 40.30 chs.
Thence,
North, on a random line, bet. secs. 13 and 14 (N. $\frac{1}{2}$).
- 39.86 Fall 45 lks. E. of the point of original location of cor. of secs. 11, 12, 13 and 14, determined as hereinafter described.
True bearing and length of N. $\frac{1}{2}$ of line, bet. secs. 13 and 14 are therefore, N. 0° 38' W., 39.86 chs.
-
- North, on a random line, bet. secs. 11 and 12.
- 40.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
- 80.18 Intersect the original cor. of secs. 1, 2, 11 and 12, hereinafter described.
True bearing and length of line bet. secs. 11 and 12, are therefore North, 80.18 chs.
-
- From original cor. of secs. 1, 2, 11 and 12,
S. 89° 52' W., on a random line, bet. secs. 2 and 11.
- 39.90 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
- 80.36 Fall 21 lks. N. of the evident remains of the original cor. of secs. 2, 3, 10 and 11, hereinafter described. True bearing and length of line bet. secs. 2 and 11 are therefore S. 89° 43' W., 80.36 chs.
-
- N. 89° 50' W., on a random line, on E. $\frac{1}{2}$ of N. bdy. of sec. 10.
- 39.96 Intersect the original $\frac{1}{4}$ sec. cor., hereinafter described. True bearing and length of E. half of N. bdy. of sec. 10 are therefore N. 89° 50' W., 39.96 chs.
Thence,
N. 89° 50' W., on a random line, on W. $\frac{1}{2}$ of N. bdy. of sec. 10.

Dependent Resurvey of part of Subdivision lines of T.18 N., R.19 E.17

- Chains.
- 40.32 Fall 41 lks.N. of the original cor.of secs.3,4,9 and 10, hereinafter described.
True bearing and length of W. $\frac{1}{2}$ of N.bdy. of sec.10 are therefore S.89°35'W., 40.32 chs.
-
- 40.25 S.89°51'W., on a random line, bet. secs.4 and 9 (E. $\frac{1}{2}$).
Fall 15 lks.N.of the original $\frac{1}{4}$ sec.cor.,hereinafter described.
True bearing and length of E. $\frac{1}{2}$ of line, bet.secs.4 and 9, are therefore S.89° 38'W., 40.25 chs.
Thence,
S.89°51'W., on a random line, bet.secs.4 and 9 (W. $\frac{1}{2}$).
- 40.24 Fall 22 lks.N. of the original cor. of secs. 4,5,8 and 9, hereinafter described.
True bearing and length of W. $\frac{1}{2}$ of line bet.secs.4 and 9 are therefore S.89° 32'W.; 40.24 chs.
-
- 42.56 S.89°55'W., on a random line, on E. $\frac{1}{2}$ of N.bdy. of sec.8.
Fall 26 lks.N.of the original $\frac{1}{4}$ sec.cor., hereinafter described.
True bearing and length of E. $\frac{1}{2}$ of N.bdy.of sec.8 are therefore S.89°33'W., 42.56 chs.
Thence,
S.89°55'W., on a random line, on W. $\frac{1}{2}$ of N.bdy. of sec.8.
- 39.83 Fall 28 lks.N. of the evident remains of the original cor. of secs.5,6, 7 and 8, hereinafter described.
True bearing and slength of W. $\frac{1}{2}$ of N.bdy.of sec.8 are therefore S.89° 31'W., 39.83 chs.
-
- 40.55 S.89°51'W., on a random line, on E. $\frac{1}{2}$ of N.bdy.of sec.7.
Fall 04 lks.N. of the original $\frac{1}{4}$ sec.cor., hereinafter described.
True bearing and length of E. $\frac{1}{2}$ of N. bdy. of sec.7 are therefore, S.89°49' W., 40.55 chs.
Thence,
S 89°51'W., on a random line, on W. $\frac{1}{2}$ of line, bet. secs.6 and 7.
- 40.86 Fall 4 lks.S. of the original cor.of secs.1,6,7 and 12, on W. bdy.of Tp., hereinbefore described.
True bearing and length of W. $\frac{1}{2}$ of line bet. secs. 6 and 7 are therefore, S.89° 54'W., 40.86 chs.
-
- Resurvey.
- From the reestablished cor.of secs. 13,18,19 and 24 on E. bdy.of Tp., hereinbefore described,
N.89°47'W., on a true line, bet. secs.13 and 24.
Over hilly land, devoid of timber or undergrowth. Descend 23 ft.over NW. slope.
- 14.00 Foot of descent brs.NE. and SW. Leave hilly, and enter rolling land in valley.
- 39.94 (Midpoint) 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. 13 and 24, marked on brass cap,
- S 13
 $\frac{1}{4}$
S 24
1921
- 55.60 Raise a mound of stone, 2 ft.base,1 $\frac{1}{2}$ ft.high,N.of cor. Wash, 190 lks.wide, banks, 8 ft. high, course SW. Ascend 23 ft.,over SE.slope.
- 60.00 Ridge, brs.NE and SW. Descend 23 ft.over W.slope,

