

ORIG
NOV 17 1920

FIELD NOTES

OF THE SURVEY OF THE

part of North boundary of

Township 27 North, Range 6 West,

and

part of East boundary,

part of West boundary,

all of North Boundary, and

part (completion) of Subdivision lines of

Township 27 North, Range 7 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Quintin Campbell, U. S. Surveyor,

James H. Finley, U. S. Transitman, and

Kenneth W. Bond, U. S. Transitman,

In the capacity of U. S. Surveyor, under Special Instructions dated February 25, 1920,

issued by the United States Surveyor General to govern surveys included in Group

No. 107, Arizona, which were approved by the Commissioner of the General Land

Office, March 8, 1920, and Assignment Instructions dated March 19, 1920

March 29, 1920

Survey commenced March 30, 1920

Survey completed April 24, 1920

3528

3528

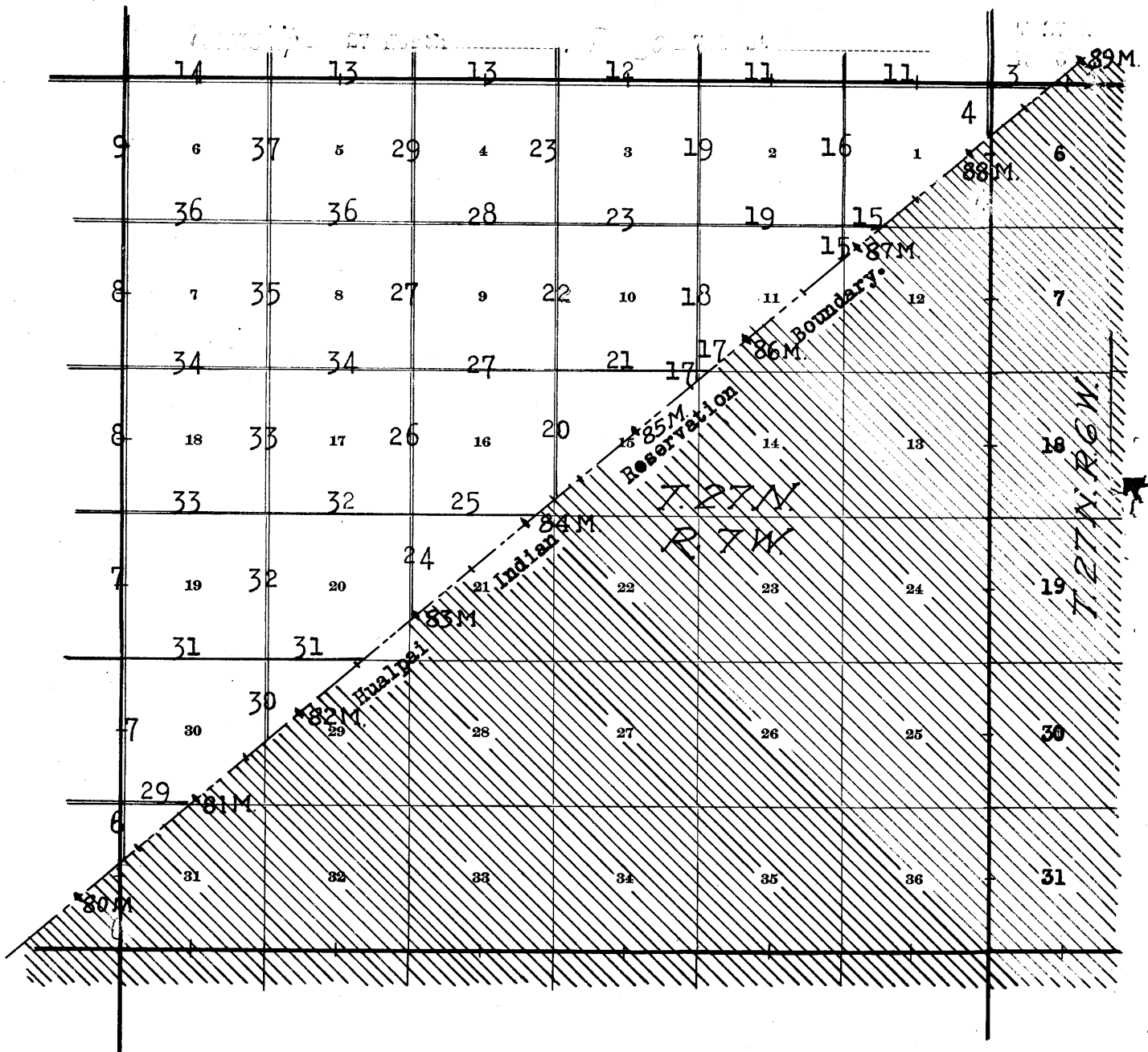
1A

3528

528

BOOK 3528

INDEX DIAGRAM.



==== Lines surveyed under this Group.

— Accepted surveys.

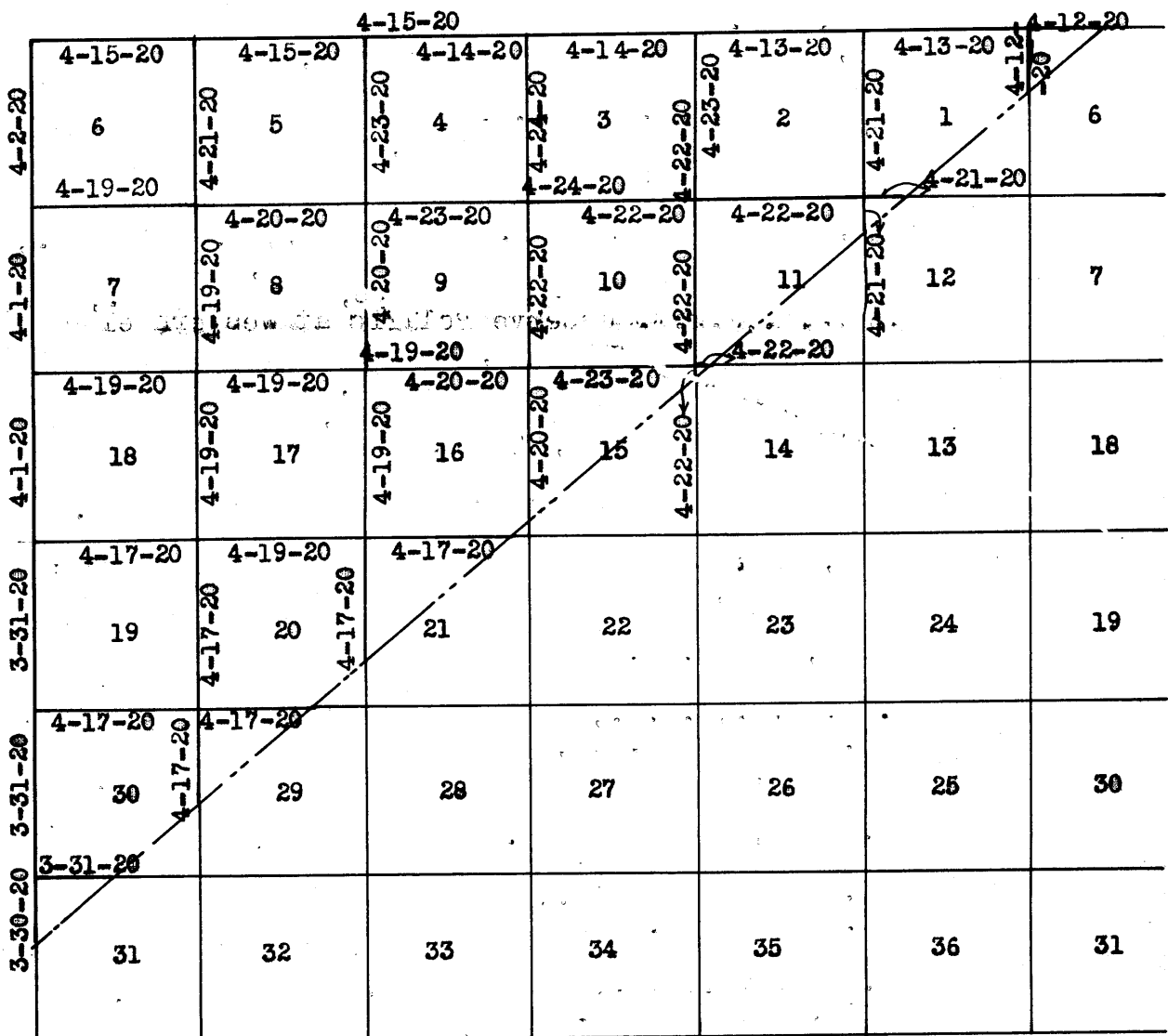
▨ Areas surveyed as per accepted plats on file.

BOOK 1028

BOOK "A"

DATE DIAGRAM

TOWNSHIP 27 NORTH, RANGES 6 and 7 WEST.



Brown lines on above diagram indicate accepted surveys.

Black lines on above diagram indicate surveys executed by Quintin Campbell, U. S. Surveyor, on dates shown thereon.

Blue lines on above diagram indicate surveys executed by James H. Finley, U. S. Transitman, on dates shown thereon.

Red lines on above diagram indicate surveys executed by Kenneth W. Bond, U. S. Transitman, on dates shown thereon.

Surveys hereinafter described, executed on dates shown on diagram on page 1 hereof, by Quintin Campbell, U.S. Surveyor, and James H. Finley and Kenneth W. Bond, U.S. Transitmen, Campbell using Young and Sons transit No. 8491, and Finley and Bond using Young and Sons transit No. 8477, successively. Each instrument is equipped with full vertical circle, and the Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachments.

PRELIMINARY FIELD TESTS OF INSTRUMENTS BY
CAMPBELL AND FINLEY.

March 29, 1920. We examine the adjustment of each instrument, and correct all errors; then, to test the solar apparatus by comparing its indications from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, proceed with each instrument as follows:

In camp, near the cor. of Ts. 27 and 28 N., Rs. 7 and 8 W., Gila and Salt River Base and Meridian, Arizona, in latitude $35^{\circ}40'10''$ N.; longitude, $113^{\circ}04'41''$ W., at 6h. 59.3m. p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a peg driven firmly in the ground, 6 chs. N.

Azimuth of Polaris at western elongation = $1^{\circ}22'41''$.

March 30, 1920. Lay off the azimuth of Polaris $1^{\circ}22'41''$ to the east, and mark a point in the meridian thus determined by a tack in a peg driven firmly in the ground, 6 chs. N.

At 8h. 0m., a.m., l.m.t., set off $35^{\circ}40'$ N. on the lat. arc; $3^{\circ}50'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is $3^{\circ}53\frac{1}{2}'$ N., which agrees with the computed decl. of the sun.

At 4h. 0m. p.m., l.m.t., with the lat. arc unchanged, set off $3^{\circ}58'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

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

Unless otherwise specified, all measurements are made with Lallie steel tapes, 2 and 5 chs. in length, compared with a Larkin standard steel tape, and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Survey of part of North bdy. of Township 27 N., R. 6 W. (completion) 3

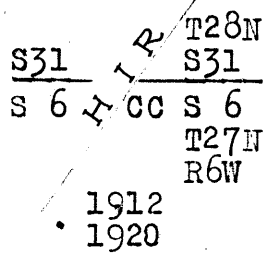
Chains.

The portion of the North bdy. of T. 27 N., R. 6 W., situated outside of the Hualpai Indian Reservation was surveyed in 1912, by Jesse B. Wright, U.S.S., and no retracement or resurvey of such portion of the line is of record. The following notes describe the survey of the portion of the Tp. bdy. situated inside the Reservation, which completes the survey of the line.

The closing cor. on the Reservation bdy. of those parts of Ts. 27 and 28 N., R. 6 W. situated outside the Reservation, established in 1912, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap and witnessed by two properly marked bearing trees as follows:

- A cedar, 22 ins. in diam., N. 78° E., 511 lks. dist.
- A cedar, 22 ins. in diam., S. 89° E., 137 lks. dist.

This cor. is of record as being established on the Reservation boundary at 4.95 chs. West from the 1/4 sec. cor. of secs. 1 and 36, Ts. 27 and 28 N., R. 6 W. Change the marking on the brass cap to read



This closing cor. now refers to areas on both sides of the Reservation bdy.

Thence, West, on true line, between those parts of secs. 6 and 31, situated inside the Reservation.

Over gently rolling land, thru. dense timber and scattering undergrowth. Ascend slightly over E. slope.

31.50 Leave gently rolling land, timber and undergrowth, and enter level open land.

33.30 Draw, 20 lks. wide, course NE.

34.35 (39.30 chs. W. from the 1/4 sec. cor. of secs. 6 and 31) Point of intersection with the East bdy. of T. 27 N., R. 7 W., surveyed north from closing cor. on Reservation bdy., as hereinafter described.

