

BOOK 3809
FIELD NOTES

OF THE RESURVEY OF

the North Boundary

AND OF THE SURVEY OF

Part (completion) of the West Boundary,

All of the East Boundary

and

All of the Subdivision Lines of

Township 4 South, Range 31 East

of the Gila and Salt River Base and Meridian,

the State of

ARIZONA

EXECUTED BY

Benjamin J. Kinsey, U.S. Surveyor

and

Charles E. Hunter, U.S. Transitman

In the capacity of U. S. Surveyor 5, under Special Instructions dated June 17, 1925,

United States Surveyor General

issued by the ~~District Cadastral Engineer~~ to govern surveys included in Group

No. 127 Arizona, which were approved by the Commissioner of the General Land

Office, July 1, 1925, and Assignment Instructions dated May 6, 1927.

Resurvey and Survey commenced May 11, 1927.

Resurvey and Survey completed June 5, 1927.

3809

3809

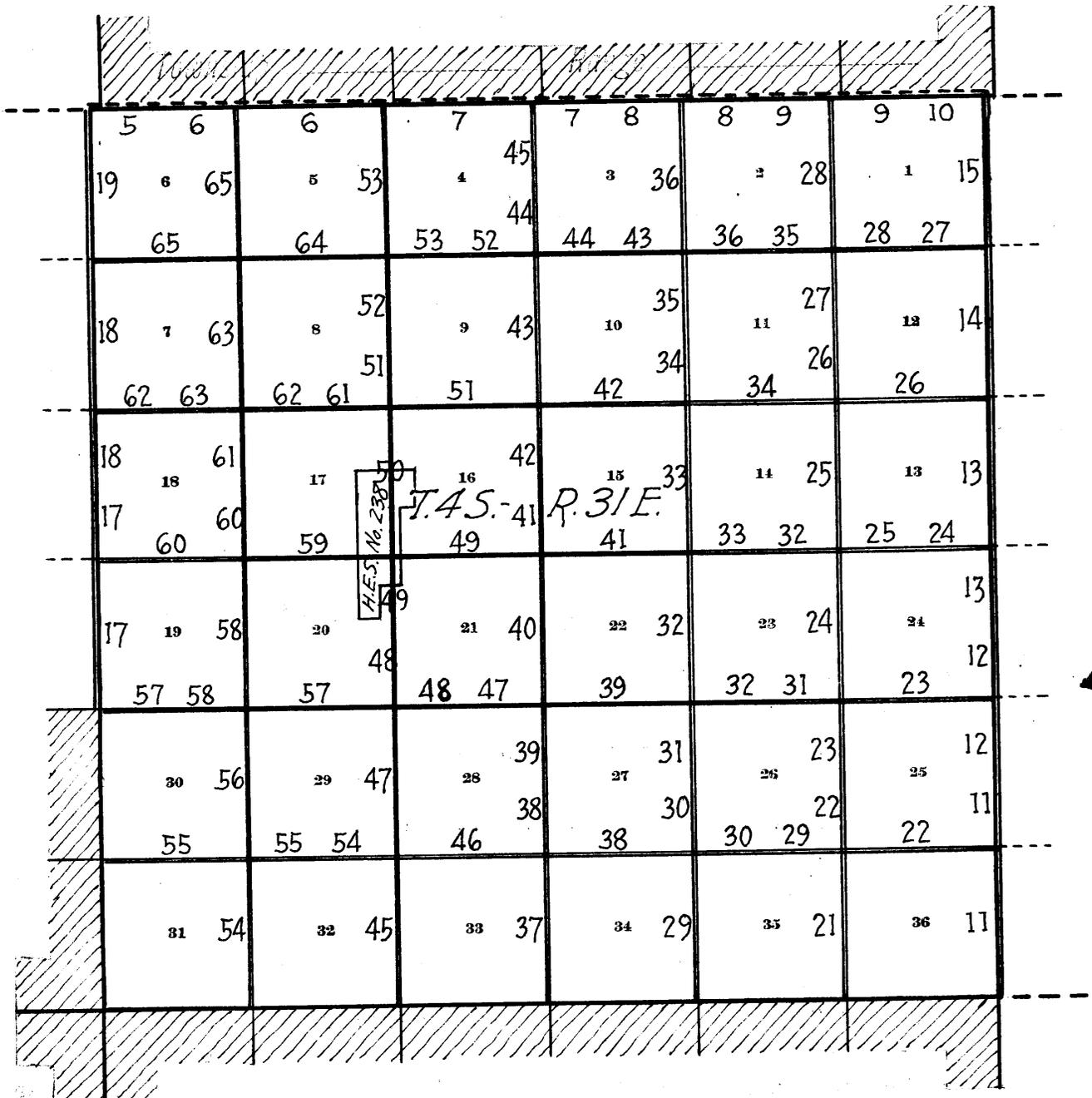
1A

Book "I"

Group 127 - Arizona

BOOK 3809

INDEX DIAGRAM.



————— Surveyed under this group.

- - - - - Resurveyed under this group.

————— Accepted surveys, resurveys or retracements.

- - - - - Unsurveyed.

[Shaded Box] Areas surveyed as per accepted plats on file.

Book "I"
 Group 127 - Arizona
 Township 4 South - Range 31 East

• DATE DIAGRAM •
 - 1927 -

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Surveyed by M. B. Kinney, U.S.S.
 in 1916 under Group No. 65

Surveyed by B. J. Kinsey, U.S.T. in 1911 under Group No. 111

Surveyed by Benj. J. Kinsey, U.S.S. on dates shown thereon.

Resurveyed by Benj. J. Kinsey, U.S.S. on dates shown thereon.

Surveyed by Charles E. Hunter, U.S.T. on dates shown thereon.

Resurveyed by Charles E. Hunter, U.S.T. on dates shown thereon.

Accepted surveys, retracements or resurveys.

Surveys executed on dates shown on diagram on page 1 hereof by Benjamin J. Kinsey, U. S. Surveyor, using a Buff light mountain transit No. 9940; and Charles E. Hunter, U. S. Transitman, using Young & Son transit No. 8478. Each of these instruments is equipped with Smith solar attachment and the horizontal limb of each is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

PRELIMINARY FIELD TEST
of
Buff transit No. 9940.
by
Benjamin J. Kinsey, U. S. Surveyor.

May, 17, 1927. At the corner secs. 2, 3, 34 and 35, Ts. 4 and 5 S., R. 31 E., G. & S. R. B. & M., Arizona, latitude $33^{\circ}02'N.$, longitude $109^{\circ}07'W.$, examine the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observation proceed as follows:

May, 18, 1927, at same station as above mentioned, at 3 h. 57 m., a. m., l. m. t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in peg driven in the ground about 5.00 chains N.

Azimuth of Polaris at eastern elongation: $1^{\circ}18'01''$.

May, 18, 1927, lay off the azimuth of Polaris $1^{\circ}18'$ to the west and mark the meridian thus determined by a flag placed on a ridge about 5 chs. N.

May, 18, 1927, at 9 h. 00 m., a. m., app. t., set off $33^{\circ}02'N.$, on latitude arc; $19^{\circ}26\frac{1}{2}'N.$, on decl. arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is $19^{\circ}28'N.$, which agrees with the computed declination of the sun.

At 3 h. 00 m., p. m., app. t., with lat. arc. unchanged, set off $19^{\circ}30'N.$, on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations made during the usual hours of solar work, agree within $1'30''$ of the true meridian, conclude that the instrument is in adjustment.

Unless otherwise specified all measurements are made with a Lufkin steel tape 5.00 chains in length, compared with a Lufkin Standard steel tape and found correct.

All measurements are made on the slope, the vertical angle determined with a clinometer and the slope measurements properly reduced to horizontal measurements.

PRELIMINARY FIELD TEST

of

Young & Son Transit No. 8478

by

Charles E. Hunter, U. S. Transitman.

 May, 9, 1927, near the cor. of secs. 15, 16, 21 and 22, T.4 S., R. 31 E., Arizona, latitude $33^{\circ}04\frac{1}{2}'N.$, and longitude $109^{\circ}08'W.$, examine the adjustments of the transit and find no errors; then to test the workings of the solar apparatus by comparing its indications with a true meridian established by Polaris observation, proceed as follows:

May, 10, 1927, at 4h. 28m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack, set in top of peg driven in the ground about 5 chs. N.

Azimuth of Polaris at eastern elongation : $1^{\circ}18'00''$

May, 10, 1927, lay off the azimuth of Polaris $1^{\circ}18'$ to the west and mark the meridian thus determined by a tack in a peg driven in the ground about 5 chs. N.

At 9h. 00m., a.m., app. t., set off $33^{\circ}04\frac{1}{2}'N.$, on the latitude arc, $17^{\circ}29'N.$ on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $17^{\circ}31'N.$, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., with the latitude arc unchanged, set off $17^{\circ}33'N.$, on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within $1'30''$ of the true meridian, conclude that the adjustment of the instrument is in satisfactory condition.

Unless otherwise specified all measurements are made with a Lufkin steel tape 5 chs. in length, compared with a Lufkin standard and found correct.

All measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to horizontal distances.

Resurvey of the N. Bdy. of T. 4 S., R. 31 E.

Chains

The N. Bdy. of T. 4 S., R. 31 E., was surveyed in 1925 by Theodore Vander Meer, U. S. Transitman, establishing all cor. monuments thereon with a common reference to areas on both sides of the line. No retracements or resurveys of this line is of record. The following notes describe a resurvey of the N. Bdy. for the purpose of monumenting the $\frac{1}{4}$ sec. cors. thereof.

Retracement for Resurvey.

- From corner of Ts. 3 and 4 S., Rs. 31 and 32 E., hereinafter described.
- 40.01 West, on a random line, on S. bdy. sec. 36 ($E\frac{1}{2}$).
Intersect the original $\frac{1}{4}$ sec. cor. secs. 1 and 36, hereinafter described.
True course and distance of $E\frac{1}{2}$ of the S. bdy. of sec. 36 are therefore, East, 40.01 chs.
Thence,
- 40.00 West, on a random line, on S. bdy. of sec. 36 ($W\frac{1}{2}$).
Intersect the original cor. secs. 1, 2, 35 and 36, hereinafter described.
True course and distance of $W\frac{1}{2}$ of the S. bdy. sec. 36 are therefore, East, 40.00 chs.
- 40.01 West, on a random line, on S. bdy. sec. 35 ($E\frac{1}{2}$).
Fall 14 lks. N. of the original $\frac{1}{4}$ sec. cors secs. 2 and 35, hereinafter described.
True course and distance of $W\frac{1}{2}$ of the S. bdy. sec. 35 are therefore, N. $89^{\circ}48'E.$, 40.01 chs.
Thence,
- 40.00 West, on a random line on S. bdy. sec. 35 ($W\frac{1}{2}$).
Fall 9 lks. N. of the original cor. secs. 2, 3, 34 and 35, hereinafter described.
True course and distance of $W\frac{1}{2}$ of the S. bdy. of sec. 35 are therefore, N. $89^{\circ}52'E.$, 40.00 chs.
- 40.01 West, on a random line, on S. Bdy. of sec. 34 ($E\frac{1}{2}$)
Fall 19 lks. N. of the original $\frac{1}{4}$ sec. cor. secs. 3 and 34, hereinafter described.
True course and distance of $E\frac{1}{2}$ of the S. bdy. of sec. 34 are therefore, N. $89^{\circ}44'E.$, 40.01 chs.
Thence,
- 40.00 West, on a random line, on S. bdy. sec. 34 ($W\frac{1}{2}$)
Fall 12 lks. N. of the original cor. of secs. 3, 4, 33 and 34, hereinafter described.
True course and distance of $W\frac{1}{2}$ of the S. bdy. sec. 34 are therefore, N. $89^{\circ}49'E.$, 40.00 chs.
- 39.95 West, on a random line, on S. Bdy. sec. 33 ($E\frac{1}{2}$)
Fall 12 lks. N. of the original $\frac{1}{4}$ sec. cor. secs. 4 and 33 hereinafter described.
True course and distance of $E\frac{1}{2}$ of the S. bdy. sec. 33 are therefore, N. $89^{\circ}49'E.$, 39.95 chs.
Thence,
- 39.95 West, on a random line, on S. Bdy. sec. 33. ($W\frac{1}{2}$).
Fall 9 lks. S. of the original corner. secs. 4, 5, 32 and 33 hereinafter described.
True course and distance of the $W\frac{1}{2}$ of the S. bdy. sec. 33 are therefore, S. $89^{\circ}52'E.$, 39.95 chs.

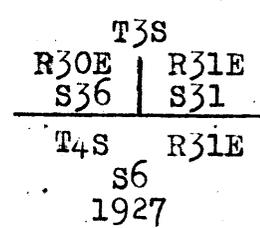
Resurvey of the N. Bdy. T 4 S., R. 31 E.

Chains

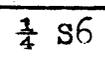
- 39.99 West, on a random line, on S. Bdy. sec. 32 (E $\frac{1}{2}$)
Fall 6 lks. N. of the original $\frac{1}{4}$ sec. cor. secs. 5 and 32,
hereinafter described.
True course and distance of E $\frac{1}{2}$ of S. Bdy. sec. 32 are there-
fore, N. 89° 55' E., 39.99 chs.
- 40.00 Thence,
West, on a random line on S. Bdy. sec. 32 (W $\frac{1}{2}$).
Fall 6 lks. N. of the original cor. secs. 5, 6, 31 and 32,
hereinafter described.
True course and distance of S. Bdy. sec. 32 (E $\frac{1}{2}$). are there-
fore, N. 89° 55' E., 40.00 chs.
- 40.01 -----
West, on a random line, on S. Bdy. sec. 31 (E $\frac{1}{2}$).
Intersect the original $\frac{1}{4}$ sec. cor. secs. 6 and 31, here-
inafter described.
True course and distance of E $\frac{1}{2}$ of S. Bdy. sec. 31 are there-
fore, East. 40.01 chs.
- 39.16 Thence,
West, on a random line, on S. Bdy. sec. 31 (W $\frac{1}{2}$).
Intersect the original cor. Ts. 3 and 4 S., Rs. 30 and 31
E., hereinafter described.
True course and distance of the W $\frac{1}{2}$ of S. Bdy. sec. 31 are
therefore, East, 39.16 chs.

RESURVEY.

From closing corner of Ts. 3 and 4 S., Rs. 30 and 31 E.,
hereinafter described.
East, on true line, on N. Bdy. sec. 6.
3.87 Intersect the original corner Ts. 3 and 4 S., Rs. 30 and
31 E., established by Theodore Vander Meer, U. S. T.,
in 1925, which is an iron post 3 ins. in diam., project-
ing 12 ins. above ground, firmly set in ground and md.
of stone, with brass cap properly mkd. and witnessed
by one properly mkd. bearing tree N^w and md. of stone
W. of cor.
Alter this cor. monument to refer to Ts. 3 S., Rs. 30 and 31 E.,
only, by changing the marking on brass cap to read



39.59 Destroy md. of stone W. of cor.; raise md. stone 3 ft.
base, 1 $\frac{1}{2}$ ft. high N. of cor.
Continue line and measurement
(40.00 chs. W. from closing cor. secs. 5 and 6)
Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in
the ground to bedrock, supported by a md. of stone, for
the $\frac{1}{4}$ sec. cor. sec. 6 only, with brass cap mkd.



1927 from which,
an oak, 6 ins. in diam., bears S. 22° E., 27 lks.
dist., mkd. $\frac{1}{4}$ S6 BT
an oak, 6 ins. in diam., bears S. 67 $\frac{1}{2}$ ° W., 158 lks.
dist., mkd. $\frac{1}{4}$ S6 BT

Resurvey of the N. Bdy. of T. 4 S., R. 31 E.

Chains

- 43.03 Continue line and measurement.
Intersect the original $\frac{1}{4}$ sec. cor. secs. 6 and 31, which is an iron post 1 in. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone, with brass cap properly mkd. and witnessed by two bearing trees, one each NE. and NW. of cor.
Alter this cor. monument to refer to sec. 31 only by changing marking on brass cap to read

$\frac{1}{4}$ S31
1927

- 79.59 Continue line and measurement.
Intersect the subdivisional line bet. secs. 5 and 6, which is the closing corner of said sections, established at this point as hereinafter described.

- 3.45 East, on true line, on N. Bdy. sec. 5.
Intersect the original cor. secs. 5, 6, 31 and 32, which is an iron post 2 ins. in diam., projecting 24 ins. above ground, firmly set in ground and md. stone, with brass cap properly mkd., and witnessed by two properly marked bearing trees, one each NE. and NW. of cor.
Alter this corner monument to refer to Secs. 31 and 32 only, by changing marking on brass cap to read

T3S R31E
S31 | S32
T4S R31E
S5
1927

- 40.14 Thence,
N. $89^{\circ}55'$ E., on true line, continuing measurement.
(Midpoint on N. Bdy. sec. 5)
Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported by a md. stone, for the $\frac{1}{4}$ sec. cor. sec. 5 only, with brass cap mkd.

$\frac{1}{4}$ S5
1927 from which,

an oak, 10 ins. in diam., bears S. 21° W., 492 lks. dist., mkd. $\frac{1}{4}$ S5 BT
an oak, 12 ins. in diam., bears S. 10° W., 456 lks. dist., mkd. $\frac{1}{4}$ S5 BT

- 43.45 Continue line and measurement.
Intersect the original $\frac{1}{4}$ sec. cor. secs. 5 and 32, which is an iron post 1 in. in diam., projecting 16 ins. above ground, firmly set in ground and mound of stone, with brass cap properly mkd. and witnessed by one properly mkd. bearing tree NW. of cor.
Alter this corner monument to refer to sec. 32 only, by changing marking on brass cap to read

$\frac{1}{4}$ S32
1927

- 80.28 Continue line and measurement.
Intersect the subdivisional line bet. secs. 4 and 5, which is the closing cor. secs. 4 and 5, established at this point as hereinafter described.

- 5.16 East, on true line, on N. Bdy. sec. 4.
Intersect the original cor. secs. 4, 5, 31 and 32, which

Resurvey of the N. Bdy. of T: 4 S., R. 31 E.