18 Dependent Resurvey of Part of Subdivision lines of T.18 N., R.19 E.

Chains.

78.48
79.88

Wire fence, brs. N. and S.
Intersect the original cor. of secs. 13, 14, 23 and 24, which is a sandstone, 22x14x3 ins. set in a mound of stone, marked with 1 notch on E. edge, and 3 notches on S. edge. No accessories. Reestablish this cor. as follows:
Destroy old mound of stone, reset old stone, 15 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. 13, 14, 23 and 24, marked on brass cap.

T18N R19E
S14 S13
S23 S24
1921

Dig pits, 18x18x12 ins. in each sec. 3 ft. dist.
Land, hilly and rolling.
Soil, sandy and stony, 2nd and 3rd rate.
No timber or undergrowth.

N.0°12' W., on true line, bet. secs. 13 and 14 (S. 1/2).
Over rolling land, devoid of timber or undergrowth. Desc. gradually over W. slope.

40.30

Intersect the original 1/4 sec. cor., which is a sandstone 24x12x6 ins., set in a mound of stone, marked "1/4" on W. face. No cor. accessories.

Reestablish this cor. in same place as follows:
Destroy mound of stone, reset old stone, 16 ins. in the ground, 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. 13 and 14, marked on brass cap,

S14 S13
1921

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence, N.0°38' W., on a true line, bet. secs. 13 and 14 (N. 1/2). Over hilly and rolling land, thru. scattering undergrowth. Ascend 41 ft., over SE. slope, to

39.86

Intersect the point of original location of the cor. of secs. 11, 12, 13 and 14, evidenced by earth mound, with a charred end of stake in same, and two pits, one each NE. and SE. of mound about 5 ft. dist.

Reestablish this cor. in same place as follows:
Destroy mound of earth, reset the charred end of stake in 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. 11, 12, 13 and 14, marked on brass cap,

T18N R19E
S11 S12
S14 S13
1920

Dig pits, 18x18x12 ins., in each sec. NE., SE., SW. and NW. of post, 3 ft. dist.

Land, hilly and rolling.
Soil, sandy and stony, 3rd rate.
No timber.
Undergrowth, none in S. 1/2, scattering sage brush in N. 1/2.

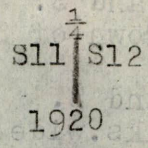
Dependent Resurvey of part of Subdivision lines of T.18N.R.19E. 19

Chains.

North, on true line, bet. secs. 11 and 12.
Over hilly land, thru. scattering undergrowth. Ascend over SE. slope.