At this point of intersection, establish the cor. of Ts. 27 and 28 N., Rs. 6 and 7 W., as hereinafter described.

Land, gently rolling and level.

Soil, gravelly clay, 3rd rate.

Timber, dense juniper, cedar and pine.

Undergrowth, scattering prickly ash, scrub oak and scrub cedar.

A small area around the Tp. cor. is devoid of timber and undergrowth.

Good grass.

4 Survey of part of East bdy. of T.27 N., R.7 W. (completion).

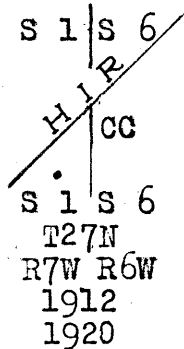
Chains.

The portion of the East bdy. of T.27 N., R.7 W. situated outside of the Hualpai Indian Reservation was surveyed in 1912 by Jesse B. Wright, U.S.S., and no retracement or resurvey of such portion of the line is of record. The following notes describe the survey of the portion of the range line situated inside the Reservation, which completes the survey of the line.

The closing cor. on the Reservation bdy., of those parts of Ts. 27 N., Rs. 6 and 7 W., situated outside the Reservation, established in 1912, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two properly marked bearing trees, as follows:

- A cedar, 14 ins. in diam., S. 33° E., 42 lks. dist.
- A pine, 12 ins. in diam., S. 40° W., 37 lks. dist.

This cor. is of record as being established on the Reservation boundary at 11.20 chs. North from the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, Ts. 27 N., Rs. 6 and 7 W. Change the marking on the brass cap to read:



This closing cor. now refers to areas on both sides of the Reservation boundary.

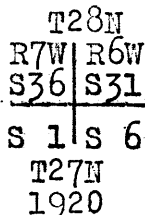
Thence,

North, on true line, between those parts of secs. 1 and 6, situated inside the Reservation.

Over gently rolling land, thru. dense timber and scattering undergrowth, along E. slope, descending slightly to

- 25.80 Leave gently rolling land, timber and undergrowth, and enter level open land.
- 28.00 Draw, 20 lks. wide, course NE. Continue over level open land.
- 28.98 (40.18 chs. N. from $\frac{1}{4}$ sec. cor. of secs. 1 and 6) Point of intersection with the N. bdy. of T.27 N., R.6 W. surveyed West from closing cor. on Reservation bdy., as hereinbefore described.

At this point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 27 and 28 N., Rs. 6 and 7 W., marked on brass cap,



from which,

- A juniper, 10 ins. in diam., brs. N. 6° E., 456 lks. dist., marked T28N R6W S31 BT.
- A juniper, 14 ins. in diam., brs. S. 52 $\frac{1}{2}$ ° E., 358 lks. dist., marked T27N R6W S6 BT.
- A juniper, 10 ins. in diam., brs. S. 40 $\frac{1}{2}$ ° W., 460 lks. dist., marked T27N R7W S1 BT.

Chains.

A juniper, 18 ins. in diam., brs. N. $30\frac{3}{4}^{\circ}$ W., 425
lks. dist., marked T28N R7W S36 BT.

Land, gently rolling and level.

Soil, gravelly clay, 3rd rate.

Timber, dense juniper, pine and cedar.

Undergrowth, scattering prickly ash and scrub oak.

A small area around the Tp. cor. is devoid of timber and
undergrowth.

Good grass.

6 Survey of part of West bdy. of T. 27 N., R. 7 W. (completion)

Chains.

The portion of the West bdy. of T. 27 N., R. 7 W., situated outside the Hualpai Indian Reservation, was surveyed in 1912 by Jesse B. Wright, U.S.S., which survey was corrected by A.C. Horton, Jr., U.S.S., in 1914, by a re-chaining of the line between the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, and the Tp. closing corner on the Reservation boundary.

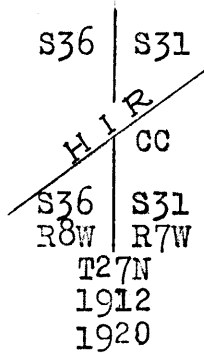
No subsequent retracement or resurvey of the range line is of record.

The following notes describe the survey of the portion of the range line situated inside the Reservation, which completes the survey of the line.

The closing cor. on the Reservation boundary, of those parts of Ts. 27 N., Rs. 7 and 8 W., situated outside the Reservation, established in 1912, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by three pits, one each N. 50° E., S. 50° W. and S. of cor., and mound of earth S. of cor. No bearing trees.

This cor. is of record as being established on the Reservation boundary at 9.74 chs. North from the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, Ts. 27 N., Rs. 7 and 8 W.

Change the marking on the brass cap, to read:



This closing cor. now refers to areas on both sides of the Reservation boundary.

Thence,

North, on true line, between those parts of secs. 31 and 36, situated inside the Reservation.

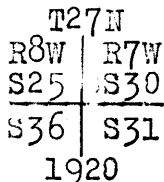
Over gently rolling land, thru. scattering undergrowth, ascending slightly over SE. slope.

6.00 Enter scattering timber, brs. SE. and W.

27.50 Point of low spur, sloping E. Desc. slightly over N. slope, to

30.26 (40.00 chs. N. from $\frac{1}{4}$ sec. cor. of secs. 31 and 36),

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,



from which,

A juniper, 10 ins. in diam., brs. N. 21° E., 127 lks. dist., marked T27N R7W S30 BT.

A juniper, 12 ins. in diam., brs. S. 6° E., 154 lks. dist., marked T27N R7W S31 BT.

A juniper, 10 ins. in diam., brs. S. 49 $\frac{1}{2}$ ° W., 394 lks. dist., marked T27N R8W S36 BT.

A juniper, 14 ins. in diam., brs. N. 51° W., 235 lks. dist., marked T27N R8W S25 BT.

Land, gently rolling.

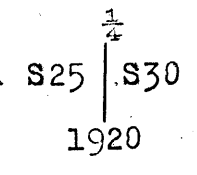
Soil, sandy clay loam, 1st rate.

Part of West bdy. of Township 27 North, Range 7 West (completion). 7

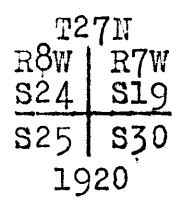
Chains.

Timber, scattering juniper, pine and cedar, except in S. 6.00 chs.; where there is no timber. Undergrowth, scattering sage brush. Good grass.

- 25.00 North, on true line, bet. secs. 25 and 30. Over gently rolling land, thru. scattering timber and undergrowth. Descend slightly over N. slope, to Leave gently rolling land and timber, and enter level land. Continue thru. scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

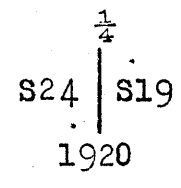


- 46.00 and dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.
- 80.00 Enter very scattering timber, brs. W. and N. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

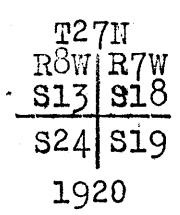


Dig pits, 18x18x12 ins., one each, NE., SE., SW. and NW. of cor. 3 ft. dist. Land, S. 10 chs., gently rolling; remainder, level. Soil, sandy clay loam, 1st rate. Timber, juniper, scattering S. 10 chs.; very scattering in N. 70 chs. Undergrowth, scattering sagebrush. Good grass.

- 26.00 North, on true line, bet. secs. 19 and 24. Over level land, thru. very scattering timber and scattering undergrowth. Enter scattering timber, brs. E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



- 80.00 from which,
 - A juniper, 8 ins. in diam., brs. N. 83 1/2° E., 140 lks. dist., marked 1/4 S 19 BT.
 - A juniper, 30 ins. in diam., brs. S. 47 1/2° W., 90 lks. dist., marked 1/4 S 24 BT.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



8 Part of West bdy. of Township 27 North, Range 7 West (completion)

Chains.

from which,

A juniper, 14 ins. in diam., brs. N. 14 1/4° E., 100 lks.
dist., marked T27N R7W S18 BT.

A juniper, 10 ins. in diam., brs. S. 55° W., 378 lks.
dist., marked T27N R8W S24 BT.

A pine, 12 ins. in diam., brs. N. 24° W., 127 lks.
dist., marked T27N R8W S13 BT.

and dig a pit 18x18x12 ins. SE. of cor., 3 ft. dist.

Land, level.

Soil, sandy clay loam, 1st rate.

Timber, juniper and pine, very scattering in S. 26 chs.;
scattering elsewhere.

Undergrowth, scattering sage brush.

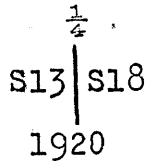
Good grass.

North, on true line, bet. secs. 13 and 18.

Over nearly level land, sloping slightly to the east, thru.
scattering timber and undergrowth.

3.00 Leave scattering, and enter dense timber. Continue thru.
scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap,



from which,

A pine, 14 ins. in diam., brs. N. 64 3/4° E., 29 lks.
dist., marked 1/4 S 18 BT.

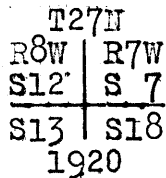
A juniper, 6 ins. in diam., brs. S. 53 1/2° W., 21 lks.
dist., marked 1/4 S 13 BT.

Continue over nearly level land thru. dense timber and
scattering undergrowth.

45.00 Leave timber. Continue thru. scattering undergrowth.

67.30 Enter dense timber, brs. E and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 7, 12, 13 and 18, marked
on brass cap,



from which,

A pine, 8 ins. in diam., brs. N. 84 1/2° E., 75 lks.
dist., marked T27N R7W S7 BT.

A pine, 12 ins. in diam., brs. S. 31 1/2° E., 70 lks.
dist., marked T27N R7W S18 BT.

A juniper, 19 ins. in diam., brs. S. 41 1/2° W., 19 lks.
dist., marked T27N R8W S13 BT.

A pine, 6 ins. in diam., brs. N. 76° W., 16 lks.
dist., marked T27N R8W S12 BT.

Land, nearly level.

Soil, sandy clay loam, 1st rate.

Timber, juniper and pine, scattering and dense.

Undergrowth, scattering sage brush.

Good grass.

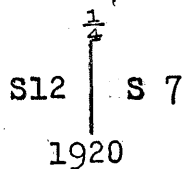
North, on true line, bet. secs. 7 and 12.

Over nearly level land, sloping slightly to the east,
thru. dense timber and scattering undergrowth.

Part of West bdy. of Township 27 North, Range 7 West (completion) 9

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



from which,

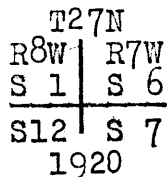
A juniper, 12 ins. in diam., brs. S. 83 3/4° E., 48 lks. dist., marked 1/4 S 7 BT.

A juniper, 8 ins. in diam., brs. N. 41 1/2° W., 60 lks. dist., marked 1/4 S 12 BT.

Continue over nearly level land, sloping slightly to the east, thru. dense timber and scattering undergrowth.

70.00 Leave dense, and enter scattering timber, and continue thru. scattering undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



from which,

A juniper, 8 ins. in diam., brs. N. 63° E., 86 lks. dist., marked T27N R7W S6 BT.

A juniper, 30 ins. in diam., brs. S. 53 1/2° E., 280 lks. dist., marked T27N R7W S7 BT.

A juniper, 28 ins. in diam., brs. S. 7 1/2° W., 478 lks. dist., marked T27N R8W S12 BT.

A juniper, 28 ins. in diam., brs. N. 35 1/4° W., 60 lks. dist., marked T27N R8W S1 BT.

Land, nearly level.

Soil, sandy clay loam, 1st rate.

Timber, juniper and pine, dense and scattering.

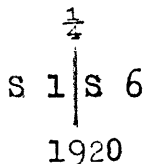
Undergrowth, scattering sage brush.

Good grass.

North, on true line, bet. secs. 1 and 6.

Over nearly level land, sloping slightly to the east, thru. scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



from which,

A juniper, 20 ins. in diam., brs. N. 85 1/2° E., 103 lks. dist., marked 1/4 S 6 BT.

A juniper, 36 ins. in diam., brs. S. 22 3/4° W., 75 lks. dist., marked 1/4 S 1 BT.

Continue over nearly level land, thru. scattering timber and undergrowth

55.00 W. edge of bottom of basin, brs. NW and SE. Leave nearly level land and timber, and enter level bottom of basin, known as "Aubrey Flats."

80.40 Point of intersection with N. bdy. of T. 27 N., R. 7 W., surveyed due west, as hereinafter described.

At this point of intersection,

10 Part of West bdy. of Township 27 North, Range 7 West (completion).

Chains.

Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in the ground, for cor. of Ts. 27 and 28 N., Rs. 7 and 8 W., marked on brass cap,

T28N	
R8W	R7W
S36	S31
S 11	S 6
T27N	
1920	

and dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level and level.

Soil, sandy clay loam, 1st rate.

Timber, scattering juniper and pine in S. 55 chs. None elsewhere.

