

BOOK 4489
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Independent Resurvey of the East Boundary,

Dependent Resurvey of the South Boundary of Section 32,

Township 6 South, Range 28 East;

Dependent Resurvey of a Portion of the First Standard Parallel South,

through Ranges 27 and 28 East;

and the

Dependent Resurvey and Survey

of a

Portion of the Subdivisional Lines

of

Township 6 South, Range 28 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Horace G. Parker, Cartographer Cadastral

Under special instructions dated November 16, 1954, which provided
for the surveys included under Group No. 299, approved November 16, 1954
and assignment instructions dated December 16, 1954.

Survey commenced January 24, 1955

Survey completed April 8, 1955

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BOOK 4489

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Township 6 South, Range 28 East

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Dependent Resurvey of a Portion of the 1st Stan. Par. S., through Rs. 27 and 28 E., Independent Resurvey of the E. Bdy.; Dependent Resurvey of a Portion of the S. Bdy. and Subdivisional Lines; and Survey of a Portion of the Subdivisional Lines, T. 6 S., R. 28 E.

Chains

The north boundary of this township (1st Standard Parallel South) and the south, east, and west boundaries were surveyed by Philip Contzen, U. S. Deputy Surveyor, in 1895, and these surveys are recorded on the plat approved January 23, 1897, on file in the Bureau of Land Management. The south boundary and south half mile of the west boundary were resurveyed by C. E. Hunter in 1931, and these surveys are recorded on the plat approved April 2, 1932, on file in the Bureau of Land Management. The east half mile of the south boundary of sec. 36, T. 5 S., R. 28 E., was resurveyed by William B. Kimmel, and this survey is recorded on the plat approved June 19, 1915, on file in the Bureau of Land Management. The east half mile of the south boundary of sec. 31 and the west half mile of the south boundary of sec. 32, T. 5 S., R. 28 E., were resurveyed and the subdivisional lines of sec. 5 were surveyed by Ty White in 1947, and these surveys are recorded on the plat approved September 27, 1948, on file in the Bureau of Land Management. Secs. 7 and 31 were surveyed by Philip Contzen in 1895, and these surveys are recorded on the plat approved January 23, 1897, on file in the Bureau of Land Management.

The following field notes are those of the independent resurvey of the east boundary, dependent resurvey of the south boundary of sec. 32, T. 6 S., R. 28 E.; the dependent resurvey of a portion of the 1st Stan. Par. S., west half of the south boundary of sec. 31, T. 5 S., R. 28 E. and east half of the south boundary of sec. 36, T. 5 S., R. 27 E.; and dependent resurvey and survey of a portion of the subdivisional lines of T. 6 S., R. 28 E. deemed sufficient in extent to facilitate development of the natural resources, and marks the boundaries of those sections that normally are considered State School sections.

In the execution of the survey of the east boundary of T. 6 S., R. 28 E., I destroyed all corners set by Philip Contzen in his survey in 1895, in compliance with my special instructions dated November 16, 1954.

The survey was initiated upon the official request by the Arizona State Land Department, Phoenix, Arizona.

The survey was executed with a Gurley transit, serial No. 49657. It is the property of the Bureau of Land Management and conforms to the standard instrumental specifications thereof. The horizontal circle has two double opposite verniers reading to single minutes and the vertical circle has one double opposite vernier reading to single minutes. The instrument is in good condition and having been placed in satisfactory adjustment prior to beginning the survey is tested and found free from appreciable error. Azimuths of all lines were taken from the azimuths of the U. S. C. & G. S. triangulation station Guthrie and the U. S. Soil Erosion Service triangulation stations Sol BM-40 and G-18 and supplemented by direct solar observations from time to time as the survey progressed. The measurements were made with a Lufkin steel tape 5 chains in length graduated in tenths for the first 10 links, at link intervals for the next 90 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a 1 chain standard steel tape and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment. The horizontal equivalents are entered in this field note record.

The length of all lines were determined by chaining where possible, otherwise by traverse or triangulation. The details of such traverse or triangulation have been thoroughly verified, and in order to simplify the record, the diagrams and reductions are omitted from this field note record.

Chains

Corners on the east-west lines were set on the direct latitudinal curve. Lines connecting previously established corners are run by the random and true method, but the random lines are omitted from this field note record except where needed to show the detail of an offset, or other technical operation.