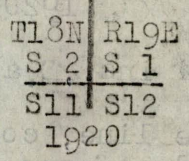
10.00 Ridge, brs. NE. and SW. Descend 20 ft., over NW. slope.
30.00 Ravine, 20 lks. wide, course SW. Ascend 29 ft., over SE. slope, to

40.09 (Midpoint), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 11 and 12, marked on brass cap,



61.66 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Stony ridge, brs. NE. and SW. Descend 100 ft. over NW. slope to

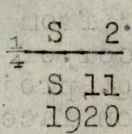
80.18 Intersect the original cor. of secs. 1, 2, 11 and 12, which is a cedar post, 3 ins. square, projecting 2 ft. above ground, marked "SI" on NE. face, "XII" on SE., "XI" on SW. and "II" on NW. face, with 1 notch on N. edge, and 5 notches on S. edge.
Alongside of the old post, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 1, 2, 11 and 12, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, hilly and rolling.
Soil, sandy and adobe clay, 2nd and 3rd rate.
No timber.
Undergrowth, scattering sage brush.

S. 89° 43' W., on a true line, bet. secs. 2 and 11.
Over rolling land, devoid of timber or undergrowth. Descend gradually over W. slope.

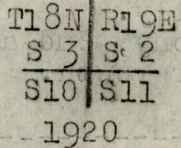
40.18 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished 1/4 sec. cor. of secs. 2 and 11, marked on brass cap,



44.40 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Ravine, 5 lks. wide, 2 ft. deep, course NW. Leave rolling and enter level land.

80.36 Intersect the remains of the original cor. of secs. 2, 3, 10 and 11, which is a decayed stake driven in a mound of earth, with trace of pits NE. and SW. of mound. Diligent search fails to reveal any trace of the charred stake described in the record.

Reestablish this cor. in same place as follows: Destroy mound of earth, reset old stake in 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. 2, 3, 10 and 11, marked on brass cap,



Dig pits, 18x18x12 ins. in each sec. NE., SE., SW. and NW.

20 Dependent Resurvey of part of Subdivision lines of T.18N., R.19E.

Chains.

of post, 3 ft. dist.
Land, rolling and level.
Soil, sandy and adobe clay loam, 2nd and 3rd rate.
No timber or undergrowth.

- 1.77 N. 89° 50' W. on true line, bet. secs. 3 and 10.
- 2.41 Over level land; devoid of timber or undergrowth.
- 2.57 Wire fence, brs. N. and S.
- 33.77 Road brs. S. to the Town of St. Joseph, Arizona, and N. to Cedar Springs.
- 37.00 Wire fence, brs. N and S.
- 39.96 Center of wash, 200 lks. wide, course SW.; ascend 10 ft.
- Top of right bank of same wash, brs. NE. and SW., thence over level land.
- Intersect the original 1/4 sec. cor. of secs. 3 and 10, which is a sandstone 12x0x2 ins. above ground, marked "1/4" on N. face. No cor. accessories. Alongside of 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 sec. 10, only, marked on brass cap,

1/4 S 10
1920

- 40.14 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., Thence, S. 89° 35' W., on true line, continuing measurement. (Midpoint of S. bdy. of sec. 3), Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 3 only, marked on brass cap,

1/4 S 3
1920

- 70.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Continue line and measurement over level land devoid of timber or undergrowth.
- 73.00 Leave level and enter hilly land. Ascend 28 ft. over SE. slope.
- 79.06 Ridge, brs. NE. and SW. Descend 15 ft. over NW. slope, to sec. cor.
- 80.28 Wire fence, brs. N and S.

- (40.32 chs. S. 89° 35' W. from 1/4 sec. cor. of sec. 10), Intersect the original cor. of secs. 3, 4, 9 and 10, which is a cedar post 3 ins. sq., projecting 12 ins. above ground, firmly set, marks on faces almost obliterated, with 3 notches on E. edge.
- This cor. has been perpetuated by a sandstone 10x10x8 ins., above ground, set firmly alongside of the old post. Remove the old stone, and in the same place alongside of the post, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T18N R19E
S 4 S 3
S 9 S 10
1920

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

Dependent Resurvey of part of Subdivision lines of T18N., R.19 E. 21

Chains.