Undergrowth, scattering sagebrush.

Good grass.



LOC 3228

Survey of North bdy. of Township 27 North, Range 7 West. 11

Chains.

From the cor. of Ts. 27 and 28 N., Rs. 6 and 7 W., hereinbefore described,
 West, on true line, bet. secs. 1 and 36.
 Over level, open flat, brs. NE. and SW.
 4.50 Leave level open flat, and enter gently rolling land, scattering timber and undergrowth.
 Ascend 200 ft., over E. slope, to $\frac{1}{4}$ sec. cor.
 27.60 Enter dense timber, brs. N. and S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 36 \\ S 1 \\ 1920 \end{array}$$

from which,
 A juniper, 30 ins. in diam., brs. N. 39° E., 143 lks. dist., marked $\frac{1}{4}$ S 36 BT.
 A juniper, 24 ins. in diam., brs. S. 18° W., 75 lks. dist., marked $\frac{1}{4}$ S 1 BT.

Leave gently rolling, and enter nearly level land, on top of low divide, bearing NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T28N	R7 W
S35	S36
S 2	S 1
T27N	
1920	

from which,
 A pine, 8 ins. in diam., brs. N. 29° E., 52 lks. dist., marked T28N R7W S36 BT.
 A pine, 12 ins. in diam., brs. S. 18° E., 13 lks. dist., marked T27N R7W S1 BT.
 A juniper, 20 ins. in diam., brs. S. 9° W., 41 lks. dist., marked T27N R7W S2 BT.
 A juniper, 12 ins. in diam., brs. N. 62° W., 30 lks. dist., marked T28N R7W S35 BT.

Land, level, gently rolling and nearly level.
 Soil, sandy and gravelly clay loam, 1st and 2nd rate.
 Timber, juniper and pine, scattering and dense.
 Undergrowth, scattering prickly ash and scrub oak.
 Fair grass.

West, on true line, bet. secs. 2 and 35.
 Over nearly level land, on top of low divide, bearing NW. and SE., thru. dense timber and scattering undergrowth.
 7.00 Leave nearly level land and top of low divide, and enter gently rolling land. Desc. 46 ft., over SW. slope.
 16.96 Gully, 25 lks. wide, course S. Asc. 40 ft., over E. slope.
 23.80 Descend 40 ft., over W. slope. Leave dense, and enter scattering timber.
 27.20 Gully, 30 lks. wide, course S. Asc. 66 ft., over E. slope.
 32.80 Spur, slopes S. Desc. 60 ft. over W. slope.
 38.67 Gully, 30 lks. wide, course SE. Asc. slightly over NE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 35 \\ S 2 \\ 1920 \end{array}$$

from which,
 A juniper, 12 ins. in diam., brs. S. 23° W., 150 lks. dist., marked $\frac{1}{4}$ S 2 BT.
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Continue over gently rolling land, thru. scattering timber and undergrowth.

12 North boundary of Township 27 North, Range 7 West.

Chains.

74.00 Ascend 80 ft., over NE. slope.
 80.00 Gully, 50 lks. wide, course NE. Asc. slightly over NE. slope, to
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 2, 3, 34 and 35, marked on
 brass cap,

T28N | R7 W
 S34 | S35
 S 3 | S 2
 T27N
 1920

from which,

- A juniper, 36 ins. in diam., brs. N. 41° E., 159 lks. dist., marked T28N R7W S35 BT.
- An oak, 60 ins. in diam., brs. S. 63° W., 280 lks. dist., marked T27N R7W S3 BT.
- An oak, 12 ins. in diam., brs. S. 87° E., 196 lks. dist., marked T27N R7W S2 BT.
- An oak, 8 ins. in diam., brs. N. 31° W., 298 lks. dist., marked T28N R7W S34 BT.

Land, E. 7 chs., nearly level; remainder, gently rolling.
 Soil, gravelly clay loam, 3rd rate.
 Timber, juniper, pine, cedar and oak, dense and scattering.
 Undergrowth, scattering prickly ash and scrub oak.
 Fair grass.

West, on true line, bet. secs. 3 and 34.
 Over rolling land, thru. scattering timber and undergrowth.
 Descend 9 ft., over NW. slope.

- 1.20 Gully, 10 lks. wide, course N., near head. Ascend 15 ft., over NE. slope.
- 2.67 A cedar, 30 ins. in diam., on line, marked with 2 notches on each of E. and W. faces.
- 8.00 Descend 32 ft. over NW. slope.
- 17.20 Gully, 20 lks. wide, course NE. Asc. 80 ft., over SE. slope.
- 37.10 Ridge, brs. N. 35° E. and S. 35° W. Leave rolling land and scattering timber, and enter mountainous land and dense timber.
- 40.00 Descend 60 ft., over W. slope, to
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 34
 $\frac{1}{4}$
 S 3
 1920

from which,

- A cedar, 18 ins. in diam., brs. N. 57° W., 71 lks. dist., marked $\frac{1}{4}$ S 34 BT.
- A juniper, 6 ins. in diam., brs. S. 31° E., 79 lks. dist., marked $\frac{1}{4}$ S 3 BT.

Descend 120 ft. over W. slope.

- 59.20 Gulch, 50 lks. wide, course SW. Ascend 80 ft., over SE. slope.
- 71.30 Spur, slopes S. Desc. 62 ft., over SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T28N | R7W
 S33 | S34
 S 4 | S 3
 T27N
 1920

from which,

- A pine, 6 ins. in diam., brs. N. 68 $\frac{1}{4}$ ° E., 44 lks. dist., marked T28N R7W S34 BT.
- A pine, 8 ins. in diam., brs. S. 37° E., 59 lks. dist., marked T27N R7W S3 BT.
- A pine, 10 ins. in diam., brs. S. 55° W., 86 lks. dist., marked T27N R7W S4 BT.
- A pine, 12 ins. in diam., brs. N. 44° W., 104 lks. dist., marked T28NR7 W S33 BT.

Chains.

Land, rolling and mountainous.
Soil, gravelly and rocky clay loam, 3rd and 4th rate.
Timber, juniper, pine and cedar, scattering and dense.
Undergrowth, scattering prickly ash and scrub oak.
No grass.

West, on true line, bet. secs. 4 and 33.
Over mountainous land, thru. dense timber and scattering
undergrowth.

11.50 Descend 180 ft., over SW. slope.
Gulch, 25 lks. wide, course SW. Ascend 60 ft., over SE.
slope.

15.30 Descend 130 ft., over SW. slope.

27.30 Gulch, 20 lks. wide, course SW.
Ascend 40 ft. over SE. slope.

30.70 Spur, slopes SW. Descend 90 ft., over W. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 33
S 4
1920

from which,

A pine, 10 ins. in diam., brs. N. 76° W., 29 lks.
dist., marked 1/4 S 33 BT.

A cedar, 12 ins. in diam., brs. South 50 lks.
dist., marked 1/4 S 4 BT.

Continue over mountainous land, thru. dense timber and
scattering undergrowth.

46.20 Descend 70 ft., over W. slope.

Gulch, 50 lks. wide, course SW.

Ascend 64 ft., over SE. slope.

51.50 Spur, slopes SW. Descend 40 ft., over W. slope, to

55.00 Foot of slope from spur, brs. NW. and SE. Leave mountain-
ous land, and dense timber, and enter gently rolling
land, scattering timber and undergrowth. Desc. very
gradually over W. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 4, 5, 32 and 33, marked
on brass cap,

T28N | R7 W
S32 | S33
S 5 | S 4
T27N
1920

from which,

A pine, 28 ins. in diam., brs. N. 37° E., 128 lks.
dist., marked T28N R7W S33 BT.

A pine, 12 ins. in diam., brs. S. 5 1/2° E., 110 lks.
dist., marked T27N R7W S4 BT.

A pine, 12 ins. in diam., brs. S. 48° W., 106 lks.
dist., marked T27N R7W S5 BT.

A pine, 12 ins. in diam., brs. N. 20° W., 22 lks.
dist., marked T28N R7W S32 BT.

Land, E: 55 chs., mountainous; remainder, gently rolling.
Soil, gravelly clay loam, 3rd rate.
Timber, juniper and pine, dense and scattering.
Undergrowth, scattering prickly ash and scrub oak.
No grass.

West, on true line, bet. secs. 5 and 32.

Over gently rolling land, thru. very scattering timber
and scattering undergrowth. Descend slightly over W.
slope, to

14 North boundary of Township 27 North, Range 7 West.

- Chains.
- 1.20 Gully, 20 lks.wide, course SW. Thence over SW.slope, descending slightly.
- 37.00 Gully, 25 lks.wide, course SW. Continue over SW.slope, descending very gradually.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
- $$\begin{array}{r} \frac{1}{4} S 32 \\ \frac{1}{4} S 5 \\ 1920 \end{array}$$
- and dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist. Continue over gently rolling land, thru. very scattering timber and scattering undergrowth, descending very gradually, to
- 64.00 E. edge of bottom of basin, brs.NE.and SW. Leave gently rolling land, and enter level bottom of basin, known as "Aubrey Flats."
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

$$\begin{array}{r|l} T28N & R7 W \\ \hline S31 & S32 \\ \hline S 6 & S 5 \\ T27N & \\ 1920 & \end{array}$$

from which,

A juniper, 36 ins. in diam., brs.N.74°W., 131 lks. dist., marked T28N R7W S31 BT.
and dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of post, 3 ft. dist.
Land, E. 64 chs., gently rolling; remainder, level.
Soil, gravelly, 3rd rate in E. 64 chs.; sandy clay loam, 1st rate in W. 16 chs.
Timber, very scattering juniper, pine and cedar.
Undergrowth, scattering prickly ash and scrub oak.
Good grass in W. 16 chs.

-
- West, on true line, bet. secs. 6 and 31.
Over level land, thru. scattering timber and undergrowth, across Aubrey Flats.
- 7.00 Leave scattering and enter dense timber, bearing NE. and SW.
- 15.00 Leave dense timber, bearing NW. and SE. Thence over level land, thru. scattering undergrowth devoid of timber.
- 35.00 Dry wash, 10 lks.wide, course S. Continue over level land.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
- $$\begin{array}{r} S 31 \\ \frac{1}{4} S 6 \\ 1920 \end{array}$$
- and dig pits 18x18x12 ins., one each E. and W. of post, 3 ft. dist. Continue over level land in "Aubrey Flats," thru. scattering undergrowth.
- 52.90 Pipe line, brs.N.12°W. and S.33°E.
- 71.70 Road brs.N. and S. Extends southerly to Seligman and northerly to Pine Springs.
- 73.70 Gully, 30 lks.wide and 15 ft. deep, course S. Continue over level land in Aubrey Flats.
- 79.77 The cor. of Ts. 27 and 28 N., Rs. 7 and 8 W., hereinbefore described.
Land level.
Soil, sandy clay loam, 1st rate.
Timber, scattering and dense juniper in E. 15 chs. None elsewhere; undergrowth, scattering prickly ash and scrub oak. Good grass.

3000

Survey of part of Subdivision lines of T.27 N.,R.7 W.(completion) 15

Chains.

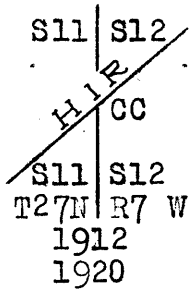
The subdivision lines of that part of T.27 N.,R.7 W., situated outside the Hualpai Indian Reservation were surveyed in 1912 by William H. Elliott, U.S.Surveyor, establishing closing cors.on the Reservation boundary at each point of intersection. No retracement or re-survey of said line is of record.

The following notes describe the survey of the Subdivision lines of that part of the Tp. situated inside the Reservation, connecting with the established closing cors. on the Reservation boundary, thus completing the Subdivision of the township.

The closing cor.of those portions of secs.11 and 12,situated outside the Reservation, is an iron post,2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by three pits, one each N.50°E., S.50°W., and south of cor.,and a mound of earth S.of cor. No bearing trees.

This cor.is of record as being established on the Reser- vation bdy.at 24.26 chs.N.0°1'W.from the 1/4 sec.cor. of secs.11 and 12.

Change the marking on the brass cap to read:

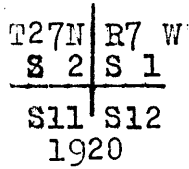


This closing cor.now refers to areas on both sides of the Reservation bdy.

Thence, N.0°1'W., bet. those parts of secs.11 and 12,situated inside the Reservation.

15.74

Over rolling land, thru. very scattering timber and undergrowth. Desc. gradually over NW.slope, to (40.00 chs.N.0°1'W.from 1/4 sec.cor.of secs.11 and 12), Set an iron post, 3 ft.long,2 ins.in diam.,24 ins.in the ground,for cor.of secs.1,2,11 and 12,marked on brass cap,



from which,

A cedar,10 ins.in diam.,brs.S.25 1/2°E.,136 lks.dist.,marked T27N R7W S12 BT.