The computed geographic position of the SE. corner of the township is latitude $32^{\circ} 51' 24''$ N. and longitude $109^{\circ} 24' 41''$ W. The mean magnetic declination is $12^{\circ} 40'$ E.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

From the SE. cor. of T. 6 S., R. 28 E., monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

North, along the E. bdy. of sec. 36.

Over rolling land, through scattering undergrowth; asc. 9 ft. over S. slope.

1.00 Top of ascent, slopes W.

1.70 Hillside wash, 25 lks. wide, 10 ft. deep, drains SW.

6.80 The closing cor. of sec. 31, T. 6 S., R. 29 E., monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

9.00 Begin descent, desc. 34 ft. over N. slope.

13.50 Wash, 5 lks. wide, 2 ft. deep, drains W.; asc. 53 ft. over S. slope.

20.50 Top of spur from ridge, slopes SW.; desc. 63 ft. over N. slope.

22.10 Wash, 35 lks. wide, 10 ft. deep, drains W. Continue over nearly level land, along W. slope.

33.91 Wash, 80 lks. wide, 7 ft. deep, drains W.

40.90 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, Ts. 6 S., Rs. 28 and 29 E., monumented with a malpais stone, 10x12x6 ins. above ground, firmly set, marked and witnessed as described in the official record.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$

S 36 |

1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
I destroy all evidence of the original corner.

Continue over heavily rolling land; asc. 322 ft. over S. slope.

56.84 Top of ridge, bears E. and W.; desc. 172 ft. over N. slope.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains

- 66.05 Wash, 25 lks. wide, 4 ft. deep, drains W.; asc. 145 ft. over S. slope.
- 77.62 Fence, bears E. and W.
- 79.81 Fall 1 link W. of the original corner of secs. 25, 30, 31 and 36, Ts. 6 S., Rs. 28 and 29 E., monumented with a malpais stone, 10x12x5 ins. above ground, firmly set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.
- 80.00 Point for the cor. of secs. 25 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkt.
- | |
|--------|
| T 6 S |
| R 28 E |
| S 25 |
| S 36 |
- 1955
- raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.
- Land, south-half, rolling; north-half, rough mountainous.
Soil, volcanic formation, 4th rate.
No timber.
Undergrowth, scattering chaparral and cacti.
-
- North, along the E. bdy. of sec. 25.
- Over rough mountainous land, through scattering undergrowth; desc. 136 ft. over N. slope.
- 12.90 Wash, 20 lks. wide, 4 ft. deep, drains W.; asc. 246 ft. over S. slope.
- 30.80 Top of spur from ridge, slopes W.; desc. 111 ft. over N. slope to corner.
- 39.61 Fall 4 lks. W. of the original ¼ sec. cor., monumented with a malpais stone, 10x6x6 ins. above ground, firmly set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.
- 40.00 Point for the ¼ sec. cor. of sec. 25.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkt.
- | |
|------|
| ¼ |
| S 25 |
- 1955
- raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.
- Continue over mountainous land; desc. 183 ft. over N. slope.
- 55.72 Wash, 15 lks. wide, 1½ ft. deep, drains NE. Continue descent, desc. 61 ft. over E. slope.
- 64.69 Same wash, 30 lks. wide, 6 ft. deep, drains NW.; asc. 16 ft. over W. slope.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains

- 66.00 A stock water reservoir, approximately 2 chs. diam., bears N., 3 chs. dist.
- 68.57 Wash, 15 lks. wide, 4 ft. deep, drains SW.; asc. 128 ft. over S. slope.
- 76.40 Graded road, bears E. and W.
- 79.91 Fall 6 lks. N. of the original corner of secs. 19, 24, 25 and 30, Ts. 6 S., Rs. 28 and 29 E., monumented with a malpais rock in place, 36x18x12 ins. above ground, set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.
- 80.00 Point for the cor. of secs. 24 and 25.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mid.

T 6 S
R 28 E
S 24 |
S 25 |
1955

raise a mound of stone, 4 ft. base, 2½ ft. high, N. of corner.

Land, rough mountainous.

Soil, volcanic, 4th rate.

No timber.

Undergrowth, scattering chaparral and cacti.

North, along the E. bdy. of sec. 24.

Over mountainous land, through scattering undergrowth.