Chains

- 3.16 N. 89°55'E., on true line, on N. Bdy. sec. 4.
Intersect the original cor. secs. 4, 5, 32 and 33, which is an iron post 2 ins. in diam., projecting 16 ins. above ground, firmly set in ground and md. of stone, with brass cap properly mkd. and witnessed by two bearing trees properly mkd., one each SE. and SW. of cor. Alter this cor. to refer to Secs. 32 and 33 only, by changing marking on brass cap to read
- T3S R31E.
S32 | S33

T4S R31E
S4
1927
- Obliterate marking on the SE. and SW. bearing trees; raise md. of stone 3 ft. base and 1½ ft. high N. of corner.
- 39.94 Thence,
S. 89°52'E., on true line, continuing measurement.
(Midpoint on N. Bdy. sec. 4)
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported by a md. of stone, for the ¼ sec. cor. sec. 4 only, with brass cap mkd.
- ¼ S4
- 1927 from which,
- an oak, 15 ins. in diam., bears S.10°E., 116 lks. dist., mkd. ¼ S4 BT
an oak, 5 ins. in diam., bears S.31½°W., 34 lks. dist., mkd. ¼ S4 BT
- 43.11 Continue line and measurement.
Intersect the original ¼ sec. cor. secs. 4 and 33, which is an iron post 1 in. in diam., projecting 12 ins. above ground, with brass cap, properly mkd. and witnessed by two bearing trees, one each NE. and SW. of cor., properly mkd.
Alter this corner monument to refer to sec. 33 only, by changing marking on brass cap to read
- ¼ S33
- 1927 from which,
- an oak, 6 ins. in diam., bears N.42°W., 72 lks. dist., mkd. ¼ S33 BT (new BT)
Obliterate marking on SW bearing tree.
- 79.88 Thence, N. 89°49'E., on true line, continuing measurement.
Intersect the subdivisional line bet. secs. 3 and 4,
Closing corner established at this point as hereinafter described.
-
- 3.18 N. 89°49'E., on true line, on N. Bdy. sec. 3.
Intersect the original cor. secs. 3, 4, 33 and 34, which is an iron post 2 ins. in diam., projecting 30 ins. above ground, firmly set in ground and md. of stone, with brass cap properly mkd. and witnessed by three properly mkd. bearing trees, one each NW., SE. and SW. of corner.

Resurvey of the N. Bdy. of T. 4 S., R. 31 E.

Chains

Alter this cor. monument to refer to secs. 33 and 34 only, by changing marking on brass cap to read

T3S R31E
S33 | S34

T4S R31E

S3

1927

Obliterate marking on SE. and SW. bearing trees; raise a md. stone 3 ft. base, 1½ ft. high N. of cor.

Continue line and measurement.

39.95

(Midpoint on N. Bdy. sec. 3)

Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross at base of post, supported by a md. of stone, for the ¼ sec. cor. sec. 3 only, with brass cap mkd.

¼ S3.

1927 from which,

an oak, 12 ins. in diam., bears S.82°W., 260 lks. dist., mkd. ¼ S3 BT

43.18

Intersect the original ¼ sec. cor. secs. 3 and 34, which is an iron post 1 in. in diam., projecting 16 ins. above ground, firmly set in ground and md. of stone, No bearing trees.

Alter this corner monument to refer to sec. 34 only, by changing marking on brass cap to read

¼ S34

1927

Thence,

N.89°44'E., on true line, continuing measurement.

79.90

Intersect the subdivisional line bet. secs. 2 and 3. Closing corner established as hereinafter described.

3.29

N.89°44'E., on true line, on N. Bdy. sec. 2.

Intersect the original cor. secs. 2, 3, 34 and 35, which is an iron post 2 ins. in diam., projecting 20 ins. above ground and firmly set in ground and md. of stone, with brass cap properly mkd. and witnessed by four properly mkd. bearing trees, one each NW, NE, SE. and SW. of corner.

Alter this corner monument to refer to secs. 34 and 35 only, by changing marking on brass cap to read

T3S R31E
S34 | S35

T4S R31E

S2

1927

Obliterate marking on SE. and SW. bearing trees.

Resurvey of the N. Bdy. of T. 4 S., R. 31 E.

Chains

39.95 Thence,
 N. 89° 52' E., on true line, continuing measurement.
 (Midpoint of N. Bdy. sec. 2)
 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, to bedrock, supported by a md. of stone, for
 the $\frac{1}{4}$ sec. cor. sec. 2 only, with brass cap mkd.,

$\frac{1}{4}$ S2

1927 from which,

an oak, 6 ins. in diam., bears S. 15° E., 101 lks.
 dist., mkd. $\frac{1}{4}$ S2 BT
 an oak, 15 ins. in diam., bears S. 32 $\frac{1}{2}$ ° W., 131 lks.
 dist., mkd. $\frac{1}{4}$ S2 BT

43.29 Intersect the original $\frac{1}{4}$ sec. cor. secs. 2 and 35, which
 is an iron post, 1 in. in diam., projecting 30 ins.
 above ground, firmly set, in ground and md. of stone,
 properly marked on brass cap, and witnessed by two
 properly mkd. bearing trees, one each NE. and SE. of cor.

Alter this cor. monument to refer to sec. 35 only, by
 changing marking on brass cap to read,

$\frac{1}{4}$ S35

1927

Obliterate marking on the SE. bearing tree.
 No other bearing tree N. of line available.
 Raise md. of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

79.90 Thence,
 N. 89° 48' E., on true line, continuing measurement.
 Intersect the subdivision line bet. secs. 1 and 2.
 Closing cor. of said secs. established at this point
 as hereinafter described.

3.40 N. 89° 48' E., on true line, on N. Bdy. sec. 1.
 Intersect the original cor. secs. 1, 2, 35 and 36, which
 is an iron post, 2 ins. in diam., projecting 12 ins.
 above ground, firmly set, properly mkd. on brass cap,
 and witnessed by four properly marked bearing trees,
 one each, NE., SE., SW. and NW. of cor.

Alter this cor. monument to refer to secs. 35 and 36 only,
 by changing marking on the brass cap to read,

T3S	R31E
S35	S36

S1

T4S R31E

1927

Obliterate marking on the SE. and SW. bearing trees.

40.12 Thence,
 East, on true line, continuing measurement.
 (Midpoint of N. Bdy. sec. 1)
 Set an iron post, 1 in. in diam., 3 ft. long, 12 ins. in
 the ground to bedrock, supported by a md. of stone, for
 $\frac{1}{4}$ sec. cor. sec. 1 only, with brass cap mkd.,

$\frac{1}{4}$ S1

1927 from which,

Resurvey of the N. Bdy. of T. 4 S., R. 31 E.

Chains

an oak, 12 ins. in diam., bears $S.76\frac{1}{2}^{\circ}E.$, 94 lks.
 dist., mkd. $\frac{1}{4}$ S1 BT
 a juniper, 16 ins. in diam., bears $S.54^{\circ}W.$, 81 lks.
 dist., mkd. $\frac{1}{4}$ S1 BT

43.40 Intersect the original $\frac{1}{4}$ sec. cor. secs. 1 and 36, which
 is an iron post, 1 in. in diam., projecting 20 ins.
 above ground, firmly set in ground and md. of stone,
 properly mkd. on brass cap and witnessed by two proper-
 ly mkd. bearing trees, one each, NE. and SW. of cor.

Alter this cor. monument to refer to sec. 36 only, by
 changing marking on brass cap to read,

$\frac{1}{4}$ S36

1927

Obliterate marking on the SW. bearing tree.
 No other bearing tree N. of line available.
 Raise a md. of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Continue line and measurement

80.24 Intersect the range line bet. Ts. 4 S., Rs. 31 and 32 E.
 Closing cor. of said Ts. established at this point as
 hereinafter described.

Topographical features and general description of each
 mile, omitted from the foregoing field notes of resurvey
 of N. Bdy. of T. 4 S., R. 31 E., in view of the fact
 that the original survey of the line is of recent date
 executed under group surveys, and reference to the
 notes of said original survey for such data will be
 reliable.

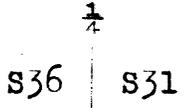
Survey of the East Boundary of T. 4 S., R. 31 E.

Chains

The corner of Ts. 4 and 5 S., R. 31 E., and fractional Ts. 4 and 5 S., R. 32 E., established by Wm. H. Thorn, U.S.C.E. in 1921, is an iron post 3 ins. in diam., projecting 12 ins. above ground, firmly set in ground, with brass cap properly mkd., and witnessed by two properly mkd. bearing trees, one each SE and SW of cor. and md. stone W. of cor.

Thence, North, on true line, bet. secs. 31 and 36. Over mountainous land, thru scattering timber and undergrowth.

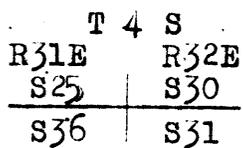
- 1.30 Desc. gradual NW slope.
- 19.00 Wash, 5 lks. wide, course SW. Asc. 200 ft. over SE slope.
- 23.00 Ridge, bears E. and W. Desc. 280 ft. over N. slope.
- 33.00 Shallow draw, course W. Asc. 70 ft. over SW slope.
- 37.10 Rocky spur, slopes W. Desc. 90 ft. over NW slope.
- 40.00 Wash, 15 lks. wide, course SW. Asc. 45 ft. over SW slope to Set an iron post 3 ft. long, 1 in. in diam. 2 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a mound of stone, for the 1/4 sec. cor. secs. 31 and 36, with brass cap mkd.



1927

No bearing trees available.

- 45.50 Asc. 95 ft. over SE slope. Ridge, bears E. and W.
- 50.60 Desc. 205 ft. over NW slope of Black Jack Canyon. Dry wash bed, 30 lks. wide, course W.
- 66.50 Asc. 445 ft. over S. slope. Top of cliff, facing S., 30 ft. high, brs. E. and W. Leave mountainous, enter rolling land.
- 70.10 Over nearly level ridge top, brs. E. and W. Bend in State Highway from NW to NE.
- 74.80 Leave ridge top, desc. 15 ft. over NW slope to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a mound of stone, for the cor. secs. 25, 30, 31 and 36, with brass cap mkd.



1927

No bearing trees available.

Land, rolling and mountainous. Soil, rocky 4th. rate. Timber, pinion, oak, juniper and sycamore. Undergrowth, scrub oak and cacti.

North, on true line, bet. secs. 25 and 30. Over mountainous land, thru scattering timber and undergrowth.

- 3.20 Asc. 842 ft. over SW slope to ridge. State Highway, bears NW and SE.
- 6.50 Abandoned road, bears NW and SE.
- 13.40 State Highway, bears E. and W.
- 36.50 Ridge, bears E. and W. Desc. 52 ft. over NW slope to

Survey of the East Boundary of T. 4 S., R. 31 E.

Chains

40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a mound of stone for the $\frac{1}{4}$ sec. cor. secs. 25 and 30, with brass cap mkd.

$\frac{1}{4}$
S25 | S30

1927

No bearing trees available.
Desc. gradual NW slope.

40.20 Head of draw, course W.
Asc. 70 ft. over SW slope.

44.40 Spur, slopes W.
Desc. 115 ft. over NW slope.

52.30 Draw, course SW.
Asc. 580 ft. over SW slope to divide.

69.50 Cliff top, 30 ft. high, facing S., brs. E. and W.

72.60 Divide, bears NW and SE.

Desc. 100 ft. over N. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, supported by a mound of stone, for the cor. secs. 19, 24, 25 and 30, with brass cap mkd.

T 4 S
R31E | R32E
S24 | S19

S25 | S30

1927 from which,

a juniper, 18 ins. in diam., bears N. 17° W., 90 lks. dist. mkd. T4S R31E S24 BT

a juniper, 9 ins. in diam., bears N. 48° E., 62 lks. dist., mkd. T4S R32E S19 BT

an oak, 20 ins. in diam., bears S. 20½° E., 36 lks. dist., mkd. T4S R32E S30 BT

an oak, 20 ins. in diam., bears S. 41° W., 8 lks. dist., mkd. T4S R31E S25 BT

Land, mountainous.

Soil, rocky 4th. rate.

Timber, pinion, oak, juniper and pine.

Undergrowth, scrub oak, mahogany and cacti.

North, on true line, bet. secs. 19 and 24.

Over mountainous land, thru scattering timber and undergrowth.

14.85 Desc. 310 ft. over NW slope.
Draw, course NE.

Asc. 90 ft. over SE slope.

27.70 Desc. 290 ft. over N. slope to wash.

37.60 Trail, brs. NE and SW.

38.40 Wash, 10 lks. wide, course NE.

Asc. 30 ft. over SE slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor. secs. 19 and 24, with brass cap mkd.

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

1927 from which,

an oak, 13 ins. in diam., bears N. 24° E., 74 lks. dist., mkd. $\frac{1}{4}$ S19 BT

an oak, 12 ins. in diam., bears N. 52½° W., 30 lks. dist., mkd. $\frac{1}{4}$ S24 BT

Asc. 265 ft. over SE slope.

Survey of the East Boundary of T. 4 S., R. 31 E.

Chains
63.00 Asc. 265 ft. over SE slope.
Ridge, bears NE and SW.
Desc. 240 ft. over NW slope.
74.70 Draw, course NE.
Leave mountainous, enter rolling land.
Desc. gradual E. slope, to
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 15 ins. in
the ground to bedrock, supported by a mound of stone,
for the cor. secs. 13, 18, 19 and 24, with brass cap
mkd.

T 4 S	
R31E	R32E
S13	S18

S24	S19

1927

from which,
an oak, 13 ins. in diam., brs. N. 18° W., 57 lks.
dist., mkd. T4S R31E S13 BT
a juniper, 24 ins. in diam., brs. N. 46° E., 96 lks.
dist., mkd. T4S R32E S18 BT
an oak, 13 ins. in diam., brs. S. 45½° E., 60 lks.
dist., mkd. T4S R32E S19 BT
an oak, 12 ins. in diam., brs. S. 9¼° W., 86 lks.
dist., mkd. T4S R31E S24 BT

Land, mountainous and rolling.
Soil, rocky 4th. rate.
Timber, oak, juniper and pine.
Undergrowth, scrub oak and mahogany.

North, on true line, bet. secs. 13 and 18.
Over mountainous land, thru scattering timber and under-
growth.
20.60 Asc. 270 ft. along NE slope.
Wash, 15 lks. wide, course NE.
28.90 Asc. 52 ft. over SE slope.
Spur, slopes NE.
Desc. 75 ft. over N. slope.
31.20 Wash, 15 lks. wide, course E.
Asc. 170 ft. over SE slope to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the
ground to bedrock, supported by a mound of stone, for
the ¼ sec. cor. secs. 13 and 18, with brass cap mkd.

¼	
S13	S18

1927

from which,
an oak, 12 ins. in diam., bears N. 66¼° E., 55 lks.
dist., mkd. ¼ S18 BT
an oak, 10 ins. in diam., bears S. 77¼° W., 54 lks.
dist., mkd. ¼ S13 BT

65.75 Asc. 250 ft. over SE slope, to ridge.
67.50 Trail, brs. NE and SW.
Ridge, brs. NE and SW.
Desc. 60 ft. over NW slope to
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for the cor. secs. 7, 12, 13 and 18, with
brass cap mkd.

T 4 S	
R31E	R32E
S12	S7

S13	S18
1927	

Survey of the East Boundary of T. 4 S., R. 31 E.

Chains

from which,
 an oak, 7 ins. in diam., bears N. $70\frac{1}{4}^{\circ}$ W., 125 lks.
 dist., mkd. T4S R31E S12 BT
 a juniper, 12 ins. in diam., bears N. $72\frac{1}{2}^{\circ}$ E., 16 lks.
 dist., mkd. T4S R32E S7 BT
 a juniper, 12 ins. in diam., brs. S. $48\frac{1}{2}^{\circ}$ E., 68 lks.
 dist., mkd. T4S R32E S18 BT
 an oak, 8 ins. in diam., brs. S. $35\frac{1}{2}^{\circ}$ W., 139 lks.
 dist., mkd. T4S R31E S13 BT

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, oak, juniper and pine.
 Undergrowth, scrub oak, mahogany and cacti.

North, on true line, bet. secs. 7 and 12.
 Over mountainous land, thru scattering timber and undergrowth.

23.00 Desc. 120 ft. over NW slope.
 40.00 Desc. along ridge to ~~ridge~~, to
 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, supported by a mound of stone, for the $\frac{1}{4}$ sec. cor. secs. 7 and 12, with brass cap marked

$\frac{1}{4}$
 S12 S7

1927 from which,
 an oak, 10 ins. in diam., bears N. $78\frac{1}{2}^{\circ}$ W., 11 lks.
 dist., mkd. $\frac{1}{4}$ S12 BT
 an oak, 10 ins. in diam., bears S. 70° E., 31 lks.
 dist., mkd. $\frac{1}{4}$ S7 BT

66.40 Desc. 190 ft. over NW slope.
 Ridge, bears NW and SE.
 72.60 Desc. 160 ft. over N. slope.
 Hd. of draw, drains N. 10° W.
 80.00 Desc. 90 ft. along W. slope, to
 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, for the cor. secs. 1, 6, 7 and 12, with brass cap mkd.

T 4 S
 R31E R32E
 S1 S6

 S12 S7

1927 from which,
 a juniper, 12 ins. in diam., brs. N. $44\frac{1}{2}^{\circ}$ W., 72 lks.
 dist., mkd. T4S R31E S1 BT
 a juniper, 20 ins. in diam., brs. N. 15° E., 131 lks.
 dist., mkd. T4S R32E S6 BT
 a juniper, 20 ins. in diam., brs. S. $65\frac{1}{2}^{\circ}$ E., 32 lks.
 dist., mkd. T4S R32E S7 BT
 a juniper, 5 ins. in diam., brs. S. 57° W., 101 lks.
 dist., mkd. T4S R31E S12 BT

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, oak, juniper and pine.
 Undergrowth, scrub oak and cacti.

Survey of East Boundary of T. 4 S., R. 31 E.

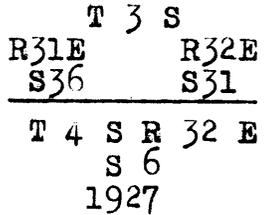
Chains

North, on true line, bet. secs. 1 and 6.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 36 ft. over NW slope.
 2.35 Draw, course NE.
 Asc. 100 ft. over SE slope.
 16.00 Spur, slopes NE.
 Desc. 130 ft. over NW slope.
 23.00 Draw, course NE.
 Asc. 120 ft. over SE slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for the $\frac{1}{4}$ sec. cor. secs. 1 and 6, with
 brass cap mkd.

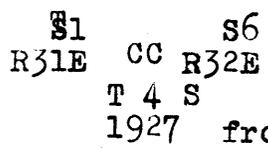


1927 from which,
 a juniper, 10 ins. in diam., bears S. 64° E., 45 lks.
 dist. mkd. $\frac{1}{4}$ S6 BT
 an oak, 12 ins. in diam., bears N. 6° W., 63 lks.
 dist., mkd. $\frac{1}{4}$ S1 BT

Asc. 18 ft. over SE slope.
 43.90 Spur, slopes NE.
 Desc. 235 ft. over NE slope.
 58.60 Draw, course NE.
 Asc. 10 ft. over SE slope.
 66.00 Desc. 50 ft. over E. slope.
 69.70 Wash, 20 lks. wide, course NW.
 Asc. 16 ft. over gradual SW slope to cor.
 70.45 Trail brs. NW and SE.
 79.36 Intersect the N. Bdy. of Tp. at 3.17 chs. W. of the orig-
 inal cor. Ts. 3 and 4 S., Rs. 31 and 32 E., established
 in 1925, which is an iron post 3 ins. in diam., pro-
 jecting 20 ins. above ground, firmly set in ground and
 mound of stone, with brass cap properly mkd. and witn-
 essed by four bearing trees, one each NW, NE, SE and
 SW. of cor., properly mkd.
 Alter this corner monument to refer to Ts. 3 S., Rs. 31 and
 32 E., by changing the marking on brass cap to
 read



Destroy the marks on the SE. and SW. bearing trees.
 At point of intersection, set an iron post 3 ft. long,
 3 ins. in diam., 12 ins. in the ground to bedrock,
 supported by a mound of stone, for the closing cor.
 of Ts. 4 S., Rs. 31 and 32 E., with brass cap mkd.