A cedar,36 ins.in diam.,brs.S.4 1/2°W.,249 lks.dist.,marked T27N R7W S11 BT.

and dig pits, 18x18x12 ins., one each NE.and NW.of post, 3 ft. dist.

Land, rolling.

Soil,sandy and gravelly clay loam,2nd and 3rd rate.

Timber, very scattering juniper and pine.

Undergrowth, very scattering prickly ash.

Fair grass.

18.64

East,on a random line, between those parts of secs.1 and 12, situated inside the Reservation.

Full 11 lks.N.of the closing cor.of those parts of secs. 1 and 12, situated outside the Reservation, estab- lished in 1912, which is an iron post, 2 ins.in diam.,

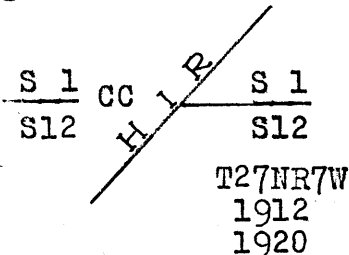
16 Part of Subdivision lines of Township 27 North, Range 7 W. (completion)

Chains.

projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by three pits, one each N. 50° E., S. 50° W., and East of cor., and a mound of earth, E. of cor. No bearing trees.

This cor. is of record as being established on the Reservation boundary at 21.34 chs. N. 89° 58' W. from the 1/4 sec. cor. of secs. 1 and 12.

Change markings on the brass cap, to read:



This closing cor. now refers to areas on both sides of the Reservation bdy.

Thence, S. 89° 40' W., on a true line, bet. those parts of secs. 1 and 12, situated inside the Reservation.

Over rolling land, thru scattering undergrowth, along N. slope, with slight change in elevation.

18.64 (39.98 chs. westing from 1/4 sec. cor. of secs. 1 and 12), Intersect the cor. of secs. 1, 2, 11 and 12.

Land, rolling.

Soil, gravelly clay loam, 3rd rate.

Timber, none.

Undergrowth, scattering prickly ash and scrub oak.

Fair grass.

N. 0° 1' W., on random line, bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

80.20 Fall 9 lks. E. of cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., hereinbefore described.

Thence,

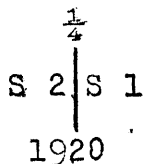
S. 0° 5' E., on a true line, bet. secs. 1 and 2.

Over nearly level land, thru dense timber and scattering undergrowth on top of low divide; bearing NW. and SE.

2.50 Leave nearly level land and top of divide, and enter gently rolling land. Descend 30 ft. over SW. slope.

27.50 Draw, 25 lks. wide, course SW. Descend gradually over SW. slope, to

40.20 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



from which.

A pine, 10 ins. in diam., brs. S. 71° E., 94 lks. dist., marked 1/4 S 1 BT.

An oak, 6 ins. in diam., brs. S. 17 1/4° W., 130 lks. dist., marked 1/4 S 2 BT.

Descend 67 ft., over SW. slope, to

52.20 Left edge of draw, brs. NW. and SE. Leave gently rolling land and timber. Thence across flat bottom of draw, course SE.

64.60 Right edge of draw, brs. NW. and SE. Leave flat bottom of draw, and enter gently rolling land, along E. slope, with slight change in elevation.

72.20 Draw, 50 lks. wide, course NE. Ascend gradually, over N. slope, to

80.20 The cor. of secs. 1, 2, 11 and 12.

Land, nearly level and gently rolling.

Part of Subdivision lines of Township 27 North, Range 7 West (compl'n)

Chains.

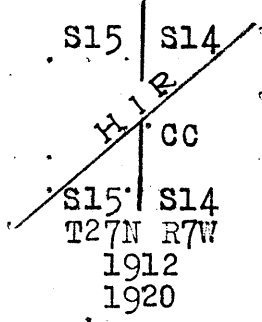
Soil, gravelly clay loam, 3rd rate.
Timber, dense juniper, pine, cedar and oak in N. 52 chs.; no timber in S. 28 chs.
Undergrowth, scattering prickly ash and scrub oak.
Fair grass.

The closing cor. of those parts of secs. 14 and 15 situated outside the Reservation, established in 1912, is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two properly marked bearing trees, as follows:

- A pine, S. 75° E., 210 lks. dist.
- A cedar, S. 1 1/2° W., 60 lks. dist.

This closing cor. is of record as being established on the H.I.R. boundary at 37.32 chs. N. 0° 1' W. from the 1/4 sec. cor. of secs. 14 and 15.

Change the markings on the brass cap to read:

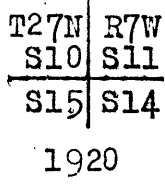


This closing cor. now refers to areas on both sides of the Reservation boundary.

Thence, N. 0° 1' W., bet. those parts of secs. 14 and 15, situated inside the Reservation.

2.68 Over rolling land, thru scattering timber and dense undergrowth. Asc. slightly over SE. slope, to (40.00 chs. N. 0° 1' W. from 1/4 sec. cor. of secs. 14 and 15)

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap,



- from which,
- A juniper, 18 ins. in diam., brs. N. 53 3/4° E., 83 lks. dist., marked T27N R7W S11 BT.
 - An oak, 6 ins. in diam., brs. S. 51° E., 129 lks. dist., marked T27N R7W S14 BT.
 - A pine, 10 ins. in diam., brs. S. 89° W., 102 lks. dist., marked T27N R7W S15 BT.
 - A juniper, 10 ins. in diam., brs. N. 48° W., 148 lks. dist., marked T27N R7W S10 BT.

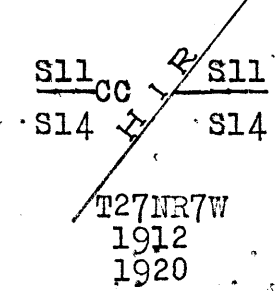
Land, rolling.
Soil, gravelly clay loam, 3rd rate.
Timber, scattering juniper, pine and oak.
Undergrowth, dense scrub oak and prickly ash.
Fair grass.

3.19 East, on a random line between those parts of secs. 11 and 14, situated inside the Reservation. Intersect the closing cor. of those parts of secs. 11 and 14 situated outside the Reservation, established in 1912, which is an iron post 2 ins. in diam., 30 ins.

18 Part of Subdivision lines of Township 27 North, Range 7 West (completing)

Chains.

above ground, firmly set in mound of stone, properly marked on brass cap, and witnessed by one properly marked bearing tree; a pine S. 43° E., 225 lks. dist., and a mound of stone E. of cor.
 This cor. is of record as being established on the H.I.R. boundary at 36.81 chs. N. 89° 58' W. from $\frac{1}{4}$ sec. cor. of secs. 11 and 14. Change markings on brass cap to read:



This closing cor. now refers to areas on both sides of the Reservation boundary.

Thence, West, on true line, between those parts of secs. 11 and 14, situated inside the H.I.R.

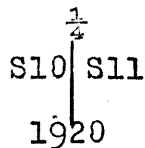
.50
3.19

Over rolling land, thru scattering timber and dense undergrowth. Desc. 10 ft., over SW. slope
 Draw, 10 lks. wide, course SE. Asc. 10 ft., over E. slope, to (40.00 chs. W. from $\frac{1}{4}$ sec. cor. of secs. 11 and 14), Intersect the cor. of secs. 10, 11, 14 and 15.

Land, rolling.
 Soil, gravelly clay loam, 3rd rate.
 Timber, scattering juniper.
 Undergrowth, dense scrub oak.
 Fair grass.

2.50
5.00
10.70
18.00
26.40
40.00

N. 0° 01' W., bet. secs. 10 and 11.
 Over rolling land, thru scattering timber and dense undergrowth. Descend over E. slope, to
 Head of draw, 10 lks. wide, course SE. Ascend S. slope.
 Small spur, slopes SE. Descend over NE. slope.
 Draw, 10 lks. wide, course SE. Ascend over SE. slope.
 Descend over NE. slope.
 Gulch, 20 lks. wide, course NE. Thence along E. slope, ascending to
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



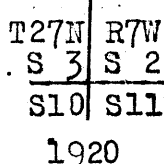
from which,

A juniper, 16 ins. in diam., brs. S. 55° E., 86 lks. dist., marked $\frac{1}{4}$ S 11 BT.

A juniper, 10 ins. in diam., brs. S. 81 $\frac{1}{2}$ ° W. 92 lks. dist., marked $\frac{1}{4}$ S 10 BT.

50.02
75.00
80.00

Descend over NE. slope.
 Gulch, 50 lks. wide, course N. 70° W. Thence over rolling W. slope, ascending to
 Gulch, 20 lks. wide, course SW. Ascend over SE. slope, to
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap,



Part of Subdivision lines of Township 27 N., R. 7 W. (completion) 19

Chains.

from which,
 A juniper, 30 ins. in diam., brs. N. 26° E., 410 lks. dist., marked T27N R7W S2 BT.
 A juniper, 60 ins. in diam., brs. S. 73¼° E., 750 lks. dist., marked T27N R7W S11 BT.
 A juniper, 16 ins. in diam., brs. S. 45¼° W., 465 lks. dist., marked T27N R7W S10 BT.
 A pine, 12 ins. in diam., brs. N. 69° W., 310 lks. dist., marked T27N R7W S3 BT.

Land, rolling.
 Soil, gravelly clay loam, 3rd rate.
 Timber, scattering juniper, pine and cedar.
 Undergrowth, dense scrub oak and prickly ash.
 Fair grass.

40.00 East, on a random line, bet. secs. 2 and 11.
 80.06 Set temp. ¼ sec. cor.
 Intersect the cor. of secs. 1, 2, 11 and 12.
 Thence,
 West, on a true line, bet. secs. 2 and 11.
 Over rolling land, thru. scattering timber and undergrowth. Descend gradually over NW. slope.
 10.00 Draw, 50 lks. wide, course NE. Ascend 34 ft., over SE. slope, to
 19.30 Draw, 10 lks. wide, course SE. Ascend 63 ft., over NE. and N. slope, to
 40.03 On N. slope of spur, sloping E. near top of same. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

$$\frac{\frac{1}{2} S \quad 2}{S \quad 11}$$
 1920

from which,
 A pine, 8 ins. in diam., brs. N. 18½° E., 114 lks. dist., marked ¼ S 2 BT.
 A juniper, 10 ins. in diam., brs. S. 10½° E., 68 lks. dist., marked ¼ S 11 BT.

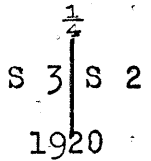
45.05 Ascend along N. slope, to Ridge, brs. NW. and SW., and spur sloping E. Desc. gradually over SW. slope.
 79.30 Gulch, 25 lks. wide, in bend of same, from NW. to SW. Leave timber and undergrowth. Asc. slightly over E. slope, to
 80.06 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling.
 Soil, gravelly clay loam, 3rd rate.
 Timber, scattering juniper, pine and cedar.
 Undergrowth, scattering scrub oak and prickly ash.
 Fair grass.

40.00 N. 0° 5' W., on a random line, bet. secs. 2 and 3.
 80.24 Set temp. ¼ sec. cor.
 Fall 6 lks. west of the cor. of secs. 2, 3, 34 and 35 on N. bdy. of Tp., hereinbefore described.
 Thence,
 S. 0° 02' E., on true line, bet. secs. 2 and 3.
 Over rolling land, thru. scattering timber and undergrowth. Descend slightly over E. slope.
 4.70 Head of gully, 50 lks. wide, course NE. Asc. 30 ft., over NE. slope.
 9.10 Small spur, slopes SE. Desc. 50 ft., over S. slope.
 19.00 Gully, 20 lks. wide, course NE. Ascend 25 ft., over NE. and E. slope, to
 37.00 Head of ravine, 20 lks. wide, course E. Asc. slightly over E. slope, to

20 Part of Subdivision lines of T 27 N., R. 7 W. (completion)

Chains.

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



from which,

A juniper, 16 ins. in diam., brs. N. 73° E., 46 lks. dist., marked $\frac{1}{4}$ S 2 BT.

A juniper, 10 ins. in diam., brs. S. 88° W., 35 lks. dist., marked $\frac{1}{4}$ S 3 BT.

Descend slightly over E. slope, to

45.70 Head of gully, 20 lks. wide, course E. Ascend 40 ft., over NE. slope.

52.15 Ridge, brs. NW. and SE., and short spur, sloping S. Descend on top of spur, to

60.00 Foot of spur, brs. E. and NW. Leave rolling land, timber and undergrowth, brs. NW. and SE., and enter open flat.

78.00 Gulch, 20 lks. wide, course SE. Leave flat, and enter open rolling land, ascending slightly over E. slope, to

80.24 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and level.

Soil, gravelly clay loam, 3rd rate.

Timber, scattering juniper and pine in N. 60 chs.