- 1.00 Top of spur from ridge, slopes W.; desc. 165 ft. over steep N. slope.
- 10.43 Wash, 30 lks. wide, 4 ft. deep, drains W.; asc. 127 ft. over S. slope.
- 17.58 Top of spur from ridge, slopes SW.; desc. 40 ft. over N. slope.
- 24.80 Wash, 40 lks. wide, 6 ft. deep, drains W.; asc. 163 ft. over S. slope.
- 39.81 Fall 1 link W. of the original ¼ sec. cor. of secs. 19 and 24, monumented with a malpais stone, 10x12x4 ins. above ground, firmly set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.
- 40.00 Point for the ¼ sec. cor. of sec. 24.
- Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mid.

¼
S 24 |
1955

raise a mound of stone, 4 ft. base, 2½ ft. high, N. of corner.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains

Continue ascent, asc. 53 ft. over S. slope.

47.15 Top of ridge, bears E. and W.; desc. 157 ft. over N. slope.

57.26 Wash, 30 lks. wide, 10 ft. deep, drains WNW.; asc. 57 ft. over S. slope.

64.32 Top of spur from ridge, slopes NW.; desc. 119 ft. over broken malpais ledges.

72.05 Wash, 30 lks. wide, 7 ft. deep, drains NW.; asc. 11 ft. over S. slope.

76.79 Fall 2 lks. W. of the original witness corner of secs. 13, 18, 19 and 24, monumented with a malpais stone, 10x8x6 ins. above ground, firmly set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.

Point selected for the witness corner of secs. 13 and 24, on S. slope near the top of a low spur.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 6 S
R 28 E
S 13 |
S 24 |
1955

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

77.22 Top of spur from ridge, slopes W.; desc. 116 ft. over abrupt N. slope.

80.00 Point for the cor. of secs. 13 and 24 falls on steep N. slope of rocky spur, deemed unsafe for corner.

Land, mountainous.
Soil, gravelly and stony, volcanic, 4th rate.
No timber.
Undergrowth, ocotillo, chaparral and cacti.

North, along the E. bdy. of sec. 13.

Over mountainous land, through scattering undergrowth; desc. 124 ft. over abrupt N. slope.

3.70 Wash, 150 lks. wide, 20 ft. deep, drains NWN.

6.73 Same wash, 150 lks. wide, 20 ft. deep, drains N.

11.93 Same wash, 150 lks. wide, 20 ft. deep, drains W.; asc. 268 ft. over S. slope.

25.13 Top of spur from ridge, slopes W.; desc. 27 ft. over N. slope.

30.00 Wash, 40 lks. wide, 6 ft. deep, drains W.; asc. 146 ft. over S. slope.

40.00 Point for the ¼ sec. cor. of sec. 13.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains

$\frac{1}{4}$
 E 13 |
 1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Continue over mountainous land; asc. 9 ft. over ESW. slope.

40.22 Fall 1 link E. of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, monumented with malpais stone, 14x12x8 ins. above ground, finally set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.

41.95 Top of spur from ridge, slopes NNW.; desc. 194 ft. over ENE. slope.

72.21 Wash, 30 lks. wide, 7 ft. deep, drains NNW.; asc. 99 ft. over steep rocky S. slope.

80.00 Point for the cor. of secs. 12 and 13.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

T 6 S
 R 28 E
 S 12 |
 S 13 |
 1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Land, mountainous.

Soil, gravelly and rocky.

No timber.

Undergrowth, ocotillo, mesquite, cacti and setol.

North, along the E. bdy. of sec. 12.

Over mountainous land, through scattering undergrowth.

Continue ascent; asc. 28 ft. over S. slope.

.19 Fall 3 lks. E. of the original cor. of secs. 7, 12, 13 and 18, monumented with a malpais stone, 10x10x6 ins. above ground, finally set, marked and witnessed as described in the official record. I destroy all evidence of the original corner monument.