1927 from which,
 an oak, 8 ins. in diam., brs. S. 51° E., 55 lks.
 dist., mkd. T4S R32E S6 BT
 an oak, 9 ins. in diam., brs. S. 0° 15' W., 197 lks.
 dist., mkd. T4S R31E S1 CC BT

Survey of the East Boundary of T. 4 S., R. 31 E.

Chains

Land, mountainous.
Soil, rocky 4th. rate.
Timber, oak, juniper and pine.
Undergrowth, scrub oak, cacti and mahogany.

Survey of part (completion) of W. Bdy. of T.4 S., R. 31 E.

Chains

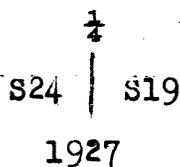
The south two miles of the west boundary of T.4 S., R. 31 E., were surveyed by W.B. Kimmel, U.S. Surveyor, in 1916, establishing all corners thereon with a common reference to areas on both sides of the line, No retracements or resurveys of this line is of record. The following notes describe the survey of the North four miles which completes the survey of this Tp. Bdy.

The corner of secs. 19, 24, 25 and 30, is an iron post 2 ins. in diam., projecting 24 ins. above ground, firmly set in ground and md. of stone, with brass cap properly mkd. and witnessed by a md. of stone W. of corner. No bearing trees.

Thence, North, on true line, bet. secs. 19 and 24. Over rolling land, thru scattering undergrowth. Asc. gradually 90 ft. along W. side of mesa.

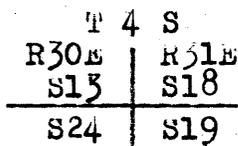
27.00
40.00

Asc. 100 ft. along SE slope to Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the 1/4 sec. cor. secs. 19 and 24, with brass cap mkd.



47.00
70.40
80.00

Asc. 32 ft. over SE slope. Desc. 147 ft. over NE slope. Wash, 70 lks. wide, course SE. Asc. 90 ft. over SW slope to Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. secs. 13, 18, 19 and 24, with brass cap mkd.



1927

Raise a mound of stone 3 ft. base, 1 1/2 ft. high W. of cor.

Land, rolling, Soil, rocky 4th. rate. Timber, none. Undergrowth, catclaw, cacti and greasewood.

12.00
17.30
29.00
33.60
40.00

North, on true line, bet. secs. 13 and 18. Over mountainous land, thru scattering undergrowth. Asc. 125 ft. over SE slope. Spur, slopes E. Desc. 70 ft. over NE slope. Wash, course E. Asc. 125 ft. over SE slope. Desc. 80 ft. over NE slope. Wash, 10 lks. wide, course SE. Asc. 160 ft. over SE slope to Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the 1/4 sec. cor. secs. 13 and 18, with brass cap mkd.

Survey of part (completion) of the W. Bdy. of T.4 S., R.31 E.

Chains

1/4
S13 | S18

1927

- 44.70 Desc. 85 ft. over NE slope.
Wash, 10 lks. wide, course E.
- 67.00 Asc. 560 ft. over SE slope.
- 70.00 Desc. 105 ft. over gradual NE slope.
Ridge, bears NE and SW.
- 80.00 Over level top to
Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for cor. secs. 7, 12, 13 and 18, with brass cap mkd.

T 4 S
R30E | R31E
S12 | S7

S13 | S18

1927

Land, mountainous and level.
Soil, rocky 4th. rate.
Timber, none.
Undergrowth, cacti, greasewood and catclaw.

North, on true line, bet. secs. 7 and 12.
Over mountainous land, thru scattering timber and undergrowth.

- 0.75 Desc. 23 ft. over NE slope to wash.
Trail, bears NE and SW.
- 9.20 Wash, 25 lks. wide, 2 ft. deep; course W.
- 11.80 Asc. 28 ft. over SW slope.
Spur, slopes W.
- 16.00 Desc. 252 ft. over NW slope to wash.
Trail, bears NE and SW.
- 21.30 Wash, 100 lks. wide, 1 ft. deep, course W.
- 40.00 Asc. 287 ft. over SW slope to
Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the 1/4 sec. cor. secs. 7 and 12, with brass cap mkd.

1/4
S12 | S7

1927

- 54.60 No bearing trees available.
Desc. 205 ft. over NW slope.
Wash, 50 lks. wide, 2 ft. deep, course NW.
- 57.50 Asc. 40 ft. over SW slope.
Spur, slopes W. Desc. 41 ft. over NW slope.
- 59.60 Wash, 50 lks. wide, course SW. Asc. 97 ft. over SW slope.
- 70.00 Ridge, bears NE and SW.
- 80.00 Desc. 173 ft. over NW slope to
Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 1, 6, 7 and 12, with brass cap mkd.

T 4 S
R30E | R31E
S 1 | S6

S12 | S7

1927

from which,

Survey of Part (completion) of the W. Bdy. of T.4 S., R.31 E.

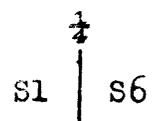
chains

- an oak, 6 ins. in diam., brs. N. 70° W., 65 lks.
dist., mkd. T4S R30 E., S1 BT
- an oak, 8 ins. in diam., brs. N. 34° E., 94 lks.
dist., mkd. T4S R31E S6 BT
- a juniper, 10 ins. in diam., brs. S. 67° E., 21 lks.
dist., mkd. T4S R31E S7 BT
- a juniper, 8 ins. in diam., brs. S. 8° W., 59 lks.
dist., mkd. T4S R30E S12 BT

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

North, on true line, bet. secs. 1 and 6.
Over mountainous land, thru scattering timber and undergrowth.

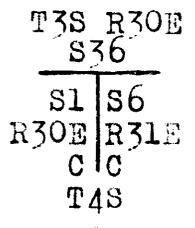
- 1.50 Desc. 17 ft. over NW. slope.
Wash, 100 lks. wide, course SW.
Asc. gradually over S. slope.
- 9.50 Point of spur, sloping SE.
Desc. 20 ft. over NE. slope.
- 12.00 Wash, 50 lks. wide, 1 ft. deep, course SE. near head.
Asc. 708 ft. over SW. slope.
- 35.50 Divide, bears NW. and SE.
Desc. 134 ft. over NE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the 1/4 sec. cor. secs. 1 and 6, with brass cap marked,



1927 from which

- an oak, 12 ins. in diam., brs. N. 18 1/2° W., 409 lks.
dist., mkd. 1/4 S1 BT
- an oak, 4 ins. in diam., brs. N. 12° E., 155 lks.
dist., mkd. 1/4 S6 BT

- 41.80 Desc. 56 ft. over N. slope.
Wash, 20 lks. wide, course NE. near head.
Asc. 32 ft. over SE. slope.
- 53.50 Spur, slopes NE.
Desc. 243 ft. over N. slope to
- 77.37 A point 3.87 chs. due West from cor. of Ts.3 S., Rs.30 and 31 E., hereinbefore described.
At this point, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. Ts.4 S., Rs. 30 and 31 E., with brass cap mkd.,



1927

No bearing trees available.
Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, S. of cor.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper, oak and cedar.
Undergrowth, cacti, catclaw and broomweed.

Boundaries of Township 4 South, Range 31 East.
Latitudes, Departures and Closing Errors.

Line designated	True bearing.	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary	N.89°51'W.	480.20	1.26			480.20
West Boundary	North	477.37	477.37			
North Boundary	East	83.04			83.04	
	N.89°55'E.	79.99	.12		79.99	
	S.89°52'E.	39.95		.09	39.95	
	N.89°49'E.	79.95	.26		79.95	
	N.89°44'E.	40.01	.19		40.01	
	N.89°52'E.	40.00	.09		40.00	
	N.89°48'E.	40.01	.14		40.01	
	East	76.84			76.84	
East Boundary	South	479.36		479.36		
Convergency					.47	
Totals			479.43	479.45	480.26	480.20
				479.43	480.20	
Error in latitude			0.02			
Error in departure			0.06			

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

The corner of sections 1, 2, 35 and 36, Ts. 4 and 5 S., R. 31 E., established by E. J. Kinsey UST, 1921, is an iron post 2 ins. in diam., projecting 12 ins. above ground and firmly set, with brass cap properly mkd. and witnessed by a md. of stone West of cor.

Thence,
N.0°1'W., on true line, bet. secs. 35 and 36.
Over rolling land, thru scattering undergrowth.
Asc. 20 ft. over S. slope.

- 2.20 Spur, slopes W.
Desc. 54 ft. over N. slope.
- 5.40 Wash, 10 lks. wide, course W.
House, brs. W. about 2½ chs.
Asc. 20 ft. over SW slope.
- 9.00 Spur, slopes W.
Desc. 10 ft. over NW slope, of Black Jack Canyon.
- 17.35 Wash, 20 lks. wide, course SW.
Asc. 250ft. over SE. slope.
- 35.00 Edge of level, stony bench, brs. NE and SW.
- 38.75 State Highway, brs. NE and SW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the ¼ sec. cor. secs. 35 and 36, with brass cap mkd.

¼

S35 S36

1927

Raise a md. of stone 3 ft. base and 1½ ft. high W. of cor.

From this corner the U. S. Geological Survey Bench mark No. 5108 bears S.50½°W., 722 lks.

- 50.00 Continue over stony; level, land.
N. edge of bench, brs. NE and SW.
Desc. 86 ft. over NW slope.
- 56.20 Wash, 20 lks. wide, course SW.
Asc. 110 ft. over SE slope.
- 62.50 Spur, slopes SW. Enter scattering timber, brs. E. & W.
Desc. 45 ft. over gradual NW slope.
- 74.80 Draw, course SW.
Asc. 70 ft. over SE slope.
- 79.50 Spur, slopes SW.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 3 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported by a mound of stone, for the cor. secs. 25, 26, 35 and 36, with brass cap mkd.

T4S R31E

S26 S25

S35 S36

1927

from which,

a juniper, 8 ins. in diam., brs. N.14°E., 139 lks. dist., mkd. T4S R31E S25 BT

No other bearing trees available.

Land, rolling and level.
Soil, rocky 4ht. rate.
Timber, juniper, oak and cottonwood.
Undergrowth, scrub oak and cacti.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

S. 89° 51' E., on a random line bet. secs. 25 and 36.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.06 Fall 9 lks. N. of the cor. secs. 25, 30, 31 and 36 on the
 E. Bdy. of the Tp., hereinbefore described.
 Thence,
 N. 89° 47' W., on true line, bet. secs. 25 and 36.
 Over rolling land, thru scattering timber and undergrowth.
 Desc. 44 ft. over SW slope.
 2.70 Wash, course SW.
 Asc. 70 ft. over SE slope.
 14.00 Spur, slopes SW.
 Desc. 34 ft. over NW slope.
 19.10 Spur, slopes SW.
 Desc. 224 ft. over W. slope.
 39.20 Wash, course SW.
 Asc. gradual SE slope to
 40.03 Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 25 and 36, with brass cap mkd.

S 25

 $\frac{1}{4}$ S 36

1927 from which,

a juniper, 14 ins. in diam., bears S. 26° W., 163 lks.
 dist., mkd. $\frac{1}{4}$ S36 BT

Desc. 100 ft. over gradual W. slope.
 52.60 Wash, 10 lks. wide, course SW.
 Asc. 20 ft. over SE slope.
 63.30 Spur, slopes SW.
 Desc. 20 ft. over NW slope.
 76.60 Wash, 20 lks. wide, course SW.
 Asc. gradual SE slope.
 77.00 Fence, brs. N. and S.
 Thence, over nearly level land.
 80.06 The cor. secs. 25, 26, 35 and 36.

Land, rolling and level.
 Soil, rocky 4th. rate.
 Timber, oak and juniper,
 Undergrowth, scrub oak and cacti.

N. 0° 1' W., on true line, bet. secs. 25 and 26.
 Over rolling land, thru scattering timber and undergrowth.
 Desc. 90 ft. over N. slope.
 3.90 Wash, 10 lks. wide, course SW.
 Asc. 180 ft. over S. slope.
 10.00 S. edge of bench, brs. NW & SE.
 Asc. gradually 35 ft. over SW slope.
 31.12 Wire fence, brs. N. 80° E. and S. 80° W.
 34.00 N. edge of mesa, brs. E. and W., Desc. 75 ft. over N. slope.
 to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 25 and 26, with brass cap
 mkd.

 $\frac{1}{4}$

S26 S25

1927 from which,

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

an oak, 16 ins. in diam., bears N. 16 1/4° W., 152 lks. dist., mkd. 1/4 S26 BT
an oak, 10 ins. in diam., bears N. 19° E., 160 lks. dist., mkd. 1/4 S25 BT

43.00 Desc. 25 ft. over N. slope.
Wash, 10 lks. wide, course W.
Asc. 150 ft. over S. slope.
49.00 S. edge of bench, brs. E. and W., over level land.
63.00 N. edge of bench, brs. E. and W., desc. 40 ft. over N. slope.
65.55 Wash, 20 lks. wide, course SW.
Asc. 140 ft. over SE slope.
79.00 Spur, slopes SW.
Wire fence, brs. E. and W.
Over level land to
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the corner of secs. 23, 24, 25 and 26, with brass cap mkd.

T4S R31E
S23 | S24
S26 | S25
1927

No bearing trees available:

Land, rolling and level:
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak and cacti.

40.00 S. 89° 47' E., on a random line, bet. secs. 24 and 25.
Set temp. 1/4 sec. cor.
80.20 Fall 9 lks. N. of the cor. secs. 19, 24, 25 and 30 on E. Bdy. of Tp. hereinbefore described.
Thence,
N. 89° 43' W., on true line, bet. secs. 24 and 25.
Over mountainous land, thru scattering timber and undergrowth.
Asc. 25 ft. over gradual NE slope.
7.40 Divide, brs. NW and SE.
Desc. 1010 ft. over steep NW slope, to
40.10 Set an iron post 3 ft. long, 1 in. in diam., 2 ins. in the ground to bedrock, supported by a md. of stone, for the 1/4 sec. cor. secs. 24 and 25, with brass cap mkd.

1/4 S24
S25
1927 from which,

a juniper, 8 ins. in diam., brs. N. 15° W., 16 lks. dist., mkd. 1/4 S24 BT
a juniper, 10 ins. in diam., brs. South, 22 lks. dist., mkd. 1/4 S25 BT

63.40 Desc. 410 ft. over W. slope.
Wash, 10 lks. wide, course SW.
Asc. gradual SE slope.
68.20 Spur, slopes SW.
Desc. gradual NW slope.
71.60 Wash, 10 lks. wide, course SW.
Asc. 23 ft. over SE slope.
75.70 Spur, slopes SW.
Desc. 29 ft. over NW slope to
80.20 The cor. secs. 23, 24, 25 and 26.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

Land, rolling and mountainous.
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak and cacti.

N.0° 1'W., on true line, bet. secs. 23 and 24.
Over rolling land, thru scattering timber and undergrowth.
Desc. 28 ft. over NW slope.
5.50 Wash, 10 lks. wide, course SW.
Asc. 145 ft. over SE slope.
13.50 Spur, slopes SW.
Desc. 15 ft. over NW slope.
23.50 Wash, 10 lks. wide, course SW. Enter mountainous land.
Asc. 250 ft. over S. slope.
37.00 Spur, slopes SW.
Continue asc. of 63 ft. up spur top to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for the $\frac{1}{4}$ sec. cor. secs. 23 and 24, with
brass cap mkd.

 $\frac{1}{4}$

S23 S24

1927

No bearing trees available; raise a md. of stone 3 ft.
base and $1\frac{1}{2}$ ft. high W. of cor.

Asc. 172 ft. along SW slope.
51.00 Desc. 105 ft. over NW slope to was.
52.80 Trail, brs. NE and SW.
59.65 Wash, 10 lks. wide, course SW.
Asc. 325 ft. over steep S. slope.
68.00 Ridge, brs. NE and SW.
Desc. 65 ft. over NW slope.
73.60 Wash, 10 lks. wide, course SW.
Asc. 273 ft. over steep SE slope to
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to bedrock, deposit a stone mkd. with a
cross at base of post, supported by a mound of stone,
for the cor. secs. 13, 14, 23 and 24, with brass cap
mkd.

T4S R31E

S14 S13

S23 S24

1927

Land, mountainous and rolling.
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak and mahogany and cacti.

S.89°43'E., on a random line, bet. secs. 13 and 24.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.10 Fall 37 lks. S. of the cor. secs. 13, 18, 19 and 24 on
the East Bdy. of tp., hereinbefore described.
Thence,
N.89°59'W., on true line, bet. secs. 13 and 24.
Over mountainous land, thru scattering timber and under-
growth.
Asc. 365 ft. over NE slope.
24.00 Spur, slopes NE.
Desc. 214 ft. over NW slope.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains	
34.60	Wash, 10 lks. wide, course NE.
40.05	Asc. 200 ft. along E. slope. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the $\frac{1}{4}$ sec. cor. secs. 13 and 24, with brass cap mkd.
	$\frac{1}{4}$ S13 $\frac{1}{4}$ S24 1927 from which,
	an oak, 14 ins. in diam., brs. N.40 $\frac{1}{2}$ °W., 122 lks. dist., mkd. $\frac{1}{4}$ S13 BT
	an oak, 8 ins. in diam., brs. S.82°E., 72 lks. dist., mkd. $\frac{1}{4}$ S24 BT
45.60	Asc. 300 ft. along E. slope, to divide.
59.30	Trail, brs. N. and S.
59.50	Divide, brs. NW and SE.
76.50	Top of cliff, 30 ft. high, facing SW.
80.10	Desc. 645 ft. over steep SW slope.
	Wash, 10 lks. wide, course SW.
	Asc. 110 ft. over SE slope to
	The cor. secs. 13, 14, 23 and 24.
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, juniper, pine and oak.
	Undergrowth, scrub oak and cacti and mahogany.

	N.0° 1'W., on true line, bet. secs. 13 and 14.
	Over mountainous land, thru scattering timber and undergrowth.
17.50	Asc. 470 ft. over steep SE slope.
28.70	Divide, brs. NW and SE.
	Desc. 245 ft. over N. slope.
	Head of wash, course NE.
	Thence along E. slope.
37.00	Spur, slopes E.
40.00	Desc. 35 ft. over NE slope to
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor. secs. 13 and 14, with brass cap mkd.
	$\frac{1}{4}$ S14 S13
	1927 from which,
	an oak, 24 ins. in diam., brs. N. 39° E., 71 lks. dist., mkd. $\frac{1}{4}$ S13 BT
	an oak, 14 ins. in diam., brs. S.82 $\frac{1}{2}$ °W., 79 lks. dist., mkd. $\frac{1}{4}$ S24 BT
45.00	Desc. 80 ft. over NE slope.
	Head of wash, course E.
	Asc. 80 ft. over S. slope to ridge.
50.50	Trail brs. E. and W.
54.50	Ridge, brs. E. and W.
62.00	Desc. 80 ft. down spur, sloping N.
	Spur, turns to NE.
80.00	Desc. 330 ft. along NW slope to
	Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, supported by a mound of stone, for the cor. secs. 11, 12, 13 and 14, with brass cap mkd.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

T4S R31E

S11 S12

S14 S13

1927 from which,

an oak, 12 ins. in diam., brs. N.12°W., 139 lks.

dist., mkd. T4S R31E S11 BT

an oak, 15 ins. in diam., brs. N.63°E., 74 lks.

dist., mkd. T4S R31E S12 BT

an oak, 12 ins. in diam., brs. S.10 $\frac{1}{2}$ °E., 63 lks.

dist., mkd. T4S R31E S13 BT

an oak, 8 ins. in diam., brs. S. 38°W., 140 lks.

dist., mkd. T4S R31E S14 BT

Land, mountainous.