Undergrowth, scattering scrub oak and prickly ash in N. 60 chs.

No timber or undergrowth in S. 20 chs.

Fair grass.

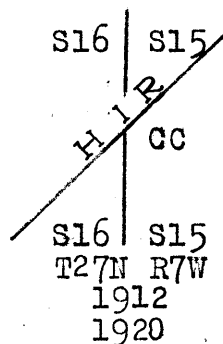
The closing cor. of those parts of secs. 15 and 16 situated outside the Reservation established in 1912 is an iron post 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two properly marked bearing trees, as follows:

A pine, S. 50 $\frac{1}{2}$ ° E., 41 lks. dist.

A cedar, S. 16 $\frac{1}{4}$ ° W., 58 lks. dist.

This closing cor. is of record as being established on the H.I.R. bdy. at 10.25 chs., N. 0° 2' W. from cor. of secs. 15, 16, 21 and 22.

Change marking on brass cap to read:



This closing cor. now refers to areas on both sides of the Reservation bdy.

Thence,

N. 0° 2' W., between those parts of secs. 15 and 16, situated inside the H.I.R.

Over rolling land, thru. dense timber and scattering undergrowth. Asc. 30 ft., over SW. slope, to

3.10 Low spur, slopes SW. Desc. slightly over NW. slope.

9.50 Gully, 20 lks. wide, course SW. Ascend 63 ft., over SW. slope, to

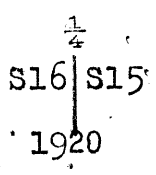
29.75 (40.00 chs. N. 0° 2' W., from cor. of secs. 15, 16, 21 and 22), set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

BOOK 8828

Part of Subdivision lines of T.27 N., R.7 W. (completion). 21

Chains.

the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

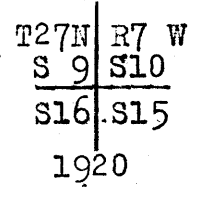


from which,
 A pine, 12 ins. in diam., brs. S. 48° E., 17 lks. dist., marked $\frac{1}{4}$ S 15 BT.
 A pine, 8 ins. in diam., brs. N. 76° W., 17 lks. dist., marked $\frac{1}{4}$ S16 BT.

Continue over rolling land, thru. dense timber and scattering undergrowth, along W. slope, with slight change in elevation.

49.90 Draw, 20 lks. wide, course W. Asc. 30 ft., over W. slope, to
 61.90 Gulch, course SW. Leave rolling, and enter mountainous land. Asc. 34 ft., over SW. slope.

66.50 Spur, slopes NW. Desc. 56 ft., over NE. slope, to
 69.75 (80.00 chs. N. 0° 2' W. from cor. of secs. 15, 16, 21 and 22),
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,



from which,
 A pine, 16 ins. in diam., brs. N. 57° E., 50 lks. dist., marked T27N R7W S10 BT.
 A pine, 14 ins. in diam., brs. S. 81° E., 28 lks. dist., marked T27N R7W S15 BT.
 A juniper, 14 ins. in diam., brs. S. 60° W., 77 lks. dist., marked T27N R7W S16 BT.
 A pine, 8 ins. in diam., brs. N. 58 $\frac{1}{2}$ ° W., 86 lks. dist., marked T27N R7W S9 BT.

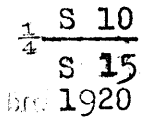
Land, rolling and mountainous.
 Soil, S. $\frac{1}{2}$ sandy and gravelly loam, 2nd rate; N. $\frac{1}{2}$, rocky and gravelly, 4th rate.
 Timber, dense juniper and pine.
 Undergrowth, scattering scrub oak and prickly ash.
 Good grass in S. $\frac{1}{2}$.

40.00 East, on a random line, bet. secs. 10 and 15.
 79.98 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence,
 N. 89° 55' W., on a true line, bet. secs. 10 and 15.
 Over rolling land, thru, scattering timber and dense undergrowth.

Ascend 40 ft., over NE. slope.
 30.20 Descend 36 ft., over NW. slope.
 36.30 Draw, 25 lks. wide, course NW. Leave scattering timber and dense undergrowth, and enter dense timber and scattering undergrowth. Ascend gradually over NE. slope, to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which,
 A juniper, 20 ins. in diam., brs. N. 51° W., 17 lks. dist., marked $\frac{1}{4}$ S 10 BT.

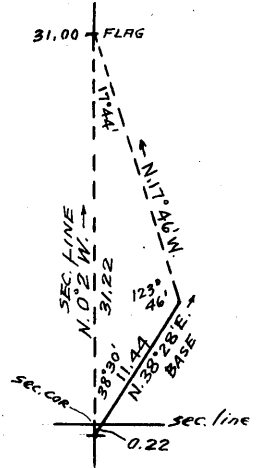
22 Part of Subdivision lines of T. 27 N., R. 7 W. (completion)

Chains.

A pine, 10 ins. in diam., brs. S. 23° W., 42 lks.
 dist., marked $\frac{1}{4}$ S 15 BT.
 Thence along N. slope, ascending slightly to
 48.00 Head of rocky gulch, 30 lks. wide, course NW. Leave rolling
 and enter mountainous land.
 Ascend along steep rocky N. face of cliffs.
 59.50 Point of spur, sloping N. Leave cliffs. Desc. 490 ft.,
 over W. slope, to
 77.00 Ascend 50 ft., over NE. slope, to
 79.98 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling and mountainous.
 Soil, gravelly and rocky clay loam, 4th rate.
 Timber, juniper and pine, scattering and dense.
 Undergrowth, scrub oak and prickly ash, dense and scatter-
 ing.
 Poor grass.

N. 0° 2' W., bet. secs. 9 and 10.
 Over mountainous land, thru. dense timber and undergrowth.
 Owing to steep broken slopes and a canyon crossing the
 line, it is impracticable to begin the measurement by
 chaining; therefore, triangulate as described as
 follows, and as shown on the diagram hereon:
 Set flag ahead on sec. line at N. rim of
 canyon.

Form a point 0.22 chs. S. 0° 2' E. from cor. of
 secs. 9, 10, 15 and 16, measure a Base
 N. 38° 28' E., 11.44 chs.
 From NE. end of Base, flag brs. N. 17° 46' W.
 Included angles are 123° 46', 38° 30' and
 17° 44', the sum of which is 180° 00'.
 Triangulated measurement from SW. end of
 Base to flag is obtained by



$$\frac{\text{sine } 123^{\circ} 46' \times \text{Base or } .83131 \times 11.44}{\text{sine } 17^{\circ} 44'} = 31.22 \text{ chs.}$$

The SW. end of Base being 0.22 chs. S. 0° 2' E. from sec.
 cor., the flag is therefore 31.22 chs. - 0.22 chs. =
 31.00 chs. N. 0° 2' W. from sec. cor.

From sec. cor., descend over steep broken NE. slope, to
 5.00 (Approximate) Change to broken NW. slope, and continue de-
 scent to
 15.00 (Approximate) South or left rim of canyon, brs. NE. and SW.
 Descend about 200 ft., over steep NW. slope, to
 22.00 (Approximate) Bottom of canyon, course SW. Ascend about 200
 ft., over steep broken S. slope, to
 31.00 Flag point of above described triangulation at North; or
 right rim of canyon, bearing NE. and SW.
 Continue line and measurement by chaining.
 Ascend 175 ft., over SW. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 9 | S 10
 1920

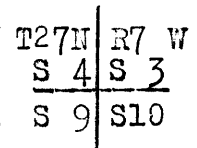
from which,
 A pine, 10 ins. in diam., brs. S. 87 $\frac{1}{2}$ ° E., 62 lks.
 dist., marked $\frac{1}{4}$ S 10 BT.
 A pine, 12 ins. in diam., brs. N. 23° W., 11 lks.
 dist., marked $\frac{1}{4}$ S 9 BT.

Ascend 210 ft., along SW. and W. slope of a spur sloping
 S., the top being near the line on the E.
 71.90 High spur, slopes W., from which, just E. of the line,
 another spur slopes S. Desc. 150 ft., over N. slope, to

Part of Subdivision lines of T.27 N., R. 7 W. (completion) 23

Chains.

80.00 set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,



1920

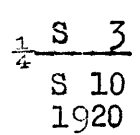
- from which,
- A pine, 8 ins. in diam., brs. N. 20 $\frac{1}{4}$ ° E., 60 lks. dist., marked T27N R7W S3 BT.
- A pine, 12 ins. in diam., brs. S. 69 $\frac{1}{2}$ ° E., 67 lks. dist., marked T27N R7W S10 BT.
- A pine, 10 ins. in diam., brs. S. 73° W., 54 lks. dist., marked T27N R7W S9 BT.
- A pine, 12 ins. in diam., brs. N. 50 $\frac{1}{2}$ ° W., 24 lks. dist., marked T27N R7W S4 BT.

Land, mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, dense juniper and pine.
 Undergrowth, dense scrub oak and prickly ash.
 No grass.

40.00 S. 89°55'E., on a random line, bet. secs. 3 and 10.
 79.84 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 33 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,
 S. 89°51'W., on a true line, bet. secs. 3 and 10.
 Over rolling land, thru. scattering timber and dense undergrowth, along S. slope, with slight change in elevation.

29.20 Gully, 25 lks. wide, course S. Asc. 30 ft., over E. slope, to
 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



- from which,
- A juniper, 36 ins. in diam., brs. N. 53° W., 328 lks. dist., marked $\frac{1}{4}$ S 3 BT.
- A juniper, 36 ins. in diam., brs. S. 68 $\frac{1}{2}$ ° W., 123 lks. dist., marked $\frac{1}{4}$ S 10 BT.

Ascend 50 ft., over E. slope, to

55.00 Spur, slopes N. from SW. Leave rolling land and scattering timber, and enter mountainous land, dense timber and undergrowth. Descend 50 ft., over NW. slope.
 63.80 Head of rocky gulch, 50 lks. wide, course N. 20° E. Ascend.
 65.00 Ridge, brs. N. and S. Descend 98 ft., over W. slope.
 72.80 Gulch, 25 lks. wide, course NW., near head. Ascend 20 ft., over NE. slope.

76.30 Thence over cliffs, facing NW. Descend 100 ft. to
 79.84 The cor. of secs. 3, 4, 9 and 10.

Land, rolling and mountainous.
 Soil, gravelly and rocky, 4th rate.
 Timber, juniper and pine, scattering and dense.
 Undergrowth, dense scrub oak and prickly ash.
 No grass.

40.00 N. 0°3'W., on random line, bet. secs. 3 and 4.
 80.32 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 19 lks. E. of the cor. of secs. 3, 4, 33 and 34 on N.

24 Part of Subdivison lines of T. 27 N., R.7 W. (completion)

Chains.

- bdy. of Tp., hereinbefore described.
 Thence,
 S.0°11'E., on a true line, bet. secs.3 and 4.
 Over mountainous land, thru. dense timber and scattering
 undergrowth. Descend 140 ft., over SW.slope.
 5.74 Gulch, 25 lks.wide, course W. Ascend 210 ft., over NW.
 slope.
 18.60 Spur, slopes SW. Descend 70 ft. over S.slope.
 23.80 Gulch, 20 lks.wide, course SW. Ascend 110 ft., over NW.
 slope, to
 28.90 Point of spur, slopes SW. Descend 96 ft., over S.slope.
 35.10 Gulch, 20 lks.wide, course SW. Ascend 75 ft., over NW.
 slope, to
 40.32 Set an iron post 3 ft. long, 1 in. indiam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 4 | S 3
 1920

from which,

- A juniper, 5 ins. in diam., brs. N.57°E., 40 lks.
 dist., marked $\frac{1}{4}$ S 3 BT.
 A pine, 8 ins. in diam., brs. N.15 $\frac{3}{4}$ °W., 27 lks.
 dist., marked $\frac{1}{4}$ S 4 BT.
 Ascend 27 ft., over NW.slope.
 41.70 Point of spur, slopes SW. Descend 197 ft., over SW.slope.
 52.70 Bottom of canyon, 80 lks.wide, course S.80°W. Ascend 275
 ft., over NW.slope.
 63.90 Spur, slopes SW. Descend 180 ft.
 77.00 Gulch, 50 lks.wide, course SW. Ascend 70 ft., over NW.
 slope, to
 80.32 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, dense juniper and pine.
 Undergrowth, scattering scrub oak and prickly ash.
 No. grass.

The closing cor. of those parts of secs.20 and 21, situ-
 ated outside the Reservation, established in 1912, is
 an iron post 2 ins. in diam., projecting 9 ins. above
 ground, firmly set, properly marked on brass cap, and
 witnessed by three pits, one each N.50°E., S.50°W. and
 mound of earth, S. of cor. No bearing trees.
 This closing cor. is of record as being established on
 the H.I.R. boundary at 23.48 chs., N. 0° 3' W.
 from corner of secs.20, 21, 28 and 29.
 Change the markings on brass cap to read:

S20 | S21
 H I R
 CC
 S20 | S21
 T27N R7W
 1912
 1920

This closing cor. now refers to areas on both sides of
 the reservation boundary.