2.00 Top of spur from ridge, slopes W.; desc. 297 ft. over N. slope.

18.00 Wash, 30 lks. wide, 6 ft. deep, drains SW.; asc. 46 ft. over S. slope.

20.30 End of spur from ridge, slopes W.; desc. 122 ft. over N. slope.

26.50 Wash, 50 lks. wide, 10 ft. deep, drains NW. 1 chain, thence W.; asc. 250 ft. over steep rocky S. slope.

35.20 Top of spur from ridge, slopes W.; desc. 11 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 12. There is no remaining evidence of the original corner of secs. 7 and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains	$\frac{1}{4}$ S 12 1955
	raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.
	Continue over mountainous land.
45.00	Begin ascent; asc. 33 ft. over S. slope.
45.90	Fence, 4 strand barbed wire, bears E. and W. Top of spur from ridge, slopes WNW.
51.28	Point selected for the witness point on the E. bdy. of sec. 12. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.
	T 6 S. R 28 E W P S 12 1955
	raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.
51.48	S. end of triangulation; continue by triangulation over inaccessible mountainous land.
54.50	Canyon rim on S. side of Gila River, bears N. 35° W. and S. 70° E.; desc. over conglomerate cliffs approximately 500 ft. high, and steep N. slope, inaccessible.
80.00	Point for the corner of secs. 1 and 12, inaccessible, not monumented. There is no remaining evidence of the original corner. Land, mountainous. Soil, gravelly and rocky. No timber. Undergrowth, ocotillo, cacti, mesquite and sotol.
	North, along the E. bdy. of sec. 1.
	Continue descent over steep inaccessible N. slope. Continue by triangulation.
19.00	Bottom of descent, bears E. and W. Enter Gila River bottom.
23.90	Center of Gila River, 130 lks. wide, flows SW.
28.10	Gila River, 120 lks. wide, flows SSE.
29.00	Begin ascent, asc. along gradual SSW. slope of toe of spur.
33.70	Top of ascent, slopes WSW.; desc. 103 ft. over abrupt N. slope.
40.00	Point for the ¼ sec. cor. of sec. 1. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.
	$\frac{1}{4}$ S 1 1955

Independent Resurvey of the East Boundary of T. 6 S., R. 28 E.

Chains

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

The true point for the original ¼ sec. cor. of secs. 1 and 6 established by the 1895 survey falls in an area which is subject to overflow. A diligent search was made to locate the witness ¼ sec. cor. of secs. 1 and 6, but there is no remaining evidence of the original corner.

- 41.00 Bottom of descent; enter Gila River bottom, edge bears ENE. and
WSW. Enter dense willow and mesquite undergrowth.
- 42.10 Left bank of Gila River, bears ENE. and WSW.
- 42.70 Center of Gila River, 4 ft. deep, flows WSW.
- 43.40 Right bank of Gila River, bears ENE. and WSW.
- 48.50 Leave dense willow and mesquite undergrowth, edge bears NE. and
SW. Begin ascent; asc. 85 ft. over E. slope.
- 52.50 Continue ascent, asc. 265 ft. over SE. slope.
- 71.17 Top of spur from ridge, slopes E.; desc. 100 ft. over N. slope.
- 79.22 Intersect the 1st Standard Parallel South. Point for the closing
corner of sec. 1, T. 6 S., R. 28 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the
ground to solid rock, and in a mound of stone to top, with
brass cap mkd.

T5S R28E

S36

S1

T6S

R28E

R28E

G C

1955

raise a mound of stone, 4 ft. base, 2½ ft. high, S. of corner.

From this point, the standard ¼ sec. cor. of sec. 36, T. 5 S.,
R. 28 E., monumented with a malpais stone in place, 18x14x12 ins.
above ground, firmly set, marked and witnessed as described in
the official record, bears N. 89° 52' W. chs. dist.

From this same point, the standard corner of Ts. 5 S., Rs. 28 and
29 E., monumented with an iron post, firmly set, marked and witnessed as described in the official
record, bears N. 89° 52' W. chs. dist.

There is no remaining evidence of the original corner of Ts. 6 S.,
Rs. 28 and 29 E.

Land, rough mountainous.

Soil, gravelly and rocky.

No timber.

Undergrowth, willow, mesquite, ocotillo and cacti.

Dependent Resurvey of the S. Bdy. of Sec. 32, T. 6 S., R. 28 E.

From the true point for the reestablished corner of secs. 32
and 33, on the S. bdy. of the township, which falls in a rocky
gulch, course S. 80° W., not monumented.

N, 89° 55' W., on a true line on the S. bdy. of the east half
of sec. 32.

Dependent Resurvey of the South Boundary of Sec. 32, T. 6 S., R. 28 E.