Soil, rocky 4th. rate.

Timber, oak, juniper, pine and cedar.

Undergrowth, mahogany and scrub oak.

-
- S.89°59'E., on a random line, bet. secs. 12 and 13.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.02 Fall 12 lks. S. of the cor. secs. 7, 12, 13 and 18 on the
 East Bdy. of Tp. hereinbefore described.
 Thence,
 S.89°54'W., on true line, bet. secs. 12 and 13.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 380 ft. over NW slope, to wash.
 17.00 Trail, brs. NE and SW.
 17.70 Wash, 10 lks. wide, course NE.
 Asc. 180 ft. over SE slope, to
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, supported by a mound of stone
 for the $\frac{1}{4}$ sec. cor. secs. 12 and 13, with brass cap
 mkd.

 $\frac{1}{4}$ S12
S13

1927 from which,

an oak, 9 ins. in diam., brs. N.17°W., 66 lks.

dist., mkd. $\frac{1}{4}$ S12 BTan oak, 12 ins. in diam., brs. S.9 $\frac{1}{2}$ °W., 109 lks.dist., mkd. $\frac{1}{4}$ S13 BT

- Asc. 190 ft. over gradual South slope to spur.
 71.70 Trail, brs. NE and SW.
 72.50 Spur, slopes NE.
 Desc. 145 ft. over NW slope to
 80.02 The cor. secs. 11, 12, 13 and 14.

Land, mountainous.

Soil, rocky 4th. rate.

Timber, oak, juniper and pine.

Undergrowth, scrub oak and mahogany.

-
- N.0° 1'W., on true line, bet. secs. 11 and 12.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. gradually along W. slope.
 11.40 Desc. 256 ft. over NW slope.
 26.20 Wash, 10 lks. wide, course NE.
 Asc. 20 ft. over SE slope to cor.
 26.50 Trail, brs. NE and SW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, supported by a mound of stone
 for the $\frac{1}{4}$ sec. cor. secs. 11 and 12, with brass cap
 mkd.

Survey of the Subdivisional Lines of T.4 S., R. 31 E.

Chains

1/4
S11 S12

1927 from which,
a juniper, 7 ins. in diam., bears N.40 1/2° E., 53 lks.
dist., mkd. 1/4 S12 BT
an oak, 15 ins. in diam., bears S.69° W., 44 lks.
dist., mkd. 1/4 S11 BT

53.00 Asc. 155 ft. over SE slope.
Ridge, bears NE and SW.
80.00 Desc. 200 ft. along E. slope to
Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in
the ground to bedrock, supported by a md. of stone,
for the cor. secs. 1, 2, 11 and 12, with brass cap
mkd.

T4S R31E
S2 S1
S11 S12

1927 from which,
a juniper, 8 ins. in diam., bears N.29° W., 117 lks.
dist., mkd. T4S R31E S2 BT
a juniper, 10 ins. in diam., bears N.55 1/2° E., 117 lks.
dist., mkd. T4S R31E S1 BT
an oak, 6 ins. in diam., bears S.26° E., 63 lks.
dist., mkd. T4S R31E S12 BT
an oak, 12 ins. in diam., bears S.48 1/2° W., 124 lks.
dist., mkd. T4S R31E S11 BT

Land, mountainous.
Soil, rocky 4th. rate.
timber, oak, juniper and pine.
undergrowth, scrub oak and mahogany.

40.00 N.89°54'E., on a random line, bet. secs. 1 and 12.
80.08 Set temp. 1/4 sec. cor.
Fall 7 lks. N. of cor. secs. 1, 6, 7 and 12; on E. Bdy.
of Tp. hereinbefore described.

Thence,
S.89°57'W., on true line, bet. secs. 1 and 12.
Over mountainous land, thru scattering timber and under-
growth.

8.60 Desc. 15 ft. over NW slope.
Wash, 10 lks. wide, course NE.
8.00 Asc. 125 ft. over E. slope.
Ridge, bears N. and S.
17.20 Desc. 110 ft. over W. slope.
Wash, 10 lks. wide, course N.
21.20 Asc. 18 ft. over E. slope.
Spur, slopes N.
24.70 Desc. 35 ft. over W. slope.
Wash, 15 lks. wide, course N.
40.04 Asc. 250 ft. over E. slope to
Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in
the ground to bedrock, supported by a mound of stone,
for the 1/4 sec. cor. secs. 1 and 12, with brass cap
mkd.

S1
S12

1927 from which,

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

an oak, 8 ins. in diam., bears N.1 $\frac{1}{4}$ °W., 23 lks.
dist., mkd. $\frac{1}{4}$ S1 BT
an oak, 14 ins. in diam., bears S.46°W., 43 lks.
dist., mkd. $\frac{1}{4}$ S12 BT

58.60 Asc. 86 ft. over E. slope.
Ridge, bears N. and S.
68.50 Desc. 156 ft. over W. slope.
Wash, 10 lks. wide, course NE.
80.08 Asc. 180 ft. over E. slope to
The cor. secs. 1, 2, 11 and 12.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, oak, juniper and pine.
Undergrowth, scrub oak and cacti..

N.0° 1'W., on true line, bet. secs. 1 and 2.
Over mountainous land, thru scattering timber and under-
growth.
23:15 Desc. 230 ft. over NW slope.
Wash, 10 lks. wide, course NE.
26.00 Asc. 30 ft. over SE slope.
Thence along E. slope to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the
ground to bedrock, supported by a md. of stone, for the
 $\frac{1}{4}$ sec. cor. secs. 1 and 2, with brass cap mkd.

 $\frac{1}{4}$

S2 | S1

1927 from which,
an oak, 24 ins. in diam., bears N.77 $\frac{1}{2}$ °E., 54 lks.
dist., mkd. $\frac{1}{4}$ S1 BT
an oak, 10 ins. in diam., bears S.32 $\frac{1}{4}$ °W., 62 lks.
dist., mkd. $\frac{1}{4}$ S2 BT

64.85 Desc. 262 ft. along NE slope.
Spring on line in bottom of wash, course N.10°W.,
Asc. 10 ft. over SW slope.
68.35 Spur, slopes NW.
Desc. 55 ft. over N. slope to wash.
74.70 Trail, bears E. and W.
Asc. 78 ft. over SW slope.
79.51 Intersect the N. Bdy. of the Tp., at a point 3.40 chs. .
S.89°48'W., from cor. secs. 35 and 36, T.3 S., R.31 E.,
hereinbefore described.
At intersection set an iron post 3 ft. long, 2 ins. in diam.,
24 ins. in the ground for the closing corner secs.
1 and 2, with brass cap mkd.

T3S R31E

S35

S2 | S1

C C

T4S R31E

1927

from which,

an oak, 4 ins. in diam., bears S.38 $\frac{1}{2}$ °E., 58 lks.
dist., mkd. T4S R31E S1 CCBT
a juniper, 24 ins. in diam., bears S.21°W., 51 lks.
dist., mkd. T4S R31E S2 CCBT

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

Land, mountainous.
Soil, rocky 4th. rate.
Timber, oak, juniper and pine.
Undergrowth, scrub oak & cacti.

The corner of sections 2, 3, 34 and 35, on S. Bdy. of Tp., is an iron post 2 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, with brass cap properly mkd. and witnessed by a md. of stone W. of cor. No bearing trees.

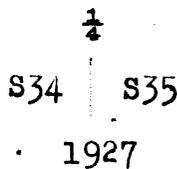
Thence,
N.0° 1' W., on true line, bet. secs. 34 and 35.
Over rolling land, thru scattering undergrowth.
Over stony bench.

15.00 Leave bench, bears E. and W.
Desc. 246 ft. over N. slope.

24.00 Wash, 40 lks. wide, course W.
Asc. 241 ft. over S. slope.

37.00 S. edge of level, stony bench, bears E. and W., to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the 1/4 sec. cor. secs. 34 and 35, with brass cap mkd.



42.00 Leave bench, bears E. and W.
Desc. 238 ft. over N. slope.

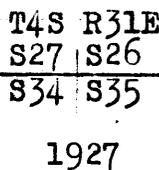
53.70 Wash, 10 lks. wide, course N.70°W.
Asc. 36 ft. over SW slope.

58.30 Spur, slopes W.
Desc. 72 ft. over N. slope.

61.25 Wash, 50 lks. wide, course SW.
Asc. 117 ft. over SE slope.

76.00 Spur, slopes S.70°W.
Desc. 46 ft. over NW slope to

80.00 Foot of descent, bears NE and SW.
Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 26, 27, 34 and 35, with brass cap mkd.



Land, rolling.
Soil, rocky 4th. rate.
Timber, none.
Undergrowth, broomweed, cacti and scrub oak.

40.00 S. 89° 51' E., on a random line, bet. secs. 26 and 35.
80.06 Set temp. 1/4 sec. cor.

Fall 3 lks. S. of cor. secs. 25, 26, 35 and 36.

Thence:
N. 89° 52' W., on true line, bet. secs. 26 and 35.
Over mountainous land, thru scattering timber and undergrowth.

Survey of the subdivisional Lines of T. 4 S., R. 31 E.

Chains

- 10.95 Desc. 163 ft. over NW slope.
Wash, 30 lks. wide, course SW.
Asc. 43 ft. over SE slope.
- 13.60 Rocky spur, slopes SW.
Desc. 98 ft. over NW slope.
- 18.10 Wash, 30 lks. wide, course SW.
Asc. 121 ft. over SE slope.
- 26.60 Rocky spur, slopes SW.
Desc. 79 ft. over NW slope to
- 39.15 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a mound of stone, for the witness cor. to sec. 26 and 35, with brass cap mkd.
- WC $\frac{1}{4}$ $\frac{826}{835}$
- 1927
- No bearing trees available.
- 40.03 Desc. gradual W. slope.
True point for $\frac{1}{4}$ sec. cor. secs. 26 and 35, falls in wash, course SW, where it is impracticable to monument said corner, therefore established witness cor. at 88 lks. S. 89° 52' E., as described above.
- 41.60 Asc. 40 ft. over E. slope.
Rocky point, slopes S.
- 42.50 Desc. 20 ft. over SW slope.
N. edge of bend in same wash, from SE to SW.
Asc. 88 ft. along SE slope.
- 57.00 Spur, slopes S.
Desc. 115 ft. over SW slope to wash.
- 64.90 Trail, bears N. and S.
- 67.35 Wash, 10 lks. wide, course S. 10° W.
Asc. 180 ft. over SE slope to spur.
- 71.70 Top of cliff, 50 ft. high, facing E.,
- 72.70 Narrow broken spur, slopes N.
Desc. 223 ft. over NW slope to
- 80.06 The cor. secs. 26, 27, 34 and 35.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar, and cottonwood.
Undergrowth, catclaw, broomweed and cacti.

- N. 0° 1' W., on true line, bet. secs. 26 and 27.
Over mountainous land, thru scattering undergrowth.
- .20 Desc. gradual N. slope.
- ..20 Wash, course SW., across bottom of same.
- .60 Leave wash, asc. 46 ft. over S. slope.
- 5.00 Spur, slopes SW.
Desc. 52 ft. over NW slope.
- 17.60 Edge of wash, course SW., over bottom of same.
- 18.80 Edge of wash, asc. 99 ft. over SE slope.
- 26.00 Rocky point slopes E.
Desc. 57 ft. over NE slope.
- 35.50 Head of wash, course E.
Asc. 73 ft. over SE slope to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 26 and 27, with brass cap mkd.

$\frac{1}{4}$

S27 S26

1927

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains							
52.15	Asc. 138 ft. along E. slope. House bears N. 37° E.						
53.00	Desc. 97 ft. over NE slope, hd. of wash. Trail, bears E. and W.						
59.55	Same house bears N. 52 1/2° E.						
60.00	Wire fence, bears NE and SW. Corral bears E. about 10 chs. dist.						
75.00	Hd. of wash, course E.						
80.00	Asc. 69 ft. over SE slope to Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, deposit mkd. stone mkd. with a cross (X), at base of post, supported by a md. of stone, for the cor. secs. 22, 23, 26 and 27, with brass cap mkd.						
	<table border="1"> <tr><td>T4S</td><td>R31E</td></tr> <tr><td>S22</td><td>S23</td></tr> <tr><td>S27</td><td>S26</td></tr> </table>	T4S	R31E	S22	S23	S27	S26
T4S	R31E						
S22	S23						
S27	S26						
	1927						
	<p>Land, mountainous. Soil, rocky 4th. rate. Timber, none. Undergrowth, catclaw and cacti.</p>						
40.00	S. 89° 52' E., on a random line, bet. secs. 23 and 26. Set temp. 1/4 sec. cor.						
80.08	Fall 5 lks. S. of the cor. secs. 23, 24, 25 and 26. Thence, N. 89° 54' W., on true line, bet. secs. 23 and 26. Over mountainous land, thru scattering timber and under- growth.						
5.95	Desc. 135 ft. over NW slope. Wash, 10 lks. wide, course SW.						
13.10	Asc. 45 ft. over SE slope. Spur, slopes SW.						
21.00	Desc. 160 ft. over NW slope. Wash, 10 lks. wide, course SW.						
30.90	Asc. 110 ft. over SE slope. Spur, slopes SW.						
39.20	Desc. 110 ft. over NW slope to 1/4 cor.						
40.04	Wire fence, bears N. 80° W. & S. 80° E. Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, supported by a mound of stone, for the 1/4 sec. cor. secs. 23 and 26, with brass cap mkd.						
	<table border="1"> <tr><td>1/4</td><td>S23</td></tr> <tr><td></td><td>S26</td></tr> </table>	1/4	S23		S26		
1/4	S23						
	S26						
	<p style="text-align: center;">1927 from which,</p> <p>an oak, 18 ins. in diam., bears N. 82° E., 33 lks. dist., mkd. 1/4 S23 BT an oak, 8 ins. in diam., bears S. 2 1/2° E., 112 lks. dist., mkd. 1/4 S26 BT</p>						
41.80	Desc. 10 ft. over NW slope. Wash, 10 lks. wide, course SW.						
56.10	Asc. 40 ft. over SE slope. Spur, slopes SW.						
59.10	Desc. 215 ft. over NW slope. Wash, 10 lks. wide, course S. Sprong bears S., about 5 chs. dist.						

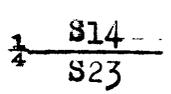
. Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains	
70.00	Asc. 88 ft. over E. slope. Spur, slopes S.
75.70	Desc. 125 ft. over W. slope of Rustlers Canyon, to wash. Wash, 20 lks. wide, course S.
76.65	Asc. 100 ft. over E. slope to cor.
80.08	Wire fence, bears N. and S. The cor. secs: 22, 23, 26 and 27.
	Land, mountainous. Soil; rocky 4th. rate. Timber, oak & juniper. Undergrowth, scrub oak & cacti.
24.10	N.0° 1'W., on true line, bet. secs. 22 and 23. Over rolling land, thru scattering timber and undergrowth.
38.20	Asc. 185 ft. gradually along E. side of ridge, to $\frac{1}{4}$ cor. Trail bears NE and SW.
40.00	Trail, bears E. and W. Set an iron post 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 22 and 23, with brass cap mkd.
	$\frac{1}{4}$
	S22 S23
	1927 from which, a juniper, 10 ins. in diam., bears S.72°E., 86 lks. dist., mkd. $\frac{1}{4}$ S23 BT No other bearing tree available.
44.00	Desc. 29 ft. over NE slope. Wash, 20 lks. wide, course SE. Enter mountainous land.
44.80	Asc. 450 ft. over SE slope to cor.
80.00	Trail bears NW and SE. Set an iron post 3 ft. long, 2 ins. in diam., 3 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 14, 15, 22 and 23, with brass cap mkd.
	T4S R31E S15 S14 ----- S22 S23
	1927 No bearing trees available.
	Land, rolling and mountainous. Soil, rocky 4th. rate. Timber, oak & juniper. Undergrowth, scrub oak & cacti.
40.00	S.89°54'E., on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
80.12	Fall 26 lks. N. of the cor. secs. 13, 14, 23 and 24. Thence, N.89°43'W., on true line, bet. secs. 14 and 23. Over mountainous land, thru scattering timber and undergrowth. Asc. 165 ft. over SE slope.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

.11.60 Ridge, bears N. and S.
 Desc. 260 ft. over W. slope.
 .24.10 Wash, 10 lks. wide, course S.
 Asc. 90 ft. over E. slope.
 30.90 Spur, slopes S.
 Desc. 172 ft. over SW slope to
 40.06 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the 1/4 sec. cor. secs. 14 and 23, with brass cap
 mkd.



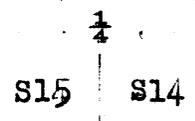
1927 from which,
 a juniper, 12 ins. in diam., bears N. 77 1/2° E., 96 lks.
 dist., mkd. 1/4 S14 BT
 No other bearing tree available.

Desc. 550 ft. over SW slope to Wash.
 47.90 Cliff, facing SW, 30 ft. high on line.
 51.40 Cliff, 25 ft. high, facing SW on line.
 58.30 Wash, 10 lks. wide, course SW.
 Desc. gradually along S. slope, 70 ft.
 80.12 The cor. secs. 14, 15, 22 and 23.

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

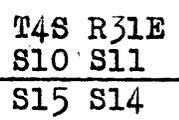
N. 0° 1' W., on true line, bet. secs. 14 and 15.
 Over rolling land, thru scattering undergrowth.
 Over level spur top.

3.40 Leave spur to NE; desc. 247 ft. over NW slope.
 18.00 Wash, 10 lks. wide, course SW.
 Asc. 760 ft. over S. slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 15 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the 1/4 sec. cor. secs. 14 and 15, with brass cap
 mkd.



1927

48.30 Enter mountainous land; asc. 389 ft. over S. slope.
 Spur, slopes SE.
 Asc. 370 ft. along SE slope.
 63.00 Divide, bears NW and SE.
 Desc. 75 ft. over NE slope.
 70.00 Head of draw, course E.
 Asc. 75 ft. over SE slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the cor. secs. 10, 11, 14 and 15, with brass cap
 mkd.



1927 from which,

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

a juniper, 24 ins. in diam., bears N.41 $\frac{1}{2}$ °E., 77 lks.
dist., mkd. T4S R31E S11 BT
a juniper, 24 ins. in diam., bears S.63 $\frac{1}{2}$ °E., 59 lks.
dist., mkd. T4S R31E S14 BT
No other bearing trees available.

Land, rolling and mountainous.
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak, cacti and mahogany.