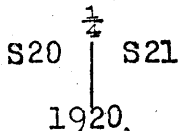
Thence,
 N.0°3'W., bet. those parts of secs.20 and 21, situated
 inside the H.I.R.
 Over nearly level land, thru. scattering undergrowth, at
 E. side of broad valley, bearing N. and S. Ascend very
 gradually.

Part of Subdivision lines of T.27 N., R. 7 W. (completion) 25

Chains.

15.00
16.52

Draw, 20 lks.wide, course SE.
(40.00 chs.N.0°3'W., from cor.of secs.20,21,28 and 29),
Set an iron post 3 ft.long, 1 in. in diam., 26 ins.in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

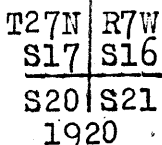


and dig pits, 18x18x12 ins., one each N.and S. of post,
3 ft. dist.

Continue over nearly level land in bottom of valley, thru
scattering undergrowth; ascend very gradually to sec.
cor.

30.30
34.10
56.52

Draw, 20 lks.wide, course SE.
Same draw, course SW. from N.5°E.
(80.00 chs.N.0°3'W., from cor.of secs.20,21,28 and 29).W.
edge of same draw, 30 lks.wide, course S,10°E.from N.
5°E. Set an iron post, 3 ft.long, 2 ins. in diam.,
24 ins.in the ground, for cor.of secs.16,17, 20 and 21,
marked on brass cap,



from which,

A juniper, 18 ins. in diam., bears S.61 $\frac{1}{2}$ °E., 712
lks.dist., marked T27N R7W S21 BT.

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

Land, nearly level.

Soil, sandy clay loam, 1st and 2nd rate.

Timber, none.

Undergrowth, scattering prickly ash.

Good grass.

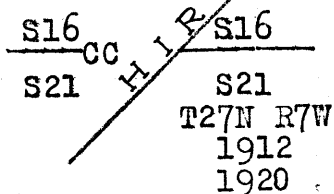
40.00
67.78

East, on a random line, bet. those parts of secs.16 and 21,
situated inside the Reservation.

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

Intersect the closing cor. of those parts of secs.16 and
21 situated outside the Reservation, established in
1912, which is an iron post, 2 ins. in diam., project-
ing 12 ins. above ground, firmly set, properly marked
on brass cap, and witnessed by a mound of stone, E. of
cor. No bearing trees.

This cor. is of record as being established on the H.I.R.
boundary at 12.22 chs., N.89°58'W. from cor. of secs.15,
16, 21 and 22; therefore, the total length of line
between secs.16 and 21 is 67.78 chs.+ 12.22 chs.=
80.00 chs. Change markings on brass cap to read:



This closing cor. now refers to areas on both sides of
the Reservation boundary.

Thence,

West, on true line, bet. those parts of secs.16 and 21,
situated inside the H.I.R.

Over gently rolling land, thru scattering undergrowth.
Descend 30 ft., over SW. slope, to

27.78

(Midpoint on this sec. line, 40.00 chs. west from cor. of

26 Part of Subdivision lines of T. 27 N., R. 7 W. (completion)

Chains.

secs. 15, 16, 21 and 22) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \text{ S } 16 \\ \hline \text{S } 21 \\ 1920 \end{array}$$

from which,

A pine, 24 ins. in diam., brs. N. 30° E., 39 lks. dist., marked $\frac{1}{4}$ S 16 BT.

A juniper, 20 ins. in diam., brs. S. 15 $\frac{1}{2}$ ° W., 115 lks. dist., marked $\frac{1}{4}$ S 21 BT.

Continue over gently rolling land, thru. scattering timber and undergrowth. Desc. very gradually over SW. slope, to

67.65 Center of draw, 30 lks. wide, course S. 10° E. from N. 5° E.
67.78 (80.00 chs. west from cor. of secs. 15, 16, 21 and 22) The cor. of secs. 16, 17, 20 and 21, at W. edge of draw.

Land, gently rolling.

Soil, sandy clay loam, 1st and 2nd rate.

Timber, scattering juniper and pine.

Undergrowth, scattering prickly ash.

Good grass.

N. 0° 3' W., bet. secs. 16 and 17.

Over nearly level land, thru. scattering timber and undergrowth, along W. edge of draw, course S. 10° E. from N. 5° E.

.50 Leave W. edge of draw; ascend slightly over bottom of valley.

8.70 Same draw, 25 lks. wide, course SE. near junction with a draw from NE. ~~Enter small~~

15.00 Leave nearly level bottom of valley, and enter small hills, bearing N. 20° W. and S. 20° E.

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

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S } 17 \text{ | } \text{S } 16 \\ \hline 1920 \end{array}$$

from which,

A pine, 10 ins. in diam., brs. S. 83° W., 247 lks. dist., marked $\frac{1}{4}$ S 17 BT.

and dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

Continue over hills, thru. scattering timber and undergrowth.

50.00 Enter dense timber, bearing NW. and SE.

67.00 Draw, 100 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap,

$$\begin{array}{c} \text{T } 27 \text{ N } \text{ | } \text{R } 7 \text{ W} \\ \hline \text{S } 8 \text{ | } \text{S } 9 \\ \hline \text{S } 17 \text{ | } \text{S } 16 \\ \hline 1920 \end{array}$$

from which,

A pine, 16 ins. in diam., brs. N. 40° E., 27 lks. dist., marked T27N R7W S9 BT.

A pine, 15 ins. in diam., brs. S. 2 $\frac{1}{2}$ ° E., 90 lks. dist., marked T27N R7W S16 BT.

A pine, 6 ins. in diam., brs. S. 56 $\frac{1}{2}$ ° W., 103 lks. dist., marked T27N R7W S17 BT.

A pine, 16 ins. in diam., brs. N. 50° W., 95 lks. dist., marked T27N R7W S8 BT.

Land, nearly level and hilly.

Soil, sandy and gravelly loam, 2nd and 3rd rate.

Part of Subdivision lines of T1 27 N., R. 7 W. (completion). 27

Chains.

Timber, scattering and dense juniper and pine.
Undergrowth, scattering prickly ash.
Fair grass.

East, on a random line, bet. secs. 9 and 16.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 9, 10, 15 and 16.
Thence,
N. $89^{\circ}51'W.$, on a true line, bet. secs. 9 and 16.
Over mountainous land, thru. dense timber and scattering undergrowth. Ascend 25 ft., over NE. slope.
5.30 Spur, slopes NW. Desc. 240 ft., over SW. slope, to
20.00 Foot of descent, brs. NW. and SE. at mouth of canyon from NE. Leave mountainous, and enter nearly level land on bench, bearing NW. and SE.
23.40 Wash, 25 lks. wide, course SE., general course SW. from bottom of canyon. Continue over nearly level bench.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{l} S \ 9 \\ S \ 16 \\ 1920 \end{array}$$

from which,
A pine, 12 ins. in diam., brs. N. $34^{\circ}W.$ 38 lks. dist., marked $\frac{1}{4}$ S 9 BT.
A pine, 12 ins. in diam., brs. S. $33^{\circ}W.$, 22 lks. dist., marked $\frac{1}{4}$ S 16 BT.

Continue over nearly level land on bench, sloping slightly to the SW.
44.10 Draw, 10 lks. wide, course SW.
60.60 Draw, 100 lks. wide, course SW.
70.90 Draw, 50 lks. wide, course S. $15^{\circ}W.$, Leave nearly level bench, and enter hilly land.
80.00 The cor. of secs. 8, 9, 16 and 17.
Land, E. 20 chs. mountainous; W. 9 chs. hilly; remainder, nearly level.
Soil, E. 20 chs., gravelly and rocky, 4th rate; remainder, sandy and gravelly, 1st and 2nd rate
Timber, dense juniper and pine.
Undergrowth, scattering scrub oak and prickly ash.
Good grass in W. 60 chs.

N. $0^{\circ}3'W.$, bet. secs. 8 and 9.
Over hilly land, thru. dense timber and scattering undergrowth. Ascend 30 ft., over SW. slope.
14.00 Descend 15 ft., over NW. slope.
18.50 Center of draw, 2 chs. wide, course SW. at junction with draw from N. Asc. gradually in bottom of draw, course S.
22.50 Leave draw, course S. from NE. Leave hilly, and enter rolling land. Asc. 50 ft., over S. slope.
35.77 Descend 20 ft., over NW. slope, to
40.00 In draw, 150 lks. wide, course SW. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{l} S \ 8 \ | \ S \ 9 \\ 1920 \end{array}$$

from which,

28 Part of Subdivision lines of T.27 N. R.7 W. (completion)

Chains.

- A juniper, 36 ins. in diam., brs. N. 25° E., 38 lks. dist., marked $\frac{1}{4}$ S 9 BT.
- A juniper, 12 ins. in diam., brs. N. 62 $\frac{1}{2}$ ° W., 90 lks. dist., marked $\frac{1}{4}$ S 8 BT.
- Ascend 30 ft. over S. slope.
- 43.54 Small spur, slopes SW. Desc. 30 ft., over NW. slope.
- 49.00 Draw, 100 lks. wide, course SW. Ascend 65 ft., over SW. and W. slopes, to
- 68.00 Descend 45 ft., over NW. slope.
- 74.00 Center of draw, 3 chs. wide, course SW. Asc. 20 ft., over S. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T27N	R7 W
S 5	S 4
S 8	S 9

 1920

from which,

- A pine, 8 ins. in diam., brs. N. 37° E., 31 lks. dist., marked T27N R7W S4 BT.
- A juniper, 14 ins. in diam., brs. S. 30° E., 108 lks. dist., marked T27N R7W S9 BT.
- A pine, 6 ins. in diam., brs. S. 36 $\frac{1}{2}$ ° W., 43 lks. dist., marked T27N R7W S8 BT.
- A pine, 8 ins. in diam., brs. N. 57 $\frac{1}{2}$ ° W., 81 lks. dist., marked T27N R7W S5 BT.

Land, hilly and rolling.
 Soil, sandy loam, 1st rate.
 Timber, dense juniper and pine.
 Undergrowth, scattering scrub oak and prickly ash.
 Good grass.

- 40.00 S. 89° 51' E., on a random line, bet. secs. 4 and 9. Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Fall 9 lks. S. of cor. of secs. 3, 4, 9 and 10. Thence,
- N. 89° 55' W., on a true line, bet. secs. 4 and 9. Over mountainous land, thru. dense timber and undergrowth.
- 9.00 Descend 112 ft., over NW. slope. Gulch, 50 lks. wide, course SW.
- 22.10 Descend 155 ft., over SW. slope, to Leave mountainous, and enter rolling land.
- 40.07 Descend 76 ft., over W. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

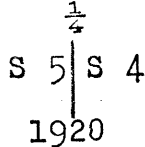
 1920

- from which,
- A juniper, 8 ins. in diam., brs. N. 45° E., 65 lks. dist., marked $\frac{1}{4}$ S 4 BT.
 - A juniper, 8 ins. in diam., brs. S. 70° W., 109 lks. dist., marked $\frac{1}{4}$ S 9 BT.
 - Descend 50 ft., over W. slope.
 - 50.00 Draw, 50 lks. wide, course SW. Asc. 16 ft., over SE. slope.
 - 55.00 Descend 58 ft., over W. slope, to
 - 66.50 Center of draw, 4 chs. wide, course SW. Asc. 25 ft., over SE. slope, to
 - 80.14 The cor. of secs. 4, 5, 8 and 9. Land, mountainous and rolling. Soil, gravelly and rocky, 3rd and 4th rate in E. $\frac{1}{2}$; sandy clay loam, 1st rate in W. $\frac{1}{2}$. Timber, dense juniper and pine. Undergrowth, dense scrub oak and prickly ash. Good grass in W. $\frac{1}{2}$.

Part of Subdivision lines of T. 27 N., R. 7 W. (Completion). 29

Chains.