Chains

- Over SW. slope, through scattering undergrowth, descending 47 ft. along SW. slope.
- 7.30 Draw, course S. 60° W.; asc. 96 ft. along S. slope.
- 21.80 Top of spur from ridge, slopes S. 40° W.; desc. 63 ft. along NW. slope.
- 30.90 Draw, course S. 70° W.; asc. 29 ft. along SE. slope.
- 38.88 The $\frac{1}{4}$ sec. cor. of sec. 32, monumented with an iron post, 1 in. diam., with original $\frac{1}{4}$ sec. cor. firmly set alongside, marked and witnessed as described in the official record.
- Rebuild old mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, to the N. of the iron post.
- Thence West, on true line on west half of S. bdy. of sec. 32, beginning new measurement.
- Over rolling land, through scattering undergrowth.
- 11.30 Wash, 20 lks. wide, 2 ft. deep, drains N. 80° W.; asc. 15 ft. over NE. slope.
- 15.70 Top of ascent, slope changes to NW.; desc. 63 ft. over NW. slope.
- 19.20 Wash, 20 lks. wide, 3 ft. deep, drains S. 28° W.; asc. 82 ft. over SE. slope.
- 27.10 Top of spur from ridge, slopes S. 20° W.; desc. 81 ft. over NNW. slope.
- 40.09 The cor. of secs. 31 and 32, monumented with an iron post, 2 ins. diam., firmly set with original corner alongside, marked and witnessed as described in the official record. I rebuild a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of corner.
- Land, rolling.
Soil, gravelly loam, 3rd rate.
No timber.
Undergrowth, greasewood, mesquite and cacti.

Dependent Resurvey of a Portion of the 1st Stan. Par. South

- From the true point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, T. 5 S., R. 28 E. This point falls on steep wall of Bonita Creek Canyon, and is not monumented.
- S. 89° 55' W., along the S. bdy. of sec. 31.
- Over mountainous land, through scattering timber; desc. 100 ft. over steep SW. slope.
- 1.70 Center of Bonita Creek, 1 ch. wide, 10 ins. deep, flows SE.
- 3.00 The witness $\frac{1}{4}$ sec. cor. of sec. 31, T. 5 S., R. 28 E., monumented with a malpais stone, 16x14x8 ins. above ground, firmly set, marked and witnessed as described in the official record.
- 3.80 Leave scattering timber; begin ascent, asc. 84 ft. over abrupt E. slope.

Dependent Resurvey of a Portion of the 1st Stan. Par. S., Through Ts. 27 & 28 E.

Chains	
6.00	Top of spur from ridge, slopes NE. Continue ascent, asc. 45 ft. over broken N. slope on S. side of Bonita Creek which flows E., approximately 5 chs. north of line.
20.75	Top of ascent, slopes N.; desc. 17 ft. over NW. slope.
25.70	Small wash, 5 lks. wide, 2 ft. deep, drains NE.; asc. 128 ft. over E. slope.
38.12	The standard cor. of Ts. 5 S., Rs. 27 and 28 E., monumented with a malpais stone, 15x14x8 ins. above ground, firmly set, marked and witnessed as described in the official record.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 6. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<hr style="width: 10%; margin: auto;"/> $\frac{1}{4}$ S 6 1955
	raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, S. of corner.
	Continue over rolling mountainous land, through scattering undergrowth.
42.70	Wash, 30 lks. wide, 10 ft. deep, drains NE.; asc. 70 ft. over SSE. slope.
48.12	Top of spur from ridge, slopes N. Continue over top of spur sloping N.
52.92	Wash, 30 lks. wide, 10 ft. deep, drains NE.; asc. 214 ft. over ENE. slope.
76.25	Top of ridge, bears N. 80° W. and S. 70° E.
77.30	Road, bears NNW. and ESE.
77.52	The closing cor. of Ts. 6 S., Rs. 27 and 28 E., monumented with a malpais stone, 18x14x10 ins. above ground, firmly set, marked and witnessed as described in the official record. At the corner point. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

T6S R28E

S36

S1	S6
R27E	R28E

T6S

C C

1955

Dependant Resurvey of a Portion of the 1st Stan. Par. S.

Chains

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, S. of corner.
Bury the original corner stone alongside the iron post.

From this point, the standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 5 S.,
R. 27 E., monumented with a malpais stone, 14x10x8 ins. above
ground, firmly set, marked and witnessed as described in the
official record, bears W., 20 lks. dist.

Land, mountainous.

Soil, gravelly and rocky.

Timber, scattering mesquite and sycamore.