40.00 S.89°43'E., on a random line, bet. secs. 11 and 14.
79.98 Set temp. $\frac{1}{4}$ sec. cor.
Fall 3 lks. S. of the cor. secs. 11, 12, 13 and 14.
Thence,
N.89°44'W., on true line, bet. secs. 11 and 14.
Over mountainous land, thru scattering timber and under-
growth.
7.50 Desc. 130 ft. over NW slope.
Wash, 10 lks. wide, course NW.
Asc. 18 ft. over NE slope.
11.50 Spur, slope N. Thence, asc. gradually along S. side of
draw.
16.00 Wash, 10 lks. wide, course N.
28.70 Trail, bears NE and SW.
30.90 Wash, 10 lks. wide, course NE.
39.99 Asc. 72 ft. over E. slope to
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for the $\frac{1}{4}$ sec. cor. secs. 11 and 14, with
brass cap mkd.

S11

S14

1927 from which,
a juniper, 20 ins. in diam., bears N.33°E., 36 lks.
dist., mkd. $\frac{1}{4}$ S11 BT
an oak, 4 ins. in diam., bears S.73°W., 21 lks.
dist., mkd. $\frac{1}{4}$ S14 BT

50.20 Asc. 720 ft. over NE slope to cor.
79.98 Trail, bears N. and S.
The cor. secs. 10, 11, 14 and 15.
Lan
Land, mountainous.
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak and cacti.

4.70 N.0° 1' W., on true line, bet. secs. 10 and 11.
Over mountainous land, thru scattering timber and under-
growth.
Desc. 100 ft. over NE slope.
13.00 Head of draw, course E.
26.50 Asc. 105 ft. over SE slope.
Thence desc. 70 ft. along E. side of ridge.
Top of ridge, bears NE and SW.
40.00 Desc. 111 ft. over NW slope to
Set an iron post 3 ft. long, 1 in. in diam., 15 ins. in
the ground to bedrock, supported by a md. of stone,

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
	<p>for the $\frac{1}{4}$ sec. cor. secs. 10 and 11, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S10 S11</p> <p style="text-align: center;">1927 from which,</p> <p>an oak, 5 ins. in diam., bears N.73°W., 73 lks. dist., mkd. $\frac{1}{4}$ S10 BT</p> <p>a juniper, 40 ins. in diam., bears S.32°E., 35 lks. dist., mkd. $\frac{1}{4}$ S11 BT</p>
43.50	<p>Along level land. Ridge, bears NW and SE.</p>
80.00	<p>Desc. 535 ft. over NE slope to Set an iron post 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bedrock, supported by a mound of stone, for the cor. secs. 2, 3, 10 and 11, with brass cap mkd.</p> <p style="text-align: center;">T4S R31E S3 S2 S10 S11</p> <p style="text-align: center;">1927 from which,</p> <p>an oak, 12 ins. in diam., bears N.26°W., 98 lks. dist., mkd. T4S R31E S3 BT</p> <p>an oak, 16 ins. in diam., bears N.11$\frac{1}{2}$°E., 97 lks. dist., mkd. T4S R31E S2 BT</p> <p>an oak, 24 ins. in diam., bears S.82$\frac{3}{4}$°E., 37 lks. dist., mkd. T4S R31E S11 BT</p> <p>an oak, 12 ins. in diam., bears S.19$\frac{1}{2}$°W., 92 lks. dist., mkd. T4S R31E S10 BT</p> <p>Land, mountainous. Soil, rocky 4th. rate. Timber, oak and juniper. Undergrowth, scrub oak and cacti.</p>
40.00	<p>S.89°44'E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.</p>
79.94	<p>Fall 3 lks. N. of the cor. secs. 1, 2, 11 and 12. Thence, N.89°43'W., on true line, bet. secs. 2 and 11. Over mountainous land, thru scattering timber and under- growth.</p>
1.30	<p>Over level land. Spur; slopes NE.</p>
13.50	<p>Desc. 210 ft. over NW slope. Wash, 10 lks. wide, course NE.</p>
39.97	<p>Asc. 430 ft. over SE slope to Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 2 and 11, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S2</p> <p style="text-align: center;">S11</p> <p style="text-align: center;">1927 from which,</p> <p>an oak, 4 ins. in diam., bears S.21$\frac{1}{2}$°W., 52 lks. dist., mkd. $\frac{1}{4}$ S11 BT</p> <p>an oak, 8 ins. in diam., bears N.4°W., 89 lks. dist., mkd. $\frac{1}{4}$ S2 BT</p>

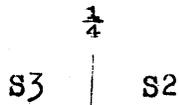
Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

49.00 Asc. 70 ft. over E. slope.
 Ridge, bears N. and S.
 Desc. 440 ft. over W. slope.
 73.10 Wash, 10 lks. wide, course N.
 Asc. 185 ft. over NE slope to
 79.94 The cor. secs. 2, 3, 10 and 11.

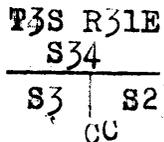
Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak and cacti.

N.0° 1'W., on true line, bet. secs. 2 and 3.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 350 ft. along E. slope.
 37.90 Wash, 10 lks. wide, course NW.
 Asc. gradually along SW slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 2 and 3, with brass cap mkd.



1927 from which,
 annoak, 9 ins. in diam., bears S.51°E., 27 lks.
 dist., mkd. $\frac{1}{4}$ S2 BT
 an oak, 7 ins. in diam., bears S.27 $\frac{1}{2}$ °W., 52 lks.
 dist., mkd. $\frac{1}{4}$ S3 BT

Asc. 100 ft. over gradual SW slope.
 60.00 Desc. gradually along W. slope of ridge, 60 ft. to cor.
 63.30 Trail, bears NE and SW.
 78.90 Intersect the N. Bdy. of the Tp. at a point 3.29 chs.
 S.89°44'W., of the corner secs. 34 and 35, T.3 S., R.31 E.,
 hereinbefore described.
 At intersection, set an iron post 3 ft. long, 2 ins. in diam.
 6 ins. in the ground to bedrock, supported by a md. of
 stone, for the closing cor. secs. 2 and 3, with brass
 cap mkd.



1927 from which,
 a juniper, 12 ins. in diam., bears S.73 $\frac{1}{2}$ °E., 65 lks,
 dist., mkd. T4SRR31E S2 CCBT
 an oak, 12 ins. in diam., bears S.29 $\frac{1}{4}$ °W., 14 lks.
 dist., mkd. T4S R31E S3 CCBT

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

Survey of the Subdivisional Lines of T.4 S., R. 31 E.

Chains

The corner of sections 3, 4, 33 and 34, on the S. Bdy. of Tp., is an iron post 2 ins. in diam., projecting 12 ins. above ground, with brass cap properly mkd. and witnessed by a md. of stone W. of cor.

Thence,

N.0° 2'W., on true line, bet. secs. 33 and 34.
Over rolling land, thru scattering undergrowth.

3.00 Desc. 28 ft. over N. slope.
Wash, 100 lks. wide, 6 ft. deep, course W.
Asc. 126 ft. over SW slope.

17.00 Spur, slopes W.
Desc. 20 ft. over NW slope.

20.40 Head of wash, course W.
Asc. 85 ft. over SW slope.

24.40 Rock, 30 ft. high, on end of spur, sloping W., faces SW.
Desc. 131 ft. over NW slope.

34.80 Bend in wash, from NW to SW.
Asc. 40 ft. over SW slope.

39.00 Spur, slopes W.
Desc. 14 ft. over NW slope to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the 1/4 sec. cor. secs. 33 and 34, with brass cap mkd.

1/4

S33 S34

1927

Raise a md. of stone 3 ft. base and 1 1/2 ft. high W. of corner.

40.20 Asc. 68 ft. over SW slope to spur.
Foot of limestone bluff 20 ft. high, facing SW.

40.50 Top of bluff. Enter scattering timber.

42.60 Spur, slopes W.
Desc. 34 ft. over NW slope.

47.50 Wash, 30 lks. wide, course SW.
Asc. 262 ft. over SE slope, to cor.

49.00 Toe of spur, slopes E.
Desc. gradual NE slope.

50.00 Wash, 30 lks. wide, course SE.
Asc. S. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the corner of secs. 27, 28, 33 and 34, with brass cap mkd.

T4S R31E

S28 S27

S33 S34

1927. from which,

a cedar, 16 ins. in diam., bears S.61°W., 278 lks. dist., mkd. T4S R31E S33 BT.

No other bearing trees available.

Land, rolling.

Soil, rocky 4th. rate..

Timber, cedar.

Undergrowth, catclaw and cacti.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

S. 89° 51' E., on a random line, bet. secs. 27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect the corner secs. 26, 27, 34 and 35.
 Thence,
 N. 89° 51' W., on true line bet. secs. 27 and 34.
 Over rolling land, thru scattering undergrowth.
 Desc. 8 ft. over NW slope.
 1.00 Wash, 40 lks. wide, course SW.
 Asc. 56 ft. over SE slope.
 4.00 Spur, slopes SW.
 Desc. 27 ft. over NW slope.
 8.40 Wash, 40 lks. wide, course SW.
 Asc. 60 ft. over SE slope.
 15.00 Spur, slopes SW.
 Desc. 51 ft. over NW slope.
 17.70 Wash, 25 lks. wide, course SW.
 Asc. 143 ft. over SE slope.
 35.00 Spur, slopes SW.
 Desc. 102 ft. over NW slope to
 40.03 Set an iron post 3 ft. long, 1 in. in diam.; 8 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post, supported by a mound of
 stone, for the $\frac{1}{4}$ sec. cor. secs. 27 and 34, with brass
 cap mkd.

$$\frac{1}{4} \frac{S27}{S34}$$

1927

Desc. 130 ft. over NW slope.
 45.50 Wash, 40 lks. wide, course SW.
 55.30 Spur, slopes SW.
 Desc. 154 ft. over W. slope.
 66.20 Wash, 40 lks. wide, course S. 15° W.
 Asc. 173 ft. over E. slope to
 80.06 The corner secs. 27, 28, 33 and 34.

Land, rolling.
 Soil, rocky 4th. rate.
 Timber, none.
 Undergrowth, scrub cedar, catclaw and cacti.

N. 0° 2' W., on true line, bet. secs. 27 and 28.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 29 ft. over NW slope.
 15.00 Asc. 41 ft. along SW slope.
 27.00 Saddle in ridge, bears E. and W.
 Desc. 100 ft. over N. slope.
 35.70 Wash, 20 lks. wide, course W.
 Asc. 70 ft. over SW slope to cor.
 39.86 Wire fence, bears E. and W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 27 and 28, with brass cap
 mkd.

$$\frac{1}{4} \frac{S28}{S27}$$

1927

No bearing trees available.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
65.00	Asc. 311 ft. over S. slope. Enter scattering timber. Ridge, bears E. and W.
76.15	Desc. 201 ft. over NW slope. Wash, 25 lks. wide, course W.
78.50	Asc. 31 ft. over SW slope. Spur, slopes NW.
80.00	Desc. 12 ft. over NW slope to Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 21, 22, 27 and 28, with brass cap mkd.
	$\begin{array}{r} T4S R31E \\ S21 S22 \\ \hline S28 S27 \end{array}$
	1927 from which, a cedar, 6 ins. in diam., bears N.69°E., 81 lks. dist., mkd. T4S R31E S22 BT No other bearing tree available.
	Land, mountainous. Soil, rocky 4th. rate. Timber, cedar. Undergrowth, scrub oak, catclaw and cacti.
40.00	S. 89°51'E., on a random line, bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor.
79.74	Fall 14 lks. N. of the cor. secs. 22, 23, 26 and 27. Thence,
	N. 89°45'W., on true line, bet. secs. 22 and 27. Over mountainous land, thru scattering timber and undergrowth.
8.00	Asc. 132 ft. over E. slope. Ridge, bears N. and S.
9.35	Desc. 100 ft. over W. slope to wash. Wire fence, bears N.W. and S.E.W.
	Wash, 20 lks. wide, course S. 10°W.
25.50	Asc. 110 ft. over SE. slope. Spur, slopes S.
32.45	Desc. 120 ft. over SW. slope. Wash, 10 lks. wide, course S.
39.87	Asc. 185 ft. over SE. slope to Set an iron post 3 ft. long, 1 in. in diam.; 6 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 22 and 27, with brass cap mkd.
	$\frac{1}{4} \frac{S22}{S27}$
	1927 No suitable bearing trees available.
46.25	Asc. 24 ft. over SE. slope. Spur, slopes S.
56.55	Desc. gradually along SW. slope. Head of wash, course S.
64.75	Continue desc. of 86 ft. along SW. slope. Ridge, bears N. and S.
79.74	Desc. 233 ft. over SW. slope to The cor. secs. 21, 22, 27 and 28.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar.
Undergrowth, catclaw and cacti.

N.0° 2' W., on true line, bet. secs. 21 and 22.

Over mountainous land, thru scattering timber and undergrowth.

- 2.35 Desc. 30 ft. over NW slope.
Wash, 25 lks. wide, course SW.
Asc. 162 ft. over SE slope, to ridge.
- 11.40 Wire fence, bears E. and W.
Ridge, bears NE and SW.
Desc. 68 ft. over NW slope.
- 20.35 Wash, 30 lks. wide, course W.
Asc. 45 ft. over SW slope.
- 25.30 Spur, slopes W.
Desc. 103 ft. over NW slope.
- 33.50 Wash, 25 lks. wide, course W.
Asc. gradual SW slope.
- 35.30 Spur, slopes W.
Desc. gradually over NW slope to $\frac{1}{4}$ cor.
- 39.70 Wire fence, bears E. and W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 21 and 22, with brass cap mkd.

 $\frac{1}{4}$

S21 | S22

1927 from which,

an oak, 10 ins. in diam., bears S.12° E., 99 lks.
dist., mkd. $\frac{1}{4}$ S22 BT
an oak, 14 ins. in diam., bears S.28° W., 98 lks.
dist., mkd. $\frac{1}{4}$ S21 BT.

- 42.10 Desc. 37 ft. over NW slope.
Wash, 75 lks. wide, course SW.
Asc. 239 ft. over S. slope to cor.
- 77.60 Slope changes to SE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, deposit a stone mkd. with a cross, at base of post, supported by a md. of stone, for the cor. secs. 15, 16, 21 and 22, with brass cap mkd.

T4S R31E

S16 S15

S21 S22

1927 from which,

a cedar limb, 8 ins. in diam., bears S.59° E., 182 lks.
dist., mkd. T4S R31E S22 BT

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar.
Undergrowth, catclaw, mesquite and cacti.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
40.00	S. 89°45'E., on a random line, bet. secs. 15 and 22.
79.78	Set temp. $\frac{1}{4}$ sec. cor. Fall 3 lks. S. of the corner secs. 14, 15, 22 and 23. Thence, N. 89°46'W., on true line, bet. secs. 15 and 22. Over mountainous land, thru scattering timber and undergrowth.
7.70	Desc. 180 ft. over W. slope. Wash, 10 lks. wide, course S.
32.00	Asc. 670 ft. over steep E. slope. Top of rocky butte on ridge, bearing N. and S.
39.89	Desc. 510 ft. over steep W. slope to Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 15 and 22, with brass cap mkd.
	$\frac{1}{4}$ S15 S22
	1927 No bearing trees available.
73.60	Desc. 565 ft. over SW slope. Wash, 25 lks. wide, course S.
79.78	Asc. 134 ft. over SE slope to The corner of secs. 15, 16, 21 and 22.
	Land, mountainous. Soil, rocky 4th. rate. Timber, cedar and juniper. Undergrowth, catclaw, mesquite and cacti.

	N. 0° 2'W., on true line, bet. secs. 15 and 16. Over mountainous land, thru scattering timber and undergrowth.
10.00	Asc. 69 ft. over SE slope. Spur, slopes SW.
14.40	Desc. 31 ft. over NW slope to Top of bluff, facing NW; desc. 100 ft. over vertical face of same.
16.20	Wash, 100 lks. wide, 2 ft. deep, course SW.
40.00	Asc. 412 ft. over steep, broken SE slope to Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 15 and 16, with brass cap mkd.
	$\frac{1}{4}$ S16 S15
	1927 from which, a cross (X) 4 ins. long, chiseled in face of outcropping boulder, bears N. 27 $\frac{1}{2}$ °E., 31 lks. dist. Below cross chisel S15 BO a cedar, 8 ins. in diam., bears S. 37°W., 197 lks. dist., mkd. $\frac{1}{4}$ S16 BT
67.00	Asc. 602 ft. over steep, broken SE slope. Divide, bears NW and SE.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

80.00 Desc. 156 ft. over NE slope to
Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, supported by a md. of stone, for the cor. secs. 9, 10, 15 and 16, with brass cap mkd.

T4S	R31E
S9	S10
S16	S15

1927 from which,
a juniper, 20 ins. in diam., bears N.3°W., 640 lks. dist., mkd. T4S R31E S9 BT
a juniper, 8 ins. in diam., bears N.30½°E., 740 lks. dist., mkd. T4S R31E S10 BT
a juniper, 8 ins. in diam., bears S.5°E., 200 lks. dist., mkd. T4S R31E S15 BT
a juniper, 12 ins. in diam., bears S.6°W., 691 lks. dist., mkd. T4S R31E S16 BT

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar and juniper.
Undergrowth, catclaw, mesquite and cacti.

40.00 S.89°46'E., on a random line, bet. secs. 10 and 15.
79.80 Set temp. ¼ sec. cor.
Fall 5 lks. S. of the cor. secs. 10, 11, 14 and 15.
Thence,
N.89°48'W., on true line, bet. secs. 10 and 15.
Over mountainous land, thru scattering timber and undergrowth.

5.60 Asc. 80 ft. over NE slope.
Divide, bears N. and S.
7.60 Desc. 260 ft. over SW slope, to hd. wash.
22.00 Fence, bears N. and S.
Hd. of wash, course SW.
32.00 Thence along nearly level S. slope.
Spur, slopes SW.
39.90 Desc. 185 ft. over NW slope to
Set an iron post 3 ft. long, 1 in. in diam., on bedrock, supported by a md. of stone, for the ¼ sec. cor. secs. 10 and 15, with brass cap mkd.