S. 89°38'W., on true line, bet. secs. 4 and 9. (E. 1/4).
Over hilly land, devoid of timber or undergrowth. Descend
15 ft., over NW. slope.

- .41 Wire fence, brs. N. and S. at 5 lks. S. of cor. thereof, from
which fence extends N. 80° W.
 - 10.00 Foot of descent, brs. NE and SW. Asc. 14 ft., over SE. slope.
 - 25.00 Sand ridge, brs. NE. and SW. Descend 45 ft., over NW. slope.
 - 40.25 Intersect the original 1/4 sec. cor., which is a sandstone,
8x6x4 ins. above ground, marked "1/4" on E. face. No cor.
accessories.
- Alongside of the 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. 4 and 9, marked on brass cap,

1/4	S	4
	S	9
		1920

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

- .100 S. 89°32'W., on true line, bet. secs. 4 and 9 (W. 1/4).
 - Over hilly land, devoid of timber or undergrowth.
 - 4.75 Wash, 250 lks. wide; course SW. Ascend 28 ft., over SE.
slope, to
 - 40.24 Intersect the original cor. of secs. 4, 5, 8 and 9, which is
a cedar stake, 2 1/2 ins. square, projecting 12 ins.
above ground, greatly decayed, marks almost obliterated,
with 4 notches on E. edge, and 3 notches on S. edge. No
cor. accessories.
- Alongside of the old stake, 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	R19E
S 5	S 4
S 8	S 9
	1920

Dig pits 18x18x12 ins., in each sec. NE., SE., SW. and NW.
of post 3 ft. dist.
Land, hilly.
Soil, sandy and stony, 3rd rate.
No timber or undergrowth.

S. 89°33'W., on a true line on S. bdy. of sec. 5.
Over rolling and hilly land, devoid of timber or under-
growth. Descend over NW. slope.

- .50 Wire fence, brs. N. and S.
- .60 Road from Cedar Springs to St. Joseph, Arizona, brs. N. and
S.
- 1.20 Wire fence, brs. N and S.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
ground for reestablished 1/4 sec. cor. of sec. 5 only, marked
on brass cap,

1/4	S	5
		1920

- 40.60 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 - 42.56 Wash, 50 lks. wide, banks, 4 ft. high, course SW.
 - Intersect the original 1/4 sec. cor. of secs. 5 and 8, which
is an igneous stone, 4x4x4 ins. above ground, firmly
set, marked "1/4" on N. face. No cor. accessories.
- Alongside of 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 sec. 8 only, marked on brass cap,

22 Dependent Resurvey of part of Subdivision lines of T.18 N., R.19 E.

Chains.

1	S	8
1920		

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 Thence,
 S. 89° 31' W., on true line, continuing measurement of S. bdy.
 of sec. 5.
 Over hilly land devoid of timber or undergrowth. Ascend
 50 ft., over SE. slope.
 70.65 Sand ridge, brs. N. and S. Descend 25 ft. over W. slope, to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground for reestablished cor. of secs. 5 and 6 only,
 marked on brass cap,

T18N	R19E
S 6	S 5

1920

Raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
 Land, rolling and hilly.
 Soil, sandy and stony, 3rd rate.
 No timber or undergrowth.

From reestablished cor. of secs. 5 and 6,
 S. 89° 31' W., on true line, on E. half of S. bdy. of sec. 6.
 Over rolling land devoid of timber or undergrowth.
 2.39 (39.83 chs. S. 89° 31' W. from ¼ sec. cor. of sec. 8), Intersect
 the remains of the original cor. of secs. 5, 6, 7 and 8,
 which is a mound of earth, with decayed end of post in
 center. Reestablish this cor. as follows:
 Destroy mound of earth, reset old post in 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. 7
 and 8 only, marked on brass cap,