40.00 N. 0°12'W., on a random line, bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.28 Fall 7 lks. E. of the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., hereinbefore described.
 Thence,
 S. 0°15'E., on a true line, bet. secs. 4 and 5.
 Over gently rolling land, thru. dense timber and undergrowth. Ascend 30 ft., over W. slope.
 15.00 Descend 70 ft., over SW. slope, to
 40.28 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,

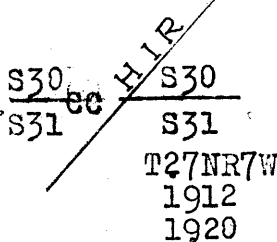
A juniper, 8 ins. in diam., brs. S. 39 $\frac{1}{4}$ °E., 20 lks. dist., marked $\frac{1}{4}$ S 4 BT.
 A pine, 14 ins. in diam., brs. S. 47°W., 100 lks. dist., marked $\frac{1}{4}$ S 5 BT.
 Continue over gently rolling land. Descend 60 ft., over S. slope.
 42.53 A pine, 24 ins. in diam., on line marked with 2 notches on each of N. and S. faces.
 51.40 Draw, 2 chs. wide, course SW. Asc. 40 ft., over NW. slope.
 62.00 Descend 40 ft., over S. slope.
 70.10 Draw, 100 lks. wide, course SW. Ascend 25 ft. over W. slope, to
 80.28 The cor. of secs. 4, 5, 8 and 9.
 Land, gently rolling.
 Soil, sandy clay loam, 1st rate.
 Timber, dense juniper and pine.
 Undergrowth, dense sage brush, scrub oak and prickly ash.
 Good grass.

The closing cor. of those parts of secs. 30 and 31, situated outside the Reservation, established in 1912, is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 3 pits, one each N. 50°E., S. 50°W., and east of cor., and a mound of earth, E. of cor.

No bearing trees.

This closing cor. is of record as being established on the H.I.R. bdy. at 3.66 chs. N. 89°58'W., from the $\frac{1}{4}$ sec. cor. of secs. 30 and 31.

Change markings on brass cap to read:



This closing cor. now refers to areas on both sides of the Reservation boundary.

Thence,
 N. 89°58'W., on a random line, bet. those parts of secs. 30 and 31, situated inside the Reservation.

36.49 (40.15 chs. westing from the $\frac{1}{4}$ sec. cor. of secs. 30 and 31), Fall 18 lks. N. of the cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp., hereinbefore described.

Thence,

N. 89°45'E., on a true line, bet. those parts of secs.

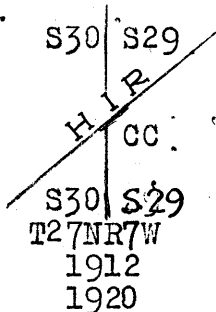
30 Part of Subdivision lines of T.27 N., R. 7 W. (completion)

Chains. 30 and 31 situated inside the Reservation.
 Over gently rolling land, thru scattering timber and undergrowth. Descend slightly over NE slope.
 10.00 Change to E. slope. Leave timber. Descend 35 ft. to
 31.89 Road brs. N. and S. at foot of descent. Road extends southeasterly to Seligman and northwesterly to Pine Springs. Ascend slightly over W. slope, to
 36.49 Intersect the closing cor. of secs. 30 and 31 on the H.I.R. boundary
 Land, gently rolling.
 Soil, gravelly clay loam, 2nd rate.
 Timber, scattering juniper in W. 10 chs. None elsewhere.
 Undergrowth, scattering sage brush.
 Fair grass.

The closing cor. of those parts of secs. 29 and 30, situated outside the Reservation, established in 1912, is an iron post 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 3 pits, one each, N. 50° E., S. 50° W., and S. of cor., and a mound of earth, S. of cor. No bearing trees.

This closing cor. is of record as being established on the H.I.R. boundary, at 36.34 chs., N. 0° 3' W., from the cor. of secs. 29, 30, 31 and 32.

Change markings on the brass cap to read:

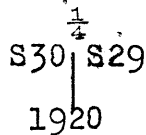


This closing cor. now refers to areas on both sides of the Reservation boundary.

Thence, N. 0° 3' W., bet. those parts of secs. 29 and 30, situated inside the Reservation.

Over level land, thru scattering undergrowth, in bottom of broad valley, bearing N. and S.

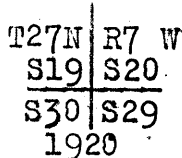
3.66 (40.00 chs. N. 0° 3' W. from cor. of secs. 29, 30, 31 and 32), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

4.23 Road brs. NW. and SE. Extends southeasterly to Seligman and northwesterly to Prospect Valley.

43.66 (80.00 chs. N. 0° 3' W., from cor. of secs. 29, 30, 31 and 32), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,



and dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.
 Land, level.

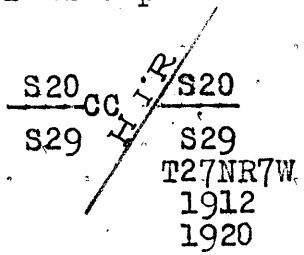
Part of Subdivision lines of T.27 N., R.7 W. (completion)

Chains.

Soil, sandy clay, 1st rate.
 Timber, none.
 Undergrowth, scattering sage brush.
 Good grass.

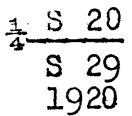
40.00
 52.14

East, on random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the closing cor. of those parts of secs. 20 and 29, situated outside the Reservation, established in 1912, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 3 pits, one each N. 50° E., S. 50° W., and east of cor., and a mound of earth, E. of cor. No bearing trees.
 This closing corner is of record as being established on the H. I. R. boundary at 28.10 chs. N. 89° 58' W. from cor. of secs. 20, 21, 28 and 29; therefore, the total length of sec. line is 52.14 chs. + 28.10 chs. = 80.24 chs.
 Change markings on brass cap to read:



2.44
 12.02

This closing cor. now refers to areas on both sides of the Reservation bdy.
 Thence,
 West, on true line, between those parts of secs. 20 and 29, situated inside the Reservation.
 Over level land, thru. scattering undergrowth, in bottom of broad valley, bearing N. and S.
 Pipe line, brs. N. 10° W. and S. 10° E.
 (Midpoint of sec. line, 40.12 chs. west from cor. of secs. 20, 21, 28 and 29), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



52.14

and dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist.
 (80.24 chs. westing from cor. of secs. 20, 21, 28 and 29) The cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy clay loam, 1st rate.
 Timber, none.
 Undergrowth, scattering prickly ash and sagebrush.
 Good grass.

40.00
 79.98

S. 89° 54' W., on random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{2}$ sec. cor.
 Fall 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp., hereinbefore described.
 Thence,
 N. 89° 53' E., on a true line, bet. secs. 19 and 30.
 Over level land, thru. scattering timber and undergrowth, in bottom of broad valley, bearing N. and S.
 Road brs. N. and S. Extends southeasterly to Seligman and northwesterly to Pine Springs.
 Pipe line, brs. NE. and SW. At 2 chs. SW. of this point, pipe line turns to S. 80° W.

33.08
 36.28

32 Part of Subdivision lines of T.27 N., R.7 W. (completion)

Chains.

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

$\frac{1}{4}$ S 19
S 30
1920

from which,

A juniper, 10 ins. in diam., brs. N. $38\frac{3}{4}^\circ$ W., 108 lks. dist., marked $\frac{1}{4}$ S 19 BT.

A juniper, 8 ins. in diam., brs. S. $82\frac{3}{4}^\circ$ W., 337 lks. dist., marked $\frac{1}{4}$ S 30 BT.

Leave timber.

42.50 Road brs. NW. and SE.

79.98 The cor. of secs. 19, 20, 29 and 30.

Land, level.

Soil, sandy clay loam, 1st rate.

Timber, scattering juniper in W. $\frac{1}{2}$. None in E. $\frac{1}{2}$.

Undergrowth, scattering prickly ash and sage brush.

Good grass.

N. $0^\circ 3'$ W., bet. secs. 19 and 20.

Over level land, thru. scattering undergrowth, in bottom of broad valley, bearing N. and S.

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

$\frac{1}{4}$
S19 | S20
1920

and dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

75.00 Enter scattering timber, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,

T27N | R7 W
S18 | S17
S19 | S20
1920

from which,

A juniper, 12 ins. in diam., brs. N. $35\frac{1}{2}^\circ$ E., 76 lks. dist., marked T27N R7W S17 BT.

A juniper, 10 ins. in diam., brs. S. $3\frac{1}{2}^\circ$ E., 113 lks. dist., marked T27N R7W S20 BT.

A juniper, 9 ins. in diam., brs. S. $29\frac{3}{4}^\circ$ W., 172 lks. dist., marked T27N R7W S19 BT.

A juniper, 11 ins. in diam., brs. N. $15\frac{3}{4}^\circ$ W., 123 lks. dist., marked T27N R7W S18 BT.

Land, level.

Soil, sandy clay loam, 1st rate.

Timber, scattering juniper in N. 5 chs. None elsewhere.

Undergrowth, scattering sage brush.

Good grass.

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

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

80.30 Intersect the cor. of secs. 16, 17, 20 and 21.

Thence,

West, on true line, bet. secs. 17 and 20.

Over level land, thru. scattering undergrowth, in bottom of broad valley, bearing N. and S.

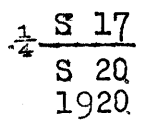
23.30 Draw, 25 lks. wide, course SE.

Part of Subdivision lines of T. 27 N., R. 7 W. (completion). 33

Chains.

40.15

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



and dig pits, 18x18x12 ins., one each E. and W. of cor. 3 ft. dist.

46.20

Pipe line, brs. N. 10° W. and S. 10° E.

80.30

The cor. of secs. 17, 18, 19 and 20.

Land, level.

Soil, sandy clay loam, 1st rate.

Timber, none.

Undergrowth, scattering prickly ash and sage brush.

Good grass.

40.00

S. 89° 53' W., on random line, bet. secs. 18 and 19.

79.90

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

Fall 2 lks. N. of cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., hereinbefore described.

Thence,

N. 89° 52' E., on a true line, bet. secs. 18 and 19.

Over nearly level land, thru. scattering timber and undergrowth, in bottom of broad valley, bearing N. and S. Descend slightly over E. slope, to

33.50

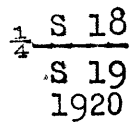
Road brs. N. and S. Extends southeasterly to Seligman and northwesterly to Pine Springs. Leave nearly level, and enter level land.

34.00

Pipe line, brs. NW. and SE.

39.90

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



from which,

A juniper, 12 ins. in diam., brs. N. 39 $\frac{1}{4}$ ° E., 35 lks. dist., marked $\frac{1}{4}$ S 18 BT.

A juniper, 8 ins. in diam., brs. S. 44 $\frac{3}{4}$ ° E., 200 lks. dist., marked $\frac{1}{4}$ S 19 BT.

Continue over level land in bottom of valley, thru. scattering timber and undergrowth.

79.90

The cor. of secs. 17, 18, 19 and 20.

Land, nearly level.

Soil, sandy clay loam, 1st rate.

Timber, scattering juniper.

Undergrowth, scattering sage brush and prickly ash.

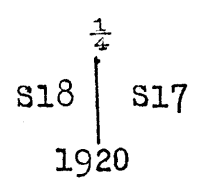
Good grass.

40.00

N. 0° 3' W., bet. secs. 17 and 18.

Over level land, thru. scattering timber and undergrowth, in bottom of broad valley, bearing N. and S.

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



from which,

A juniper, 24 ins. in diam., brs. S. 30 $\frac{3}{4}$ ° E., 230 lks. dist., marked $\frac{1}{4}$ S 17 BT.

34 Part of Subdivision lines of T.27 N., R.7 W. (completion)

Chains.

A juniper, 18 ins. in diam., brs. N. $20\frac{1}{2}^{\circ}$ W., 128 lks. dist., marked $\frac{1}{4}$ S 18 BT.

45.00 Leave timber, brs. E. and W.
 72.00 Draw, 20 lks. wide, course SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,

T27N	R7W
S 7	S. 8
S18	S17

1920

from which,
 A juniper, 16 ins. in diam., brs. N. $3\frac{1}{2}^{\circ}$ E., 230 lks. dist., marked T27N R7W S8 BT.
 A juniper, 18 ins. in diam., brs. N. $5\frac{1}{2}^{\circ}$ W., 225 lks. dist., marked T27N R7W S7 BT.
 and dig pits, 18x18x12 ins., one each SE. and SW. of cor. 3 ft. dist.
 Land, level.
 Soil, sandy clay loam, 1st grade.
 Timber, scattering juniper in S. 45 chs. None in N. 35 chs.
 Undergrowth, scattering prickly ash and sagebrush.
 Good grass.

East, on a random line, bet. secs. 8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.28 Intersect the cor. of secs. 8, 9, 16 and 17.
 Thence,
 West, on true line, bet. secs. 8 and 17.
 Over hilly land, thru. dense timber and scattering undergrowth.
 11.80 Foot of hills, brs. N. 25° E. and S. 25° W. at E. edge of bottom of broad valley, bearing N. and S. Leave hills and timber, and enter level land, continuing thru. scattering undergrowth.
 21.80 Wash, 20 lks. wide, course SE.
 40.14 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

1920

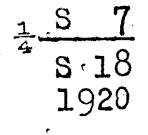
and dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist.
 Continue over level land, in bottom of valley.
 57.07 Wash, 100 lks. wide, 6 ft. deep, course SE.
 70.00 Pipe line and road, brs. NW. and SE.
 76.78 Draw, 30 lks. wide, course SE.
 80.28 The cor. of secs. 7, 8, 17 and 18.
 Land, E. 12 chs., hilly; remainder, level.
 Soil, sandy clay loam, 1st rate, except in E. 12 chs., where it is gravelly, 2nd rate.
 Timber, dense juniper and pine in E. 12 chs. None elsewhere.
 Undergrowth, scattering sagebrush.
 Good grass in W. 68 chs.