¼	S10
	S15

1927 from which,
a juniper, 18 ins. in diam., bears N.3°W., 74 lks. dist., mkd. ¼ S10 BT
a juniper, 8 ins. in diam., bears S.13½°E., 116 lks. dist., mkd. ¼ S15 BT

51.00 Desc. 360 ft. over NW slope.
Wash, 15 lks. wide, course SW.
60.00 Asc. 65 ft. over SE slope.
Divide, bears NE and SW.
77.30 Desc. 230 ft. over SW slope.
Wash, 20 lks. wide, course NW.
79.80 Asc. 35 ft. over NE slope to
The cor. secs. 9, 10, 15 and 16.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar and juniper.
Undergrowth, scrub oak & mountain mahogany.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
	N.0° 2'W., on true line, bet. secs. 9 and 10. Over mountainous land, thru scattering timber and undergrowth.
5.30	Desc. 57 ft. over NE slope. Wash, 10 lks. wide, course NW.
40.00	Desc. 34 ft. along W. slope to Set an iron post 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 9 and 10, with brass cap mkd.
	$\frac{1}{4}$
	S9 S10
	1927 from which, an oak, 8 ins. in diam., bears N.37 $\frac{1}{2}$ °E., 92 lks. dist., mkd. $\frac{1}{4}$ S10 BT. an oak, 16 ins. in diam., bears S.72 $\frac{1}{2}$ °W., 92 lks. dist., mkd. $\frac{1}{4}$ S9 BT.
59.00	Asc. 60 ft. along SW slope. Desc. 225 ft. over N. slope.
67.30	Wash, 20 lks. wide, course W. Asc. 210 ft. over S. slope.
78.00	Spur, slopes W. Desc. 13 ft. over N. slope to
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported by a md. of stone, for the cor. secs. 3, 4, 9 and 10, with brass cap mkd.
	T4S R31E S4 S3 ----- S9 S10
	1927 from which, an oak, 12 ins. in diam., bears N.65 $\frac{1}{2}$ °W., 63 lks. dist., mkd. T4S R31E S4 BT an oak, 9 ins. in diam., bears N.52 $\frac{1}{2}$ °E., 120 lks. dist., mkd. T4S R31E S3 BT an oak, 12 ins. in diam., bears S.71 $\frac{1}{4}$ °E., 69 lks. dist., mkd. T4S R31E S10 BT an oak, 12 ins. in diam., bears S.31 $\frac{1}{4}$ °W., 57 lks. dist., mkd. T4S R31E S9 BT.
	Land, mountainous. Soil, rocky 4th. rate. Timber, oak and juniper. Undergrowth, scrub oak and cacti.
40.00	S.89°48'E., on a random line, bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Fall 7 lks. S. of the cor. secs. 2, 3, 10 and 11. Thence, N.89°51'W., on true line, bet. secs. 3 and 10. Over mountainous land, thru scattering timber and undergrowth.
3.30	Asc. 47 ft. over E. slope. Spur, slopes N.
7.75	Desc. 65 ft. over SW slope. Wash, 10 lks. wide, course NW. Asc. 150 ft. over NE slope to spur.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

15.60 Wire fence, bears N. and S.
 17.00 Spur, slopes N.
 Desc. 120 ft. over NW slope to wash.
 22.60 From which,
 a spring, known as Cold Water, bears N. about 8 chs.
 distant.
 25.60 Head of wash, course N.30°E.
 Asc. 310 ft. over NE slope to
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 3 and 10, with brass cap mkd.

$\frac{1}{4}$ $\frac{S3}{S10}$

1927 from which,
 an oak, 10 ins. in diam., bears N.26°E., 45 lks.
 dist., mkd. $\frac{1}{4}$ S3 BT
 an oak, 10 ins. in diam., bears S.28 $\frac{1}{2}$ °E., 14 lks.
 dist., mkd. $\frac{1}{4}$ S10 BT

40.50 Asc. slight E. slope.
 Ridge, bears N. and S.
 Desc. 50 ft. over W. slope.
 46.50 Head of wash, course N.
 Asc. gradually along N. slope.
 55.00 Spur, slopes N.
 Desc. 405 ft. over W. slope.
 73.50 Head of draw, course NW.
 Asc. gradually over N. slope to
 80.02 The cor. secs. 3, 4, 9 and 10.

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

N.0° 2'W., on true line, bet. secs. 3 and 4.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 155 ft. over N. slope.
 9.00 Wash, course NW.
 Thence along W. slope.
 22.50 Desc. 320 ft. over steep N. slope.
 32.50 Wash, 25 lks. wide, course E.
 Asc. 235 ft. over SE slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 3 and 4, with brass cap mkd.

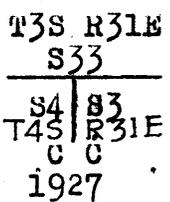
$\frac{1}{4}$
 S4 S3

1927 from which,
 an oak, 10 ins. in diam., bears N.27°E., 51 lks.
 dist., mkd. $\frac{1}{4}$ S3 BT
 an oak, 12 ins. in diam., bears S.89 $\frac{1}{2}$ °W., 69 lks.
 dist., mkd. $\frac{1}{4}$ S4 BT

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

48.50 Asc. 142 ft. over SE slope.
 Rim of mesa, bears NE and SW.
 Over level, stony ground.
 54.00 Leave mesa, desc. 100 ft. over gradual N. slope.
 63.50 Head of wash, course NW.
 Asc. 50 ft. over SW slope to
 78.26 intersect the N. bdy. of Tp., at a point 5.18 chs.
 S. 89° 49' W., of the cor. secs. 33 and 34, T. 3 S., R. 31 E.,
 hereinbefore described.
 At intersection set an iron post 3 ft. long, 2 ins. in diam.,
 12 ins. in the ground to bedrock, supported by a md. of
 stone, for the closing cor. secs. 3 and 4, with brass
 cap mkd.

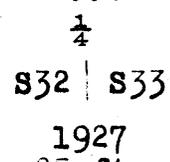


from which,
 a juniper, 12 ins. in diam., bears S. 86½° E., 325 lks.
 dist., mkd. T4S R31E S3 CCBT
 a juniper, 8 ins. in diam., bears S. 6½° W., 115 lks.
 dist., mkd. T4S R31E S4 CCBT

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, oak, and juniper.
 Undergrowth, scruboak and cacti.

 The cor. secs. 4, 5, 32 and 33 on S. Bdy. is an iron post
 2 ins. in diam., projecting 12 ins. above ground, firmly
 set, with brass cap properly mkd. and witnessed by a md.
 of stone W. of cor.

Thence,
 N. 0° 2' W., on true line, bet. secs. 32 and 33.
 Over rolling land, thru scattering undergrowth.
 Desc. 33 ft. over NW slope.
 1.00 Wash, 100 lks. wide, course W.
 Asc. 33 ft. over SE slope.
 5.00 End of spur, from NW.
 Desc. 28 ft. over NE slope.
 7.40 W. edge of wash from NE to SE.
 Asc. 119 ft. over SE slope.
 35.00 SE edge of broad bench; bears NE and SW.
 Over level, stony surface of same, to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the
 ground to bedrock; deposit a stone mkd. with a cross (X)
 at base of post, supported by a md. of stone, for the
 ¼ sec. cor. secs. 32 and 33, with brass cap mkd.



Desc. gradual NW slope 25 ft.
 67.00 Leave mesa, desc. 61 ft. over NW slope.
 68.75 Wash, 20 lks. wide, course SW.
 Asc. 40 ft. over SE slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in
 the ground to bedrock, deposit a stone mkd. with a cross
 (X) at base of post, supported by a md. of stone, for
 cor. secs. 28, 29, 32 and 33, with brass cap mkd.

Survey of the Subdivisional Lines of T. 4 S., R. 31 E.

Chains

T4S R31E
 S29 S28
 S32 S33

1927

Land, rolling and level.
 Soil, rocky 4th. rate.
 Timber, none.
 Undergrowth, cacti and catclaw.

40.00 S. 89° 51' E., on a random line, bet. secs. 28 and 33.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the cor. secs. 27, 28, 33 and 34.
 Thence,
 N. 89° 51' W., on true line, bet. secs. 28 and 33.
 Over rolling land, thru scattering undergrowth.
 Desc. 103 ft. over W: slope.
 5.65 Wash, 20 lks. wide, course S.
 Asc. 195 ft. over SE slope.
 22.30 Spur, slopes S. 20° W. Enter scattering timber brs. N. & S.
 Desc. 202 ft. over NW slope to wash.
 31.65 Trail, bears NW and SE.
 34.70 Wash, 30 lks. wide, course SW.
 Asc. 51 ft. over SE slope to
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for the $\frac{1}{4}$ sec. cor. secs. 28 and 33, with
 brass cap mkd.

$\frac{1}{4}$ $\frac{S28}{S33}$

1927

from which,

a cedar, 8 ins. in diam., bears N. 84 $\frac{1}{4}$ ° E., 430 lks.
 dist., mkd. $\frac{1}{4}$ S28 BT
 a cedar, 10 ins. in diam., bears S. 75° E., 196 lks.
 dist., mkd. $\frac{1}{4}$ S33 BT

41.00 Asc. 15 ft. over SE slope.
 Spur, slopes S,
 Desc. 24 ft. over SW slope,
 47.90 Wash, 10 lks. wide, course S.
 Asc. 132 ft. over SE slope.
 56.00 Edge of bench, brs. NE and SW,
 Over level, stony ground.
 60.00 Leave bench, bears NE and SW.
 Desc. 92 ft. over NW slope.
 70.50 Wash, 10 lks. wide, course SW.
 Asc. 34 ft. over SE slope to
 80.02 The cor. secs. 28, 29, 32 and 33.

Land, rolling and level.
 Soil, rocky 4th. rate.
 Timber, scrub cedar.
 Undergrowth, broomweed, catclaw and cacti.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	<p>N.0° 2' W., on true line, bet. secs. 28 and 29. Over rolling land, thru scattering timber and undergrowth. Over level, stony benchland.</p> <p>17.50 Leave mesa, bears NE and SW. Desc. 101 ft. over NW slope.</p> <p>21.75 Wash, 50 lks. wide, 2 ft. deep, course SW. Asc. 8 ft. over SE slope.</p> <p>26.80 Wash, 20 lks. wide, course SW. Asc. 114 ft. over SE slope.</p> <p>35.00 Edge of level, stony benchland, bears NE and SW.</p> <p>40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 28 and 29, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S29 S28</p> <p style="text-align: center;">1927 from which, a mesquite, 4 ins. in diam., bears S.32°W., 384 lks. dist., mkd. BT No other bearing tree available.</p> <p>43.90 Wire fence, bears E. and W.</p> <p>53.50 Leave top, bears NE and SW. Desc. 155 ft. over NW slope to wash.</p> <p>60.50 Wire fence, bears E. and W.</p> <p>63.35 From which, a spring bears S.70°W.</p> <p>66.30 Wash, 100 lks. wide, course NW. Asc. gradually over S. slope.</p> <p>70.00 Toe of spur, slopes W. Desc. gradual NW slope.</p> <p>71.00 Wash, 30 lks. wide, 2 ft. deep, course SW. Asc. gradual SE slope to</p> <p>80.00 Set an iron post 3ft. long, 2 ins. in diam., 15 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 20, 21, 28 and 29, with brass cap mkd.</p> <p style="text-align: center;">T4S R31E S20 S21 ----- S29 S28</p> <p style="text-align: center;">1927 from which, a cedar, 8 ins. in diam., bears S.5°E., 500 lks. dist., mkd. T4S R31E S28 BT a cedar, 10 ins. in diam., bears S.17$\frac{1}{2}$°W., 370 lks. dist., mkd. T4S R31E S29 BT</p> <p>Land, rolling and level. Soil, rocky 4th. rate. Timber, cedar. Undergrowth, catclaw and cacti.</p> <hr style="border-top: 1px dashed black;"/> <p>40.00 S.89°51'E., on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.94 Fall 14 lks. N. of the cor. secs. 21, 22, 27 and 28. Thence, N.89°45'W., on true line, bet. secs. 21 and 28. Over mountainous land, thru scattering timber and undergrowth.</p> <p>0.65 Desc. gradually over NW slope. Wash, 25 lks. wide, course SW. Asc. gradual SE slope.</p> <p>17.50 Spur, slopes S.</p>
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Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
17.50	Spur, slopes S. Desc. 162 ft. over SW slope.
38.00	Wash, 150 lks. wide, course SW. Asc. gradual SE slope to
39.97	Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 21 and 28, with brass cap mkd.
	$\frac{1}{4}$ $\frac{S21}{S28}$
	1927 from which, a hackberry, 6 ins. in diam., bears N.29 $\frac{1}{2}$ °W., 62 lks. dist., mkd. $\frac{1}{4}$ S21 BT an oak, 12 ins. in diam., bears S.13°E., 74 lks. dist., mkd. $\frac{1}{4}$ S28 BT
52.00	Asc. 75 ft. over SE slope. Spur, slopes S. Desc. 160 ft. over SW slope to wash.
56.00	Wire fence, bears N. and S.
70.55	Wash, 50 lks. wide, course SW. Asc. 70 ft. over SE slope to
79.94	The corner of secs. 20, 21, 28 and 29.
	Land, mountainous. Soil, rocky 4th. rate. Timber, oak and hackberry. Undergrowth, catclaw, mesquite and cacti.

	N.0° 2'W., on true line, bet. secs. 20 and 21. Over mountainous land, thru scattering timber and undergrowth.
9.42	Asc. 227 ft. over SE slope, to spur. Wire fence, bears E. and W.
15.50	Spur, from N. to SW. Desc. 149 ft. along E. slope.
22.00	Leave spur to NW; desc. 100 ft. over NE slope.
39.80	Head of wash, drains E. Asc. gradual SE slope to
40.00	Set an iron post 3 ft. long, 1 in. in diam., on bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 20 and 21, with brass cap mkd.
	$\frac{1}{4}$
	S20 S21
	1927 from which, a cedar limb, 8 ins. in diam., bears N.11°E., 67 lks. dist., mkd. $\frac{1}{4}$ S21 BT a hackberry, 6 ins. in diam., bears S.12°W., 50 lks. dist., mkd. $\frac{1}{4}$ S20 BT
50.00	Asc. 110 ft. over SE slope. Spur, slopes E. Desc. 29 ft. over NE slope.
54.00	Asc. 75 ft. over SE slope, to ridge.
61.70	Wire fence, bears NW and SE.
65.43	Intersect line 5-6 of Bdy. of Forest Homestead Survey. No. 238, at a point 3.20 chs. W. from cor. No.5 thereof. Thence across said homestead.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

73.70 Wire fence, bears NE and SW.
 75.00 Ridge, bears NE and SW.
 Asc. 29 ft. along SW slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the corner secs. 16, 17, 20 and 21, with brass cap mkd.

T4S R31E
 S17 S16

 S20 S21

1927 from which,
 a house, bears S.67½°W. (Rattlesnake Ranch)
 a spring bears S.62°W.
 W. end of corral, bears S.20°W., about ½ mile distant.
 No bearing trees available.

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, cedar, hackberry, mesquite and cottonwood.
 Undergrowth, catclaw and cacti.

40.00 S.89°45'E., on a random line, bet. secs. 16 and 21.
 Set temp. ¼ sec. cor.
 79:96 Fall 5 lks. S. of the cor. secs. 15, 16, 21 and 22.
 Thence,
 N.89°47'W., on a true line, bet. secs. 16 and 21.
 Over mountainous land, thru scattering timber and undergrowth.
 Asc. gradual SE slope.
 2.00 Spur, slopes S.
 Desc. 177 ft. over SW slope.
 15.40 Wash, 100 lks. wide, course SW.
 Asc. 17 ft. over SE slope.
 16.40 Spur, slopes S.
 Desc. gradual SW slope.
 20.55 Wash, 30 lks. wide, 2 ft. deep, course SW.
 Asc. 511 ft. over SE slope.
 39.50 Top of ascent; ridge, bears N. and S.
 Over level land.
 39.98 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the ¼ sec. cor. secs. 16 and 21, with brass cap mkd.

S16

 ¼
 S21

1927 from which,
 a cedar, 14 ins. in diam., bears N.31¼°W., 37 lks. dist., mkd. ¼ S16 BT
 No other bearing tree available.

40.50 Leave top, desc. 469 ft. over SW slope.
 62.90 Wash, 25 lks. wide, course SW.
 Asc. 20 ft. over SE slope to ridge.
 76.30 Wire fence, bears N. and S.
 76.40 Ridge, bears N. and S.
 76.69 Intersect line 4-5 of Bdy. of Forest Homestead Survey No. 238, at a point 14.57 chs. N. from cor. No.5 thereof.
 Thence across said homestead.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

79.96 Desc. 18 ft. over W. slope to
The cor. secs. 16, 17, 20 and 21.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar.
Undergrowth, catclaw, mesquite and cacti.

N.0° 2'W., on true line, bet. secs. 16 and 17.
Over mountainous land, thru scattering timber and under-
growth.

5.00 Asc. 20 ft. over SW slope.
Spur, slopes W.

17.30 Desc. 40 ft. over NW slope to wash.

21.30 Wire fence, bears NW and SE.

21.30 Wash, in Rattlesnake canyon, 100 lks. wide, course SW.

33.00 Asc. 136 ft. over SE slope to spur.

34.06 Wire fence, bears NE and SW.

38.10 Trail, bears N.10°E.-S.10°W.

39.80 Fence, bears E. and W.

Spur, slopes SE.

40.00 Wash, 20 lks. wide, course SE.

Asc. gradual SW slope to

Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in
the ground to bedrock, supported by a md. of stone;
for the $\frac{1}{4}$ sec. cor. secs. 16 and 17, with brass cap mkd.

$\frac{1}{4}$
S17 | S16

1927 from which,
a cedar, 9 ins. in diam., bears N.26°W., 220 lks.
dist., mkd. $\frac{1}{4}$ S17 BT
on face of outcropping ledge, bearing NE, 5 lks. dist.,
chisel a cross (X) BO S16

44.98 Asc. 166 ft. over SW slope to spur.
Intersect line 1-2 of Bdy. of Forest Homestead Survey
No. 238, at a point 13.32 chs. W. from cor. No. 2 thereof.

49.35 Spur, slopes SE.

55.00 Desc. 60 ft. over NE slope.

55.00 Wash, 50 lks. wide, course SE.

69.50 Asc. 650 ft. over rough, broken SE slope to cor.

Foot of bluff facing SE.; a fissure in bluff about 50 x
50 x 60 ft., known as Black Jacks Cave, on line at this
point.

70.00 Asc. 100 ft. over vertical wall.

80.00 Top of cliff, bears NE and SW.

Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in
the ground to bedrock, deposit a stone mkd. with a cross
(X) at base of post, supported by a md. of stone, for
the cor. secs: 8, 9, 16 and 17, with brass cap mkd.

T4S R31E
S8 | S9

S17 | S16

1927 from which,
a juniper, 10 ins. in diam., bears N.82°W., 501 lks.
dist., mkd. T4S R31E S8 BT.
a juniper, 20 ins. in diam., bears S.77°W., 517 lks.
dist., mkd. T4S R31E S17 BT

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar and juniper.
Undergrowth, catclaw, cacti and mesquite.

- 40.00 S. 89° 47' E., on a random line, bet. secs. 9 and 16.
- Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Fall 3 lks. S. of the cor. secs. 9, 10, 15 and 16.
- Thence,
- N. 89° 48' W., on true line, bet. secs. 9 and 16.
- Over mountainous land, thru scattering timber and undergrowth.
- Asc. 80 ft. over NE slope.
- 8.10 Spur, slopes N.
- Desc. 203 ft. over NW slope.
- 21.65 Wash, 50 lks. wide, course NW.
- Asc. 174 ft. over NE slope.
- 38.10 Spur, slopes NW.
- Desc. gradual NW slope to
- 39.96 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in ground to bedrock, supported by a mound of stone, with brass cap mkd.

$$\frac{\frac{1}{4} S9}{S16}$$

1927 from which,
 a juniper, 6 ins. in diam., bears N. 85° E., 278 lks. dist., mkd. $\frac{1}{4}$ S9 BT
 a juniper, 10 ins. in diam., bears S. 26 $\frac{1}{2}$ ° W., 229 lks. dist., mkd. $\frac{1}{4}$ S16 BT

- 50.60 Desc. 203 ft. over NW slope.
- Wash, 100 lks. wide, 2 ft. deep, course NW.
- Asc. 41 ft. over NE slope.
- 58.00 Divide, bears NW and SE.
- Desc. 170 ft. over broken SW slope.
- 66.05 Wash, in Rattlesnake Canyon, 10 lks. wide, course S.
- Asc. 272 ft. over broken SE slope to cor.
- 69.60 Trail, bears NE and SW.
- 79.92 The cor, secs. 8, 9, 16 and 17.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar and juniper.
Undergrowth, catclaw, mesquite and cacti.