S 7	S 8
-----	-----

T18N | R19E

1920

Dig pits, 18x18x12 ins., in each sec. SE. and SW. of post, 3 ft.
 dist.
 Thence,
 S. 89° 49' W., on true line, continuing measurement of E. ½ of
 S. bdy. of sec. 6.
 2.79 Wash, 50 lks. wide, course SW. Ascend over SE. slope.
 13.19 Wire fence, brs. N. and S.
 12.40 Top of ascent on S. slope from hill. Desc. 14 ft. over SW.
 slope.
 17.40 Foot of descent, brs. N. and S.
 42.94 Intersect the original ¼ sec. cor., which is a cedar post
 2 ins. sq., projecting 1½ ft. above ground, greatly decayed,
 dimly marked "¼ S" on N. face. No accessories.
 Alongside of the old post, set an iron post 3 ft. long, 1
 in. in diam., 26 ins. in the ground for reestablished ¼
 sec. cor. of secs. 6 and 7, marked on brass cap,

1	S	6
1920		

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,
 Thence,
 S. 89° 54' W., on true line, on W. ½ of line, bet. secs. 6 and
 7.
 Over rolling land, thru scattering undergrowth.

Dependent Resurvey of part of Subdivision lines of T.18 N., R.19 E. 23

Chains.

- 2.93 Wire fence brs.N.86°E. and S.86°W.
- 8.86 Leave rolling and enter hilly land; ascend 55 ft., over E. slope.
- 13.61 Top of butte, brs.N.and S. Extends about 60 lks.S.of line. Descend 57 ft., over W.slope.
- 18.86 Foot of descent, brs.N.and S. Leave hilly and enter rolling land.
- 40.86 Intersect the reestablished cor.of secs.1,6,7 and 12, on W.bdy.of Tp., hereinbefore described.
Land, rolling and hilly.
Soil, sandy and stony, 3rd and 4th rate.
No timber.
Undergrowth, none in E.half, scattering sage brush in W. half.

Boundaries of secs.1,2,3,4,5,6,12 and 13, T.18 N., R.19 E.
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
	N.89°47'W.	79.88	.30			79.88
	N.0°12'W.	40.30	40.30			.14
	N.0°38'W.	39.86	39.86			.44
	North,	80.18	80.18			
Subdivisional Boundary,	S.89°43'W.	80.36		.40		80.36
	N.89°50'W.	39.96	.12			39.96
	S.89°35'W.	40.32		.29		40.32
	S.89°38'W.	40.25		.26		40.25
	S.89°32'W.	40.24		.33		40.24
	S.89°33'W.	42.56		.32		42.56
	S.89°31'W.	39.83		.34		39.83
	S.89°49'W.	40.55		.13		40.55
	S.89°54'W.	40.86		.07		40.86
West bdy.of Tp.	N.0°26'W.	81.00	81.00			.61
North bdy.of Tp.	N.89°17'E.	40.33	.50		40.33	
	N.89°49'E.	40.32	.13		40.32	
	N.89°28'E.	40.35	.37		40.35	
	N.89°48'E.	40.25	.14		40.25	
	N.89°46'E.	40.38	.16		40.38	
	N.89°58'E.	40.34	.03		40.34	
	N.89°49'E.	40.34	.13		40.34	
	S.89°50'E.	40.18		.12	40.18	
	N.89°47'E.	40.37	.15		40.37	
	N.89°39'E.	40.35	.25		40.35	
	N.89°50'E.	40.48	.12		40.48	
	N.89°43'E.	40.30	.20		40.30	
East bdy.of Tp.	S.0°15'E.	39.82		39.82	.17	
	S.0°41'E.	40.02		40.02	.48	
	S.0°27'E.	40.30		40.30	.32	
	S.0°30'E.	40.38		40.38	.35	
	S.0°34'E.	40.19		40.19	.40	
	S.0°48'E.	40.38		40.38	.56	
Convergency,					.11	
Totals,			243.94	243.35	486.38	486.00
			243.35		486.00	
Error in latitude,			.59			
Error in departure,					.38	

24. Survey of part (Completion) of the Subdivision lines of Township 18 North, Range 19 East.

Chains.