Undergrowth, ocotillo and cacti.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Beginning the subdivisional survey at the corner of secs. 35
and 36, on the S. bdy. of the township, monumented with an
iron post, 2 ins. diam., firmly set, marked and witnessed as
described in the official record.

N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

5.00 Wash, 20 lks. wide; 4 ft. deep, drains SW.; asc. 31 ft. over
SE. slope.

10.00 Top of low spur from ridge, slopes SW.; desc. 12 ft. over a
gradual N. slope.

25.00 Wash, 60 lks. wide, 6 ft. deep, drains SW.; asc. 14 ft. over
gradual SE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the
ground, with brass cap mkd.

$\frac{1}{4}$

S 35 | S 36

1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Continue over rolling land, through scattering undergrowth;
asc. 12 ft. over SE. slope.

42.50 Hillside wash, 30 lks. wide, 4 ft. deep, drains SE.; continue
ascent, asc. 18 ft. over ESE. slope.

55.68 Hillside wash, 20 lks. wide, 4 ft. deep, drains SE.; asc. 45
ft. over S. slope.

63.57 Road, bears NW. and SE.

72.40 Wash, 30 lks. wide, 10 ft. deep, drains SW.; asc. 47 ft. over
SE. slope.

79.44 Fence, 4 strand barbed wire, bears E. and W.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the
ground, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

	<p>T 6 S. R 28 E</p> <table border="1"> <tr> <td>S 26</td> <td>S 25</td> </tr> <tr> <td>S 35</td> <td>S 36</td> </tr> </table> <p>1955</p> <p>raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.</p> <p>Land, rolling. Soil, sandy and gravelly, rocky. No timber. Undergrowth, scattering sagebrush, ocotillo, sotol, mesquite, and chaparral.</p>	S 26	S 25	S 35	S 36
S 26	S 25				
S 35	S 36				
	<p>From the cor. of secs. 25 and 36, on the E. bdy. of the Tp., hereinafter described.</p> <p>N. 89° 54' W., bet. secs. 25 and 36.</p> <p>Over rolling rocky land, through scattering undergrowth; desc. 182 ft. over W. slope.</p>				
18.36	Wash, 30 lks. wide, 7 ft. deep, drains NW.; asc. 64 ft. over NE. slope.				
28.00	Top of spur from ridge, slopes SW.; desc. 70 ft. over W. slope.				
40.11	Point for the ¼ sec. cor. of secs. 25 and 36.				
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkt.</p> <table border="1"> <tr> <td>¼ S 25</td> </tr> <tr> <td>¼ S 36</td> </tr> </table> <p>1955</p> <p>raise a mound of stone, 4 ft. base, 2½ ft. high, N. of corner.</p> <p>Continue over rolling land, through scattering undergrowth.</p>	¼ S 25	¼ S 36		
¼ S 25					
¼ S 36					
48.06	Wash, 15 lks. wide, 4 ft. deep, drains S.; asc. 78 ft. over E. slope.				
60.10	Top of flat spur from ridge, slopes SW.; desc. 175 ft. over NNW. slope.				
80.22	<p>The cor. of secs. 25, 26, 35 and 36.</p> <p>Land, rolling. Soil, sandy, gravelly and rocky, 4th rate. No timber. Undergrowth, ocotillo, mesquite, chaparral and cacti.</p>				
	<p>From the true point for the cor. of secs. 32 and 33, on the S. bdy. of the township, not monumented.</p> <p>N. 0° 02' W., bet. secs. 32 and 33.</p> <p>Over heavily rolling land, through scattering undergrowth; asc. 41 ft. over S. slope.</p>				
1.70	Top of small spur from ridge, slopes WSW.				
4.59	Wash, 15 lks. wide, 3 ft. deep, drains W.; continue ascent, asc. 21 ft. over S. slope.				