- 5.00 N. 0° 2' W., on true line, bet. secs. 8 and 9.
- Over mountainous land, thru scattering timber and undergrowth.
- Asc. 150 ft. over SE slope.
- Divide, bears NE and SW.
- 27.00 Desc. 270 ft. over NW slope.
- Wash, 10 lks. wide, course NE.
- Asc. 106 ft. over SE slope, to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 8 and 9, with brass cap mkd.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

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

s8		s9
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1927 from which,

a juniper, 12 ins. in diam., bears N.1 $\frac{1}{4}$ °W., 142 lks.
 dist., mkd. $\frac{1}{4}$ S8 BT
 No other bearing tree available.

- Desc. 80 ft. over NW slope.
 50.30 Wash, 10 lks. wide, course NE.
 Asc. 230 ft. over SE slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 15 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the cor. secs. 4, 5, 9 and 10, with brass cap mkd.

T4S R31E	.	S5 S4
s8		s9

1927 from which,

an oak, 15 ins. in diam., bears N.28 $\frac{1}{2}$ °W., 344 lks.
 dist., mkd. T4S R31E S5 BT
 a juniper, 30 ins. in diam., bears N.22°E., 229 lks.
 dist., mkd. T4S R31E S4 BT
 an oak, 12 ins. in diam., bears S.72°E., 160 lks.
 dist., mkd. T4S R31E S9 BT
 a juniper, 12 ins. in diam., bears S.13°W., 184 lks.
 dist., mkd. T4S R31E S8 BT

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

- 40.00 S.89°48'E., on a random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Wall 2 lks. N. of the cor. secs. 3, 4, 9 and 10.
 Thence,
 N.89°47'W., on true line, bet. secs. 4 and 9.
 Over mountainous land, thru scattering timber and under-
 growth.
 Desc. 330 ft. over W. slope to wash.
 12.10 Trail, bears NE and SW.
 16.20 Wash, 15 lks. wide, course N.
 Asc. 135 ft. over E. slope.
 21.50 Spur, slopes N.
 Desc. 125 ft. over NW slope.
 33.60 Wash, 20 lks. wide, course NE.
 Asc. 145 ft. over SE slope to
 39.96 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 4 and 9, with brass cap mkd.

$\frac{1}{4}$ S4		S9
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1927 from which,

a juniper, 18 ins. in diam., bears N.60 $\frac{1}{2}$ °W., 61 lks.
 dist., mkd. $\frac{1}{4}$ S4 BT
 an oak, 5 ins. in diam., bears S.47°W., 68 lks.
 dist., mkd. $\frac{1}{4}$ S9 BT

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

78.00 Asc. 310 ft. over SE slope.
Ridge, bears N. and S.
Thence over level land to
79.92 The cor. secs. 4., 5, 8 and 9.

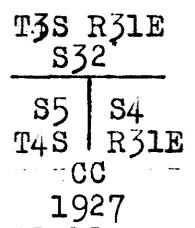
Land, mountainous.
Soil, rocky 4th. rate.
Timber, oak and juniper.
Undergrowth, scrub oak and cacti.

8.80 N.0° 2'W., on true line, bet. secs. 4 and 5.
40.00 Over mountainous land, thru scattering timber and under-
growth.
Asc. gradually 25 ft. along W. slope of ridge.
Desc. 320 ft. along W. slope of ridge.
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bedrock, supported by a md. of stone,
for the 1/4 sec. cor. secs. 4 and 5, with brass cap mkd.



1927 from which,
an oak, 12 ins. in diam., bears N.11 1/2°E., 177 lks.
dist., mkd. 1/4 S4 BT
an oak, 6 ins. in diam., bears S.12°W., 28 lks.
dist., mkd. 1/4 S5 BT

72.00 Desc. 85 ft. gradually along W. slope.
Head of wash, course SW.
Asc. 15 ft. over SE slope to
77.85 Intersect the N. Bdy. of Tp., at a point 3.16 chs. S.89°
55'W., from the corner secs. 32 and 33, T.3 S., R.31 E.,
hereinbefore described.
At intersection, set an iron post 3 ft. long, 2 ins. in
diam., 12 ins. in the ground to bedrock, deposit a
stone mkd. with a cross (X) at base of post, supported
by a md. of stone for the closing cor. secs. 4 and 5,
with brass cap mkd.



No bearing trees available.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar and pinion.
Undergrowth, mesquite, cacti and catclaw.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

- The corner sections 31, 32, 31 and 32 on the S. Bdy. of the Tp., is an iron post, 36 ins. above ground, firmly set in ground and md. of stone, with brass cap properly mkd. and witnessed by a md. stone W. of cor..
- Thence,
N.0° 3' W., on a true line, bet. secs. 31 and 32.
Over rolling land, thru scattering undergrowth.
Asc. gradual SE. slope.
- 3.00 Bench, bears NE and SW.
Thence over level, stony surface.
- 15.00 Leave bench, bears NE and SW.
Desc. 166 ft. over NW. slope.
- 29.50 Wash, 60 lks. wide, course SW.
A spring in this wash, bears NE about 15 chs. dist.
Asc. 91 ft. over SE. slope to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., on bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 31 and 32, with brass cap mkd.
- $\frac{1}{4}$
S31 | S32
1927
- Asc. 144 ft. over SE slope to
- 60.00 Bench, bears NE and SW.
Thence over level, stony surface of benchland to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the cor. secs. 29, 30, 31 and 32, with brass cap mkd.
- T4S R31E
S30 S29
S31 S32
1927
- Raise a md. of stone 3 ft. base and $1\frac{1}{2}$ ft. high W. of corner.
- Land, rolling.
Soil, rocky 4th. rate.
Timber, none.
Undergrowth, catclaw, cacti and mesquite.
-
- S. 89° 51' E., on a random line, bet. secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect the cor. secs. 28, 29, 32 and 33.
Thence,
N. 89° 51' W., on true line, bet. secs. 29 and 32.
Over rolling land, thru scattering timber and undergrowth.
Over level surface of stony bench.
- 25.00 Leave bench, bears NE and SW.
Desc. 176 ft. over NW slope.
- 39.50 Wash, 30 lks. wide, course SW.
Asc. gradual SE slope to
- 40.02 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 29 and 32, with brass cap mkd.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

$$\frac{1}{4} \frac{S29}{S32}$$

1927 from which,
 a cedar, 20 ins. in diam., bears S.82°W., 170 lks. dist., mkd. $\frac{1}{4}$ S32 BT

Asc. gradual SE slope.
 Spur, slopes S.
 Desc. 23 ft. over SW slope.
 45.00 Wash, 40 lks. wide, course SE.
 51.50 Asc. 212 ft. over NE slope.
 70.00 Over level, stony benchland, bears NE and SW. to
 80.04 The corner of sections 29, 30, 31 and 32.

Land, rolling and level.
 Soil, rocky 4th. rate.
 Timber, few scattering cedar.
 Undergrowth, catclaw, mesquite and cacti.

N.89°51'W., on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect the cor. secs. 25, 30, 31 and 36, on W. Bdy. of
 Tp. 3, which is an iron post 2 ins. in diam., projecting 12
 40.00 ins. above ground, firmly set, with brass cap properly
 80.12 mkd. and witnessed by md. of stone W. of cor. on NE bear-
 ing trees. Tp., hereinafter mentioned.

Thence,
 S.89°51'E., on a true line, bet. secs. 30 and 31.
 Over rolling land, thru scattering timber and undergrowth.
 Over level, stony surface of bench.

15.00 Leave bench, bears N. and S.
 Desc. 98 ft. over SE slope.
 37.70 Wash, 100 lks. wide, 2 ft. deep, course S.
 Asc. 45 ft. over SW slope to
 40.12 (40.00 chs. in westing from cor. secs. 29, 30, 31 and 32)
 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, deposit a stone mkd. with a cross
 (X) at base of post, for the $\frac{1}{4}$ sec. cor. secs. 30 and
 31, with brass cap mkd.

$$\frac{1}{4} \frac{S30}{S31}$$

1927 from which,
 a cedar, 6 ins. in diam., bears N.17°E., 350 lks. dist., mkd. $\frac{1}{4}$ S30 BT

Asc. gradual SW slope.
 Spur, slopes SE.
 Desc. 46 ft. over SE slope.
 41.60 Wash, 75 lks. wide, 2 ft. deep, course SW.
 43.70 Asc. 174 ft. over NW slope.
 55.00 Over level, stony surface of benchland, bears NE and SW.
 to corner.
 72.50 Road, bears NE and SW.
 80.12 The corner secs. 29, 30, 31 and 32.

Land, rolling.
 Soil, rocky 4th. rate.
 Timber, cedar.
 Undergrowth, catclaw, mesquite and cacti.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
	N.0° 3'W., on true line, bet. secs. 29 and 30. Over, rolling, land, thru scattering timber and undergrowth. Over level, stony surface of benchland.
8.20	Road, bears NE and SW.
20.00	Leave bench, bears NE and SW. Desc. 37 ft. over NW slope.
22.50	Wash, 20 lks. wide, 2 ft. deep, course SW. Asc. gradual SE slope.
25.00	Spur, slopes SW. Desc. 105 ft. over NW slope.
38.35	E. edge of wash, at bend in same from NW to SW. Asc. 71 ft. over SW slope to
40.00	Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 29 and 30, with brass cap mkd.
	$\frac{1}{4}$ S30 S29
	1927 from which, a cedar, 6 ins. in diam., bears N.17°E., 350 lks. dist., mkd. $\frac{1}{4}$ S29 BT No other bearing tree available.
40.50	Asc. gradual SW slope. Spur, slopes W. Desc. gradual NW slope.
42.50	Wash, 25 lks. wide, 2 ft. deep, course SW. Asc. gradual SE slope.
43.50	End of spur, from W. Desc. gradual NE slope.
44.00	Same wash, 20 lks. wide, course SE. Asc. 179 ft. over SW slope.
75.00	Spur, slopes SW from E. Desc. 74 ft. over NW slope to cor.
79.50	Wire fence, bears E. and W.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 19, 20, 29 and 30, with brass cap mkd.
	T4S R31E S19 S20 ----- S30 S29
	1927 from which, a cedar, 8 ins. in diam., bears N.44 $\frac{1}{2}$ °W., 228 lks. dist., mkd. T4S R31E S19 BT No other bearing tree available. On NW face of outcropping ledge, showing 5 x 4 x 3 ft. above ground, chisel a cross (X) BQ S29, which bears S.87 $\frac{1}{2}$ °E., 70 lks. dist., to cross. On NE face of outcropping ledge, showing 6 x 4 x 4 ft. above ground, chisel a cross (X) BO S30, which bears S.59 $\frac{1}{2}$ °W., 33 lks. dist., to cross.
	Land, rolling. Soil, rocky 4th. rate. Timber, cedar. Undergrowth, cacti, mesquite and catclaw.

Survey of the Subdivisional Lines of T.4S., R.31E.

Chains	
40.00	S.89°51'E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.16	Fall 9 lks. N. of the cor. secs. 20, 21, 28 and 29. Thence, N.89°47'W., on true line, bet. secs. 20 and 29. Over rolling land, thru scattering timber and undergrowth. Asc. 32 ft. over SE slope to spur.
2.67	From which, same house & spring as noted on line bet. secs. 28 & 29, bears S.33 $\frac{3}{4}$ °W.
3.50	Spur, slopes S. Desc. 42 ft. over SW slope.
5.85	Wash, 20 lks. wide, course S. Asc. 21 ft. over SE slope.
11.50	Spur, slopes S. Desc. 57 ft. over SW slope.
17.00	Wash, 30 lks. wide, 2 ft. deep, course S. Asc. 105 ft. over SE slope.
23.50	Spur, slopes S. Desc. 56 ft. over SW slope.
27.55	Wash, 25 lks. wide, 2 ft. deep., course SE. Asc. 48 ft. over SE slope to ridge.
31.60	Wire fence, bears NE and SW.
32.50	Ridge, bears NE and SW. Over level top of same.
32.95	Road, bears NE and SW.
33.50	Leave top of ridge, desc. 29 ft. over NW slope to
40.08	Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 20 and 29, with brass cap mkd.
	$\frac{1}{4}$ $\frac{S20}{S29}$
	1927 from which, a cedar, 6 ins. in diam., bears N.75°W., 227 lks. dist., mkd. $\frac{1}{4}$ S20 BT a cedar, 6 ins. in diam., bears S.80 $\frac{1}{2}$ °E., 573 lks. dist., mkd. $\frac{1}{4}$ S29 BT
41.65	Asc. 26 ft. over SE slope. Spur, slopes N. Desc. 46 ft. over NW slope.
49.10	Asc. 46 ft. over NE slope.
61.60	Spur, slopes N. Desc. 43 ft. over NW slope to
80.16	The corner of secs. 19, 20, 29 and 30. Land, rolling. Soil, rocky 4th. rate. Timber, cedar. Undergrowth, catclaw, mesquite and cacti.
40.00	N.89°51'W., on a random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Fall 3 lks. S. of cor. secs. 19, 24, 25 and 30 on W. Bdy. of Tp., as hereinbefore described. Thence, S.89°50'E., on true line, bet. secs. 19 and 30. Over rolling land, thru scattering timber and undergrowth. Over level, stony surface of bench.
.18	Wire fence, bears N. and S. This fence corners with fences from E. and W., 10 lks. N.
6.50	Leave bench, bears N. and S. Desc. 170 ft. over E. slope.
18.60	Wash, 100 lks. wide, 2 ft. deep, course S.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

28.50 Asc. 144 ft. over SW slope.
 Spur, slopes S.
 39.98 Desc. 139 ft. over broken SE slope to
 (40.00 chs. westing from cor. secs. 19, 20, 29 and 30)
 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 19 and 30, with brass cap mkd.

$\frac{1}{4}$ $\frac{S19}{S30}$

1927

No bearing trees available.

40.50 Desc. 10 ft. over SE slope.
 Wash, 100 lks. wide, 2 ft. deep, course S.
 Asc. 113 ft. over SW slope.
 47.00 Spur, slopes S.
 Desc. 93 ft. over SE slope.
 52.70 Wash, 100 lks. wide, course S. (Rattlesnake Canyon).
 Asc. 148 ft. over SW slope to spur.
 56.00 Wire fence, bears N.85°W and S.85°E.
 71.00 Spur, slopes N.
 Desc. 37 ft. along broken NE slope to
 79.98 The cor. secs. 19, 20, 29 and 30.

Land, rolling.
 Soil, rocky 4th. rate.
 Timber, none.
 Undergrowth, mesquite, catclaw and cacti.

N.0° 3'W., on true line, bet. secs. 19 and 20.
 Over mountainous land, thru scattering undergrowth.
 Desc. 68 ft. over NW slope.
 3.90 Wash in Rattlesnake Canyon, 300 lks. wide, course W.
 Asc. 153 ft. over N. slope.
 13.50 Spur, slopes W. Desc. 161 ft. over NW slope.
 26.50 Wash, 50 lks. wide, course SW. Asc. 94 ft. over SE slope to
 40.00 Edge of broad bench, bears NE and SW.
 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the $\frac{1}{4}$ sec. cor. secs. 19 and 20, with brass cap mkd.

$\frac{1}{4}$

S19 S20

1927

50.00 Asc. 23 ft. over stony SE slope.
 Leave bench, bears NE and SW; desc. 23 ft. over NW slope.
 55.00 Head of wash, course SW.
 Asc. 203 ft. over SE slope.
 72.00 Spur, slopes W. Desc. 187 ft. over broken NW slope.
 79.02 Wash, 100 lks. wide, course W. Asc. over SW slope.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 2 ins. in
 the ground to bedrock, deposit a stone mkd. with a
 cross (X) at base of post, supported by a md. of stone,
 for the cor. secs. 17, 18, 19 and 20, with brass cap mkd.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

T4S R31E
S18 | S17
S19 S20

1927

Land, mountainous.
Soil, rocky 4th. rate..
Timber, none.
Undergrowth, mesquite, catclaw and cacti.

- 40.00 S.89°47'E., on a random line, bet. secs. 17 and 20.
- 80.00 Set temp. 1/4 sec. cor.
- 80.00 Fall 5 lks. N. of the cor. secs. 16, 17, 20 and 21.
- Thence,
- N.89°45'W., on true line, bet. secs. 17 and 20.
- Over mountainous land, thru scattering timber and undergrowth. Across patented H.E.S. No. 238.
- 15.60 Desc. 85 ft. over SW slope.
- 15.60 Wash, 100 lks. wide, in Rattlesnake Canyon, course SW.
- 10.26 Asc. 66 ft. over SE slope to spur.
- 10.34 Wire fence, bears N.5°E.-S5°W.
- 10.34 Trail, bears N.5°E.-S.5°W.
- 11.55 Spur, slopes S.
- 16.30 Desc. 77 ft. over SW slope.
- 16.30 Wash, 50 lks. wide, 2 ft. deep, course SE.
- 16.80 Asc. 117 ft. over SE slope to spur.
- 16.80 Intersect the line 1-8 of Bdy. of Forest Homestead Survey No. 238, at 34.70 chs. N. from cor. No. 8 thereof.
- 21.50 Spur, slopes SE.
- 31.00 Desc. 51 ft. over SW slope.
- 31.00 Wash, 25 lks. wide, 2 ft. deep, course SE.
- 37.00 Asc. 81 ft. over SE slope to 1/4 sec. cor.
- 40.00 Trail, bears NW and SE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, supported by a md. of stone, for the 1/4 sec. cor. secs. 17 and 20, with brass cap mkd.

1/4 S17
1/4 S20

1927 from which,
a cedar, 4 ins. in diam., bears N.7°W., 297 lks. dist., mkd. 1/4 S17 BT
a cedar, 8 ins. in diam., bears S.56°W., 210 lks. dist., mkd. 1/4 S20 BT

- 45.40 Corner falls on spur sloping S.
- 45.40 Desc. 110 ft. over W. slope.
- 63.90 Wash, near head, from SE to NW.
- 63.90 Asc. 20 ft. along N. slope.
- 75.80 Spur, slopes N.
- 75.80 Desc. 153 ft. over NW slope.
- 78.60 Wash, 100 lks. wide, 2 ft. deep, course SW.
- 78.60 Asc. 55 ft. over SE slope.
- 80.00 Spur, slopes S.
- 80.00 Desc. 40 ft. over SW slope to
- 80.00 The corner secs. 17, 18, 19 and 20.