From the reestablished cor. of secs. 11, 12, 13 and 14, here-
 inbefore described;
 S. 89° 47' E., on a random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.68 Intersect E. bdy. of Tp., 49 lks. S. of the reestablished
 cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence,
 S. 89° 52' W., on true line, bet. secs. 12 and 13.
 Over hilly land, devoid of timber or undergrowth. Ascend
 40 ft. over E. slope.
 39.84 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of secs. 12 and 13, marked on
 brass cap,

$\frac{1}{4}$ S 12
 S 13
 1920

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 47.00 Top of hill, brs. N. and SW. Descend 20 ft., over W. slope.
 53.00 Foot of descent in depression, brs. NW and SE. Ascend 57
 ft., over E. slope, to
 79.68 Intersect the reestablished cor. of secs. 11, 12, 13 and 14.
 Land, hilly.
 Soil, stony, 3rd rate.
 No timber or undergrowth.

 From reestablished cor. of secs. 1, 2, 11 and 12, hereinbe-
 fore described,

N. 89° 52' E., on a random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.22 Intersect the E. bdy. of Tp., 86 lks. S. 0° 27' E. of the rees-
 tablished cor. of secs. 6 and 7, T. 18 N., R. 20 E., here-
 inbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for closing cor. of secs. 1 and 12, marked on
 brass cap,

T18N | T18N
 S 1 | R20E
 CC --- S 12
 R19E
 1920

Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Thence,
 S. 89° 52' W., on a true line, bet. secs. 1 and 12.
 Over hilly land, thru. scattering undergrowth. Ascend 134
 ft. over NE. slope.
 17.25 Spur, slopes NE. Descend 56 ft. over NW. slope.
 39.22 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of sec. 12 only. marked on
 brass cap,

$\frac{1}{4}$ S 12
 1920

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on
 brass cap,

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

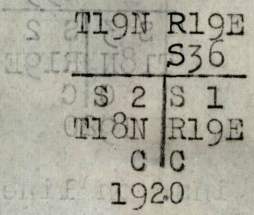
Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 44.00 Foot of descent, brs. NE. and SW. Ascend 23 ft. over E.
 slope.

Survey of part (Completion) of the Subdivision lines of Township 18 North, Range 19 East. 25

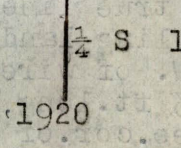
Chains.

50.00 Spur, slopes NE. Descend 58 ft., over NW. slope, to
 65.00 Foot of steep descent; descend gradually to
 79.22 The reestablished cor. of secs. 1, 2, 11 and 12, hereinbefore described.
 Land, rolling and hilly.
 Soil, stony, 3rd rate.
 No timber or undergrowth.

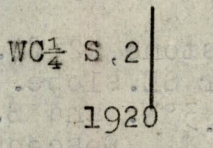
 From reestablished cor. of secs. 1, 2, 11 and 12, North, on a random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.62 Intersect the N. bdy. of Tp., 214 lks. N. $89^{\circ}50'$ E. of the reestablished cor. of secs. 35 and 36, hereinbefore described.
 At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 1 and 2, marked on brass cap,



Dig pits, 18x18x12 ins., on line E., S. and W. of post 3 ft. dist.
 Thence,
 South, on true line, bet. secs. 1 and 2.
 Over level land, thru. scattering undergrowth.
 39.82 Ravine, 25 lks. wide, with cut-banks 15 ft. high, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap,



Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 40.12 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 2 only, marked on brass cap,



Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 40.50 Enter wash, banks 15 ft. high, course S. 10° W., comes from NE. thence in wash.
 40.62 The point for $\frac{1}{4}$ sec. cor. of sec. 2 falls in bed of wash, where prevailing conditions would insure the destruction of the cor.; therefore, establish witness cor. to said cor. at a point 50 lks. N. of true cor. point, as described above.