S. $89^{\circ}52'$ W., on random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect the cor. of secs. 7, 12, 13 and 18, on the West bdy. of Tp., hereinbefore described.
 Thence,

Part of Subdivision lines of T.27 N., R.7 W. (completion) 35

Chains.

N.89°52' E., on a true line, bet.secs.7 and 18.
 Over nearly level land, thru.dense timber and scattering
 undergrowth, in bottom of broad valley, bearing N.and S.
 Descend slightly over E.slope.
 23.90 Road, brs.N.and S. Extends southeasterly to Seligman, and
 northwesterly to Pine Springs.
 40.00 Set an iron post, 3 ft.long, 1 in. indiam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

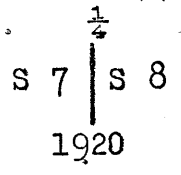


from which,
 A juniper, 12 ins. in diam., brs.S.42 $\frac{1}{2}$ °E., 85 lks.
 dist., marked $\frac{1}{4}$ S 18 BT.
 A juniper, 24 ins. in diam., brs.N.74 $\frac{1}{2}$ °W., 180 lks.
 dist.; marked $\frac{1}{4}$ S 7 BT.

Continue over nearly level land, sloping slightly to the
 east, thru. scattering timber and undergrowth, across
 bottom of valley.
 74.00 Draw, 20 lks.wide, course SE.
 80.00 The cor.of secs.7,8,17 and 18.
 Land, nearly level.
 Soil,sandy clay loam,1st rate.
 Timber, juniper, dense and scattering.
 Undergrowth, scattering prickly ash and scrub juniper.
 Good grass.

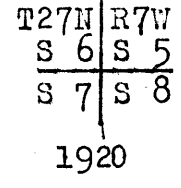
N.0°3'W., bet. secs.7 and 8.
 Over nearly level land, thru. scattering timber and
 undergrowth, in bottom of broad valley, bearing N.and
 S.

2.00 Shallow draw, 10 lks.wide, course SE.
 7.40 Draw, 30 lks.wide, 6 ft. deep, course SE. Leave timber;
 continue thru.scattering undergrowth.
 35.00 Pipe line and road, brs.NW. and SE.
 36.40 Wash,70 lks.wide, 10 ft. deep,course SE.
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins.in
 the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,



and dig pits 18x18x12 ins.,one each N.and S.of post,
 3 ft. dist.
 Continue over nearly level land, thru. scattering under-
 growth.

49.20 Shallow draw, 18 ins. deep, course SE.
 68.50 Shallow draw, 10 lks.wide, 1 ft. deep,course SE.
 78.00 Gully, 10 lks.wide, 16 ft. deep,course SE. from W.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.in
 the ground, for cor.of secs.5,6,7 and 8, marked on
 brass cap,



and dig pits, 18x18x12 ins., one each NE.,SE.,SW.and
 NW. of post, 3 ft. dist.
 Land, nearly level.
 Soil,sandy clay loam, 1st rate.
 Timber, scattering juniper in S.7 $\frac{1}{2}$ chs. None elsewhere.

36 Part of Subdivision lines of T.27 N., R. 7 (W. (completion))

Chains.

Undergrowth, scattering prickly ash and sagebrush.
Good grass.

- East, on a random line, bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.20 Fall 3 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence,
S. $89^{\circ}59'W.$, on a true line, bet. secs. 5 and 8.
Over gently rolling land, thru. dense timber and scattering
undergrowth. Descend 25 ft. over W. slope.
8.30 Shallow draw, 100 lks. wide, course SW. Desc. 50 ft., over
SW. slope, to
25.30 Shallow draw, 200 lks. wide, course SW. Asc. 15 ft., over
S. slope.
31.18 Thence over bench. Desc. 20 ft., over SW. slope, to
40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 5 \\ S 8 \\ 1920 \end{array}$$

from which,

A pine, 10 ins. in diam., brs. N. $45^{\circ}W.$, 32 lks.
dist. marked $\frac{1}{4} S 5$ BT.

A pine, 8 ins. in diam., brs. S. $45^{\circ}W.$, 15 lks.
dist., marked $\frac{1}{4} S 8$ BT.

Continue over gently rolling land, on bench, thru. dense
timber and scattering undergrowth.

Ascend 20 ft., over S. slope.

- 45.80 Descend 50 ft., over SW. slope.
57.00 Draw, 30 lks. wide, course S. from NE. Asc. 25 ft., over
SE. slope.
60.75 Small spur, sloping S. Leave bench. Desc. 50 ft., over
W. slope.
68.71 Foot of descent, brs. N. and S. at E. edge of bottom of
broad valley. Leave gently rolling land and timber,
and enter level land in bottom of valley, continuing
thru. scattering undergrowth.
80.20 The cor. of secs. 5, 6, 7 and 8.
Land, E. $68\frac{3}{4}$ chs. gently rolling; remainder, nearly level.
Soil, in E. $68\frac{3}{4}$ chs., gravelly loam, 3rd rate; remainder,
sandy clay loam, 1st rate.
Timber, dense juniper and pine in E. $68\frac{3}{4}$ chs. None else-
where.
Undergrowth, scattering sagebrush and prickly ash.
Good grass in W. $11\frac{1}{2}$ chs.

- S. $89^{\circ}52'W.$; on a random line, bet. secs. 6 and 7.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.95 Fall 3 lks. S. of the cor. of secs. 1, 6, 7 and 12, on W. bdy.
of Tp., hereinbefore described.
Thence,
N. $89^{\circ}53'E.$, on a true line, bet. secs. 6 and 7.
Over nearly level land, sloping slightly to the E., thru.
scattering timber and undergrowth, in bottom of broad
valley, bearing N. and S.
15.55 Road, brs. N. and S. Extends southeasterly to Seligman, and
northwesterly to Pine Springs. Leave timber.
39.95 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} S 6 \\ \frac{1}{4} S 7 \\ 1920 \end{array}$$

and dig pits, 18x18x12 ins., one each E. and W. of post,
3 ft. dist.

Part of Subdivision lines of T. 27 N. R. 7 W. (completion) 37

Chains. Continue over nearly level land, thru. scattering undergrowth.

40.35 Wash, 30 lks. wide, 12 ft. deep, course SE.

55.45 Wash, 150 lks. wide, 12 ft. deep, course SE.

60.45 Pipe line and road, brs. N. and S.

65.75 Wash, 20 lks. wide, 12 ins. deep, course SE.

70.15 Wash, 25 lks. wide, 18 ins. deep, course SE.

75.45 Gully, 70 lks. wide, 7 ft. deep, course SE. for about 1 ch. thence E.

79.95 The cor. of secs. 5, 6, 7 and 8.
Land, nearly level.
Soil, sandy clay loam, 1st rate.
Timber, scattering juniper and pine in W. 15½ chs. None elsewhere.
Undergrowth, scattering prickly ash and sage brush.
Good grass.

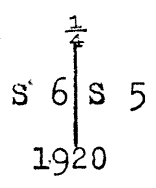
40.00 N. 0° 15' W., on random line, bet. secs. 5 and 6.
Set temp. ¼ sec. cor.

80.23 Fall 19 lks. W. of cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., hereinbefore described.
Thence,
S. 0° 7' E., on a true line, bet. secs. 5 and 6.
Over level land, thru. scattering undergrowth, across basin, known as "Aubrey Flats."

14.90 Wash, 10 lks. wide, course SW. at E. edge of Aubrey Flats, bearing NE. and SW. Leave level, and enter gently rolling SW. slope, from bench.

33.50 Wash, 20 lks. wide, course SW.

40.23 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for ¼ sec. cor., marked on brass cap,



and dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

Continue over gently rolling SW. slope from bench; desc, gradually, to

50.20 Foot of rolling slope from bench, brs. NW. and SE.
Leave gently rolling, and enter nearly level land in bottom of broad valley, bearing N. and S.

80; 23 The cor. of secs. 5, 6, 7 and 8.
Land, level, rolling and nearly level.
Soil, sandy and gravelly, 1st and 3rd rate.
Timber, none.
Undergrowth, scattering sagebrush, prickly ash and broom-weed.
Good grass.

38

Boundaries of that part of T.27 N., R.6 W., situated inside
the Hualpai Indian Reservation.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
North bdy. of Tp.,	West,	34.35				34.35
West bdy. of Tp.,	South,	28.98		28.98		
H.I.R. bdy.	N. 50° E.	44.87	28.84		34.37	
Convergency,						0
<u>Totals,</u>			28.84	28.98	34.37	34.35
				28.84	34.35	
<u>Error in latitude,</u>			0.14			
<u>Error in departure,</u>					0.02	

Boundaries of that part of T.27 N., R.7 W., situated inside
the Hualpai Indian Reservation.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
E. bdy. of Tp.,	North,	28.98	28.98			
North bdy. of Tp.,	West,	479.77				479.77
West bdy. of Tp.,	South,	430.66		430.66		
H.I.R. boundary,	N. 50° 10' E.	50.45	32.32		38.74	
	N. 49° 59' E.	41.30	26.56		31.63	
	N. 50° E.	533.96	343.22		409.04	
Convergency,						.25
<u>Totals,</u>			431.08	430.66	479.41	480.02
			430.66			479.41
<u>Error in latitude,</u>			0.42			
<u>Error in departure,</u>					0.61	

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests described in Book "B" of this group.

General Description.

The portion of this township surveyed as described in the foregoing notes lies entirely within the Hualpai Indian Reservation, and comprises about one half of the total area of the township.

The west two ranges of sections are in a broad valley, bearing N. and S., draining S., known as Aubrey Valley, where the surface is level, nearly level, and gently rolling, and the soil mostly a sandy and gravelly loam, 1st rate.

The two central ranges of sections have a rolling and mountainous surface, where the soil varies from sandy, 1st rate to rocky, 4th rate.

The surface in the east two ranges of sections varies from level to rolling, and the soil of such portion varies from sandy, 1st rate, to gravelly, 3rd rate.

About half of the area of the two west ranges of sections is devoid of timber, and there are small tracts in the northeastern part, which are bare of timber; elsewhere, there is juniper, cedar and pine in dense and scattering growths.

The undergrowth, consisting of prickly ash, scrub oak, and sage brush, is scattering in all sections, except in the two central ranges of sections, where about half the area is covered with a dense growth of the same varieties of brush.

Good grass prevails over the greater part of the west half, and in the northeastern part, the grass is fair. Elsewhere, there is no grass.

There are no indications of valuable mineral deposits, and no permanent running water exists in this part of the township.

There are no settlers, and the only improvement consists of two water pipe lines, and a road in the western part, the road extending northwesterly to Pine Springs, and southeasterly to Seligman.

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BOOK 3528

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Kenneth W. Bond, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 107, Arizona, bearing date of the 25th day of February, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of T.27 N. R.7 W.

of the Gila and Salt River, Base & Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said 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 107, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place, Denver, Colorado. Date, February 23, 1921.

Kenneth W. Bond, U.S. Transitman. U.S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by under his special instructions dated 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

U. S. Surveyor General.

CERTIFICATE OF UNITED STATES TRANSITMAN

I, James H. Finley, U. S. Transitman,, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 107, Arizona, bearing date of the 25th day of February, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the West boundary of Township 27 North, Range 7 West,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said 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 107, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place Altaville, California
Date Nov. 24, 1922

James H. Finley
U S Transitman

~~APPROVAL.~~

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

~~The foregoing field notes of the survey of _____, 191____
executed by _____
under his special instructions dated _____, 191____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

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

U. S. Surveyor General.~~

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BOOK 3528

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Quintin Campbell, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 107, Arizona,

bearing date of the 25th day of February, 1920, I have well, faithfully, and truly

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

Township 27 North, Range 6 West,

and the North boundary, and Subdivision lines of

Township 27 North, Range 7 West,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof

the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said 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 107, Arizona,

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

Place Phoenix, Ariz
Date March 31-1922

Quintin Campbell
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 13, 1923.

The foregoing field notes of the survey of part of the North boundary of

Township 27 North, Range 6 West,

part of the East and West boundaries, all of the North boundary, and part (completion) of the Subdivision lines of

Township 27 North, Range 7 West,

of the Gila and Salt River Base and Meridian
in the State of Arizona

executed by Quintin Campbell, U. S. Surveyor, and James H. Finley, and Kenneth W. Bond, U. S. Transitman, under special instructions dated Feb. 25, 1920, for Group 107, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. Frost
U. S. Surveyor General.

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

~~U. S. Surveyor General.~~