Land, mountainous.
Soil, rocky 4th. rate.
Timber, cedar.
Undergrowth, mesquite, catclaw and cacti.

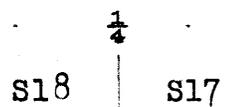
Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
40.00	N. 89° 50' W., on a random line, bet. secs. 18 and 19.
79.72	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect the cor. secs. 13, 18, 19 and 24 on West Bdy. of
	Tp., hereinbefore described.
	Thence,
	S. 89° 50' E., on true line, bet. secs. 18 and 19.
	Over mountainous land, thru scattering undergrowth.
	Desc. 85 ft. over SE slope..
6.80	Wash, 100 lks. side, course S.
	Asc. 102 ft. over SW slope..
17.00	Spur, slopes SW.
	Desc. 41 ft. over SE slope.
23.00	Wash, 50 lks. wide, 2 ft. deep, course SW.
	Asc. 86 ft. over SW slope.
27.00	Spur, slopes SW.
	Desc. 82 ft. over SE slope.
33.55	Wash, 50 lks. wide, 2 ft. deep, course S.
	Asc. 27 ft. over SW slope.
35.50	Spur, slopes SW, 2 ft. deep, course S.
	Desc. gradual SE slope.
39.20	Wash, near head course SW.
	Asc. gradual SW slope to
39.72	(40.00 chs. westing from cor. secs. 17, 18, 19 and 20)
	Set an iron post 3 ft. long, 1 in. in diam., on bedrock,
	above cross (X) chiseled on surface, supported by a md.
	of stone, for the $\frac{1}{4}$ sec. cor. secs. 18 and 19, with
	brass cap mkd.
	$\frac{1}{4}$ $\frac{S18}{S19}$
	1927 from which,
	a cedar, 6 ins. in diam., bears N. 79 $\frac{1}{2}$ ° W., 254 lks.
	dist., mkd. $\frac{1}{4}$ S18 BT
	a cedar, 14 ins. in diam., bears S. 13° E., 260 lks.
	dist., mkd. $\frac{1}{4}$ S19 BT
	Asc. 98 ft. over West slope.
51.30	Spur, slopes S.
	Desc. 144 ft. over SE slope.
59.40	Wash, 150 lks. wide, course SW.
	Asc. 138 ft. over NW slope.
65.20	Spur, slopes N.
	Desc. gradual NE slope.
72.20	Wash, 10 lks. wide, course NW.
	Asc. gradually up same.
75.70	Leave wash to SE.
	Asc. 30 ft. over SW slope to
79.72	The corner secs. 17, 18, 19 and 20.
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar.
	Undergrowth, mesquite, catclaw and cacti.
	N. 0° 3' W., on true line, bet. secs. 17 and 18.
	Over mountainous land, thru scattering timber and under-
	growth.
	Asc. 7 ft. over SW slope.
1.30	Spur, slopes SW.
	Desc. 30 ft. over NW slope.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

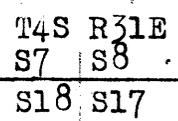
- 1.30 Spur, slopes SW.
- Desc. 30 ft. over NW slope.
- 3.20 Wash, 50 lks. wide, 2 ft. deep, course SW.
- Asc. 153 ft. over SE slope to spur.
- 3.30 Trail, bears NE and SW.
- 19.80 Spur, slopes SW. Enter scattering timber.
- Desc. 86 ft. over NW slope.
- 26.40 Wash, 50 lks. wide, 2 ft. deep, course SW.
- Asc. 222 ft. over SE slope to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 2 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs. 17 and 18, with brass cap mkd.



1927 from which,

a catclaw, 4 ins. in diam., bears N.16 $\frac{1}{2}$ °W., 89 lks. dist., mkd. BT only.
 on outcropping ledge, 2 lks. NE of cor., chisel a 4 in. cross (X) and BO S17.
 No other bearing tree available.

- Asc. 15 ft. over SE slope.
- 48.60 Desc. gradually over NE slope.
- 59.00 Head of wash, course E.
- Asc. 264 ft. over broken SE slope.
- 69.30 Spur, slopes SE. Along level, broken E. slope.
- 71.65 Desc. 62 ft. over NE slope.
- 79.20 Head of wash, course SE.
- Asc. gradual SE slope to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the cor. secs. 7, 8, 17 and 18, with brass cap mkd.



1927 from which,

a cedar, 4 ins. in diam., bears N.73°W., 25 lks. dist., mkd. T4S R31E S7 BT
 a cedar, 10 ins. in diam., bears N.14 $\frac{1}{2}$ °E., 170 lks. dist., mkd. T4S R31E S8 BT
 No other bearing trees available.

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, cedar and oak.
 Undergrowth, catclaw, mesquite and cacti.

- 40.00 S. 89°45'E., on a random line, bet. secs. 8 and 17.
- Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Fall 7 lks. S. of the cor. secs. 8, 9, 16 and 17.
- Thence,
- N. 89°48'W., on true line, bet. secs. 8 and 17.
- Over mountainous land, thru scattering timber and undergrowth.

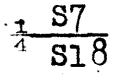
Survey of the Subdivisional Lines of T.4 S., R. 51 E.

Chains	
15.65	Asc. 232 ft. over SE slope. Ridge, bears N. and S.
28.60	Desc. 342 ft. over SW slope. Wash, 20 lks. wide, course S.20°W.
39.69	Asc. 34 ft. over SE slope to Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported by a md. of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor. secs. 8 and 17 with brass cap mkd.
	$WC \frac{1}{4} \frac{S8}{S17}$
	<p style="text-align: center;">1927 from which, a pinion, 8 ins. in diam., bears S.14°E., 152 lks. dist., mkd. WC $\frac{1}{4}$ S17 BT on the SE face of an outcropping ledge, exposed 6 x 6 x 6 ft. above ground, chisel WC B0 S8 and a 4 in. cross, the latter bearing N.77$\frac{1}{2}$° W., 49 lks. dist. from cor. No other bearing tree available.</p>
40.02	Asc. 20 ft. over SE slope to True point for the $\frac{1}{4}$ sec. cor., falls on steep slope where it is impractical to monument the corner. Witness cor. established on line at 33 lks. S.89°48'E. as described above.
44.85	Asc. 153 ft. over steep SE slope. Spur, slopes SW.
54.05	Desc. 257 ft. over NW slope. Wash, 30 lks. wide, course SW.
58.75	Asc. 23 ft. over SE slope. Spur, slopes SW.
69.00	Desc. 239 ft. over NW slope. Wash, 20 lks. wide, course SW.
72.75	Asc. 90 ft. over SE slope. Spur, slopes S.
75.20	Desc. 59 ft. over SW slope. Wash, 30 lks. wide, course SE.
80.04	Asc. 199 ft. over SE slope to The cor. secs. 7, 8, 17 and 18.
	<p>Land, mountainous. Soil, rocky 4th. rate. Timber, cedar and oak. Undergrowth, catclaw, mesquite and cacti.</p>
40.00	N.89°50'W., on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor.
79.65	Fall 16 lks. S. of cor. secs. 7, 12, 13 and 18 on W. Bdy. of Tp., hereinbefore described. Thence, S.89°43'E., on true line, bet. secs. 7 and 18. Over mountainous land, thru scattering timber and under- growth.
10.00	Desc. 205 ft. over SE slope. Head of wash, course S.
30.00	Asc. 487 ft. over broken SW slope to spur.
32.65	Asc. over cliff, facing W., 75 ft. high. Spur, slopes S.
39.65	Desc. 161 ft. over SE slope to (40.00 chs. westing from cor. secs. 7, 8, 17 and 18.) Set an iron post 3 ft. long, 1 in. in diam., on bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the $\frac{1}{4}$ sec. cor. secs.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

7 and 18, with brass cap mkd.



1927

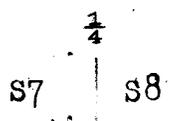
No bearing trees available.

- 59.45 Desc. 482 ft. over broken SE slope.
- Wash, 100 lks. wide, 4 ft. deep, course SW.
- Asc. 327 ft. over broken NW slope.
- 73.15 Spur, slopes S.
- Desc. 197 ft. over broken SE slope to
- 79.65 The cor. secs. 7, 8, 17 and 18.

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, scattering oak and cedar.
 Undergrowth, catclaw, scruboak, mesquite and cacti.

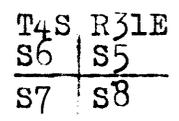
N.0° 3'W., on true line, bet. secs. 7 and 8.
 Over mountainous land, thru scattering timber and undergrowth.

- 20.00 Asc. 333 ft. over SE slope.
- Divide, bears E. and W.
- Desc. 233 ft. over N. slope.
- 31.10 Wash, 30 lks. wide, course NW.
- Asc. 37 ft. over SW slope.
- 34.00 Toe of spur, slopes W.
- Desc. 56 ft. over NW slope.
- 36.50 Wash, 40 lks. wide, course NE.
- Asc. 56 ft. over SW slope to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, supported by a md. of stone, for the 1/4 sec. cor. secs. 7 and 8, with brass cap mkd.



1927 from which,
 a pinion, 12 ins. in diam., bears S.7 1/4° E., 380 lks. dist., mkd. 1/4 S8 BT
 a pinion, 10 ins. in diam., bears S.23 1/2° W., 458 lks. dist., mkd. 1/4 S7 BT

- 50.00 Asc. 69 ft. over NE slope.
- Spur, near end, slopes E.
- Desc. 195 ft. over NW slope.
- 64.55 Wash, 50 lks. wide, 2 ft. deep, course NW.
- Asc. 75 ft. over SW slope to spur.
- 68.30 Trail, bears E. and W.
- 78.60 Enter heavy timber, bears E. and W.
- 80.00 Spur, slopes W.
- Set an iron post 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, supported by a md. of stone, for the cor. secs. 5, 6, 7 and 8., with brass cap mkd.



1927 from which,

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

an oak, 6 ins. in diam., bears N.1°W., 119 lks.
 dist., mkd. T4S R31E S6 BT
 an oak, 20 ins. in diam., bears N.24°E., 79 lks.
 dist., mkd. T4S R31E S5 BT
 an oak, 6 ins. in diam., bears S.60°E., 143 lks.
 dist., mkd. T4S R31E S8 BT
 an oak, 20 ins. in diam., bears S.43°W., 44 lks.
 dist., mkd. T4S R31E S7 BT

Land, mountainous:
 Soil, rocky 4th. rate.
 Timber, cedar, pinion and oak.
 Undergrowth, scruboak, catclaw and cacti.

40.00 S.89°48'E., on a random line, bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect the cor. secs. 4, 5, 8 and 9.
 Thence
 N.89°48'W., on true line, bet. secs. 5 and 8.
 Over mountainous land, thru scattering timber and under-
 growth.
 15.10 Desc. 373 ft. over NW slope, steep and broken.
 Desc. more gradual slope.
 40.10 Wash, 30 lks. wide, 2 ft. deep, course N.
 True point for the $\frac{1}{4}$ sec. cor. falls in wash, where it is,
 impractical to monument the cor. Witness cor. established
 as 110 lks. N.89°48'W. on line at
 41.20 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in
 the ground to bedrock, supported by a md. of stone,
 for the witness cor. to the $\frac{1}{4}$ sec. cor. secs. 5 and 8,
 with brass cap mkd.

$$\frac{1}{4} \frac{S5}{S8} WC$$

1927 from which,
 an oak, 8 ins. in diam., bears N.30°E., 30 lks.
 dist., mkd. WC $\frac{1}{4}$ S5 BT
 an oak, 4 ins. in diam., bears S.3 $\frac{1}{2}$ °W., 27 lks.
 dist., mkd. BT only.

Asc. 37 ft. over NE slope.
 44.70 Spur, slopes N.
 Desc. 17 ft. over W. slope.
 47.70 Wash, near head, course N.
 Asc. 177 ft. over NE slope to spur.
 58.70 Trail, bears N. and S.
 67.70 Spur, slopes NW. Enter heavy timber, bears N. and S.
 Desc. 113 ft. over W. slope to
 80.20 The corner secs. 5, 6, 7 and 8.

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, cedar, pinion and oak.
 Undergrowth, scruboak, catclaw and cacti.

40.00 N.89°43'W., on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.60 Fall 25 lks. N. of the corner secs. 1, 6, 7 and 12, on
 W. Bdy. of Tp., as hereinbefore described.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains	
	Thence, S. 89° 54' E., on true line, bet. secs. 6 and 7. Over mountainous land, thru scattering timber and undergrowth. Asc. 512 ft. over broken NW slope.
19.00	Ascent becomes more gradual.
24.00	Spur, from E. to SW.
	Asc. 311 ft. over W. slope, to
39.60	Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a stone, for the 1/4 sec. cor. secs. 6 and 7, with brass cap mkd.
	$\frac{1}{4} \frac{S6}{S7}$
	1927
	No bearing trees available.
	Asc. gradual W. slope.
43.10	Divide, bears NE and SW.
	Desc. 285 ft. over SE slope.
71.65	Wash, 150 lks. wide, 3 ft. deep, course N.
	Asc. 85 ft. over NW slope to
79.60	The cor. secs. 5; 6, 7 and 8.
	Land, mountainous. Soil, rocky 4th. rate. Timber, cedar and oak. Undergrowth, catclaw, scruboak and cacti.

	N. 0° 3' W., on true line, bet. secs. 5 and 6. Over mountainous land, thru scattering timber and undergrowth.
	Desc. 111 ft. over NW slope.
16.70	Wash, 100 lks. wide, 2 ft. deep, course NE.
	Asc. 85 ft. over SE slope to spur.
17.00	Trail, bears NE and SW.
29.00	Leave timber, bears NE and SW.
34.00	Spur, slopes NE.
	Asc. gradually over E. slope to
40.00	Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, deposit a stone mkd. with a cross (X) at base of post, supported by a md. of stone, for the 1/4 sec. cor. secs. 5 and 6, with brass cap mkd.
	$\frac{1}{4}$
	S6 S5
	1927
	No bearing trees available.
	Continue asc. along E. slope to cor.
60.00	Enter timber, bears E. and W.
77.45	Intersect the N. Bdy. of Tp., at a point 3.45 chs. W. from the cor. secs. 31 and 32, T.3 S., R.31 E., hereinbefore described.
	At intersection set an iron post 3 ft. long, 2 ins. in diam., on bedrock, supported by a md. of stone, for the closing corner secs. 5 and 6, with brass cap mkd.

Survey of the Subdivisional Lines of T.4 S., R.31 E.

Chains

T3S R31E	
S31	

S6	S5
T4S	R31E
CC	

1927 from which,
 an oak, 6 ins. in diam., bears S.66 $\frac{1}{4}$ °E., 633 lks.
 dist., mkd. T4S R31E S5 CCBT
 an oak, 12 ins. in diam., bears S.72°W., 172 lks.
 dist., mkd. T4S R31E S6 CCBT

Land, mountainous.
 Soil, rocky 4th. rate.
 Timber, cedar and oak.
 Undergrowth, scruboak, catclaw and cacti.

GENERAL DESCRIPTION.

The surface of the lands in this township is rolling and mountainous in character except small level areas in the bottom of a few of the principal canyons and draws. The elevation ranges from 4500 ft. to 6000 ft. above sea level, the lower portion being the South and Southwest areas. A high divide, extending Northwesterly from Big Lue Mountain in section 24, to section six, causes the waterfall to drain into the San Francisco River to the North and to drain into the Blue River to the Southwest. The soil, except for small areas along the principal draws and canyons, where a 2nd. rate sandy loam is found, is rocky, loose, 3rd. and 4th. rate. In the higher elevations there is a good growth of timber, chiefly cedar, oak and pinion, with a merchantable value as fence posts and fuel, only. The lower levels have a scattering growth of catclaw and mesquite, while along the larger washes there is a good growth of cottonwood trees. The undergrowth consists of broomweed, catclaw brush, and cacti in the lower parts; ~~while in the~~ upper portions has in addition a growth of scruboak. There are springs, with water of good quality, in secs. 3, 20, 26 and 29 and a seep of stock water in sec. 32. There are occupied ranches, with improvements consisting of houses, barns, corrals and fences in secs. 20, 26 and 29. Between the Rattlesnake Ranch in sec. 20 and Rustler Springs Ranch in sec. 26 considerable fencing has been done. A state highway into New Mexico passes thru the extreme southeast corner of the township. A poor road, enters sec. 31 and leads to the Rattlesnake Ranch in sec. 20. Numerous trails cover the township the principal one being from sec. 20 Northerly to the Valley of the San Francisco River. The lands of this region are fit for grazing purposes only. No apparent evidence of mineral was encountered. The sec line between secs. 19-30, 20-29, 21-28, 22-27, 23-26, 25-26 and 35-36 defines the boundary of the Apache National Forest, the lands to the south and west being without the reserve.

FINAL FIELD TEST
of
Buff Transit No. 9940
by
Benjamin J. Kinsey, U.S. Surveyor.

June, 7, 1927;

On the meridian established by Polaris observation on May, 18, 1927, as described on page 2 hereof;

At 9h. 00m., a.m., app. t., set off $33^{\circ} 02' N.$, on the latitude arc; $22^{\circ} 42\frac{1}{2}' N.$, on the decl. arc and determine the meridian with the solar which agrees with the true meridian.

At 12h. 00m., app., noon, with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $22^{\circ} 43' N.$, which agrees with the calculated declination of the sun.

At 3h. 00m., p.m., app. t., with lat. arc unchanged, set off $22^{\circ} 44' N.$, on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations, taken during the usual hours of solar work agree within $1'30''$ of the true meridian, conclude that the adjustments of the instrument has been maintained throughout the surveys described in the foregoing field notes.

FINAL FIELD TEST
of
Young & Son Transit No. 8478
by
Charles E. Hunter, U.S. Transitman.

June, 6, 1927; On same meridian as above mentioned.

At 9h. 00m., a.m., app. t., set off $33^{\circ} 02' N.$, on lat. arc, $22^{\circ} 36' N.$, on decl. arc, and determine a meridian on the solar which agrees with the true meridian.

At 3h. 00m., p.m., app. t., with lat. arc unchanged, set off $22^{\circ} 38' N.$, on decl. arc, and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within $1'00''$ of the true meridian, conclude that the adjustments of the instrument has been maintained throughout the surveys described in the foregoing field notes.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Benjamin J. Kinsey, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group No. 127, Arizona bearing date of the 17th day of June, 1925 I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, RESURVEYED all those parts or portions of the North Boundary and SURVEYED all those parts or portions of the West Boundary and Subdivision Lines of Township 4 South, Range 31 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 127, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix, Arizona.
Date: April, 2, 1928

Benjamin J. Kinsey
U.S. Surveyor.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, April 9, 1928.

The foregoing field notes of the RESURVEY of the North Boundary and of the SURVEY of the East Boundary and Subdivision Lines and Part (completion) of the West Boundary of Township 4 South, Range 31 East of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Benjamin J. Kinsey, U.S. Surveyor and Charles E. Hunter, U.S. Transitman, under special instructions dated June 17, 1925 for Group No. 127, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the RESURVEYS and SURVEYS they describe, are hereby approved.

Charles E. Hunter
U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.