45.00 Leave wash, course SW., and continue over level land.
 65.00 Leave level and enter rolling land. Ascend gradually over NW. slope.
 80.62 The reestablished cor. of secs. 1, 2, 11 and 12.
 Land, level and rolling.
 Soil, sandy and adobe clay loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering sage brush.

 From reestablished cor. of secs. 2, 3, 10 and 11, hereinbefore

26 Survey of part (Completion) of the
Subdivision lines of Township 18 North, Range 19 East.

Chains.

described,
N.0°01'W., on true line, bet. secs.2 and 3.
Over gently rolling land, thru. scattering undergrowth.
11.75 Wash, 100 lks.wide, 8 ft. deep, course S.50°W.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

1
S 3 | S 2

1920

69.00 Dig pits, 18x18x12 ins., N.and S.of post, 3 ft. dist.
80.66 Wash, 75 lks.wide, 8 ft. deep, course S.50°W.
Intersect N. bdy. of Tp., 258 lks. N.89°47'E. from reestablish-
Set cor. of secs. 34 and 35, hereinbefore described. in
At point of intersection, Set an iron post 3 ft. long, 2 ins.
in diam., 24 ins. in the ground, for closing cor. of secs.
2 and 3, marked on brass cap,

T19N R19E

S35

S 3 | S 2
T18N R19E

C C

1920

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

Land, gently rolling.
Soil, sandy and gravelly loam, 2nd and 3rd rate.
No timber.

Undergrowth, scattering sage brush.

From reestablished cor. of secs. 3, 4, 9 and 10, hereinbefore described,
N.0° 01' W., on a true line, bet. secs. 3 and 4.
Over hilly and rolling land devoid of timber or undergrowth,
about 100 lks. W. of wire fence, bearing N. and S.
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. 3 and 4, marked on brass cap,

1
S 4 | S 3

1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Ascend 71 ft., over SE. slope.

47.41 Wire fence, brs. N. 3° W. and S. 3° E.

57.50 Sandy spur, slopes E. Descend 50 ft., over NE. slope.

71.00 Ravine, course SE: Ascend 23 ft., over SE. slope to closing cor.

79.00 Wire fence, brs. E and W.

80.76 Intersect N. bdy. of Tp., 282 lks. N.89°49'E., from the rees-
tablished cor. of secs. 33 and 34, hereinbefore described.

At point of intersection,

Set an iron post; 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for closing cor. of secs. 3 and 4, marked
on brass cap,

T19N R19E

S34

S 4 | S 3
T18N R19E

C C

1920

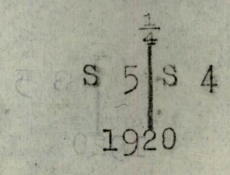
Dig pits, 18x18x12 ins. on line, E., S. and W. of post, 3 ft. dist.

Land, hilly and rolling.

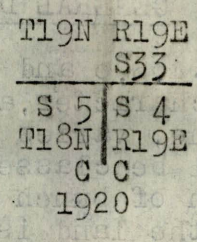
Survey of part (Completion) of the
Subdivision lines of Township 18 North, Range 19 East. 27

Chains.
Soil, sandy and stony, 2nd and 3rd rate.
No timber or undergrowth.

From reestablished cor. of secs. 4, 5, 8 and 9,
N. 0° 02' W., on true line, bet. secs. 4 and 5.
Over rolling land, devoid of timber or undergrowth, about
50 lks. E. from road and wire fence, bearing N. and S.
5.63 Wire fence, brs. N. 86° W. and S. 86° E.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground for $\frac{1}{4}$ sec. cor. of secs. 4 and 5, marked on
brass cap,

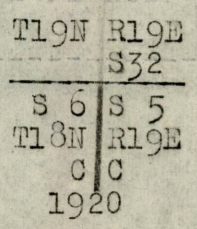


Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist.
Ascend 23 ft., over SE. slope.
56.00 Ridge, brs. NE. and SW. Descend 34 ft., over NW. slope.
58.50 Road, brs. NE. to Cedar Springs and SW. to St. Joseph.
68.42 Wash, 15 lks. wide, course SW. Asc. 46 ft. over S. slope, to C. C.
75.35 Road brs. NW. to Cedar Springs and SE. to St. Joseph.
81.14 Intersect N. bdy. of Tp., 318 lks. N. 89° 40' E. from the rees-
tablished cor. of secs. 32 and 33, hereinbefore described.
At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for closing cor. of secs. 4 and 5, marked on
brass cap,



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

From reestablished cor. of secs. 5, 5 and 6, hereinbefore
described,
N. 0° 02' W., on a random line, bet. secs. 5 and 6.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
81.36 Intersect the N. bdy. of Tp., 370 lks. N. 89° 28' E. from the
reestablished cor. of secs. 31 and 32, hereinbefore de-
scribed.
At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for closing cor. of secs. 5 and 6, marked
on brass cap,

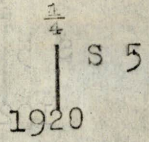


Raise a mound of stone 2 ft. base, 1 1/2 ft. high, S. of cor.
Thence,
S. 0° 02' E., on a true line, bet. secs. 5 and 6.
Over hilly land, thru. scattering undergrowth. Asc. 60 ft.
over NW. slope.
16.50 Sand ridge, brs. NE. and SW. Desc. 50 ft., over SE. slope.

28 Survey of part of (Completion of the
Subdivision lines of Township 18 North, Range 19 East.

Chains.
40.68 (Midpoint of E. bdy. of sec. 6), Set an iron post 3 ft. long,
1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of
sec. 6 only, marked on brass cap,

41.36 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on
brass cap,



81.10 Raise a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.
Wash, 30 lks. wide, 3 ft. deep, course SW. Ascend.
81.36 Intersect the reestablished cor. of secs. 5, 5 and 6, here-
inbefore described.
Land, hilly.
Soil, sandy and stony, 2nd and 3rd rate.
No timber.
Undergrowth, scattering sage brush.

GENERAL DESCRIPTION.

The land in secs. 4, 5, 6 and 12, of this township is nearly
all hilly in character, and the soil which is very sandy
with some stone, varies in depth from 2 to 12 ins., and
can nearly all be classed as 3rd rate, is covered with
a light growth of bunch grass and Brigham weed. In secs.
1, 2, and 33, the land is nearly level, and the soil which
is mostly of a sandy clay loam in texture, underlaid
at a depth of from 6 to 24 ins., with a dry clay sub-
soil, can nearly all be classed as 2nd rate, and with
the aid of irrigation would produce good crops of
corn and alfalfa.

The land along the north boundary of the township is the
highest, and slopes in a southwesterly direction to-
wards the Little Colorado river, which is the source of
drainage of all of the land in the township. The land
is drained by several large sand washes crossing the
Tp. in a southwesterly direction, and discharge into
the above river.

There is neither timber, mineral, nor water within the
area described in the foregoing field notes.
There are no settlers on the above lands, although some
improvements in the nature of fencing and a well in
sec. 3 have been made.
The land is being used at the present time for grazing
purposes, to which it appears to be best adapted.

BOOK 3497

4-680

FIELD ASSISTANTS.

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

NAMES.	CAPACITY.
John B. McClung	Head chainman
Herbert R. Spotts	Rear "
Sterling Everett	Flagman
Andrew Ahlbeck	Moundman
John H. Luck	Axman

BOOK 3497

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, re-surveyed all those parts or portions of the East, North, and West boundaries, and resurveyed and surveyed all those parts or portions of the Subdivision lines of

Township 18 North, Range 19 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 resurvey and said 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 92, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of resurvey and 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 re-survey of part of the East boundary, all of the North boundary, and part of the West boundary, and of the resurvey and survey of part (completion) of the Subdivision lines of

Township 18 North, Range 19 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.

Frank D. 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.

U. S. Surveyor General.