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains	
13.11	Top of spur from ridge, slopes NW.; desc. 167 ft. over N. slope.
19.55	Fork of graded roads, roads bear NE. and SW., and SE.
30.00	Wash, 75 lks. wide, 7 ft. deep, drains W.; asc. 52 ft. over S. slope.
34.84	Same road, bears NW. and SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ S 32 S 33 1955 raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Continue over gently rolling land, through scattering undergrowth.
41.00	Top of low spur from ridge, slopes NW.
44.10	Wash, 10 lks. wide, 2 ft. deep, drains NW.
54.50	Top of low spur from ridge, slopes W.; desc. 34 ft. over gradual NE. slope.
58.60	Wash, 30 lks. wide, 4 ft. deep, drains W.; asc. 31 ft. over S. slope.
61.72	Top of small spur from ridge, slopes W.; desc. 34 ft. over NE. slope.
67.69	Same road, bears E. and W.
67.80	Wash, 70 lks. wide, 4 ft. deep, drains NW.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. T 6 S R 28 E S 29 S 28 S 32 S 33 1955 raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Land, south-half, rolling; north-half, gently rolling. Soil, gravelly and rocky, 4th rate. No timber. Undergrowth, sagebrush, cootille, mesquite, chaparral, and cacti.
	N. 0 ² 02' W., bet. secs. 28 and 29. Over rolling land, through scattering undergrowth; desc. 40 ft. over N. slope.
3.10	Wash, 30 lks. wide, 5 ft. deep, drains NW.; asc. 29 ft. over S. slope.
7.76	Road, bears NW. and SE.
14.94	Top of spur from ridge, slopes W.; desc. 19 ft. over N. slope.
20.93	Wash, 25 lks. wide, 7 ft. deep, drains W.; asc. 49 ft. over S. slope.
35.49	Top of spur from ridge, slopes W.; desc. 65 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

	<p style="text-align: center;"> $\frac{1}{4}$ S 29 S 28 1955 raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Continue over rolling land, through scattering undergrowth; continue descent; desc. 208 ft. over N. slope. </p>
52.90	Read, bears NE. and SW.
67.50	Perpendicular conglomerate cliff, approximately 80 ft. high, edge bears E. and W.
68.70	Enter bottom land, edge bears E. and W.
69.26	Left bank of Gila River, bears E. and W.
70.00	Center of Gila River; 4 ft. deep, flows W.
70.75	Right bank of Gila River, bears E. and W. Enter dense mesquite thicket.
71.50	Woven wire fence, bears E. and W.
74.50	Ruins of old adobe house, bears W., 2 chs. dist.
78.25	Wash, 100 lks. wide, 12 ft. deep, drains SSE.; asc. 21 ft. along W. slope to corner. Leave mesquite thicket, edge bears E. and W.
80.00	True point for the cor. of secs. 20, 21, 28 and 29 falls near the N. edge of a large wash. Deemed unsafe for corner, not monumented.
	Land, rolling. Soil, gravelly and rocky, 4th rate. No timber: Undergrowth, mesquite, ocotillo, chaparral and cacti.
	N. $0^{\circ} 02'$ W., bet. secs. 20 and 21. Over rolling land, through scattering undergrowth; asc. 24 ft. along W. slope.
.50	Point for the witness cor. of secs. 20, 21, 28 and 29. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.
	<p style="text-align: center;"> T 6 S T 28 E S 20 S 21 S 29 S 28 W C 1955 </p>
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner:
1.50	Top of ascent, slopes W.; desc. 17 ft. over NNW. slope.
6.03	Road, bears NE. and SW.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

- 6.50 Begin ascent, asc. 34 ft. along W. slope.
- 11.75 Hillside wash, 40 lks. wide, 6 ft. deep, drains SW.; continue ascent, asc. 141 ft. along W. slope of spur.
- 23.50 Top of spur from ridge, slopes SSE.; desc. 52 ft. over WNW. slope.
- 37.90 Wash, 50 lks. wide, 10 ft. deep, drains SW.
- 39.95 Same wash, 50 lks. wide, 10 ft. deep, drains SE.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21 falls in deep wash and is deemed unsafe for corner.
- 41.30 Point for the witness $\frac{1}{4}$ sec. cor. of secs. 20 and 21.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock; and in a mound of stone to top, with brass cap mkd.

 $\frac{1}{4}$ S 20 \downarrow S 21

W.C.

1955

- raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.
- Continue over rolling land, through scattering undergrowth; asc. 69 ft. over S. slope.
- 53.84 Top of spur from ridge, slopes SW.; desc. 92 ft. over NNE. slope.
- 66.60 Wash, 150 lks. wide, 20 ft. deep, drains SW.
- 80.00 Point for the cor. of secs. 16, 17, 20 and 21.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T6S R28E

S 17 | S 16

S 20 | S 21

1955

- raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.
- Land, rolling.
Soil, gravelly and rocky, 4th rate.
No timber.
Undergrowth, chaparral, ocotillo and cacti.

- N. $0^{\circ} 02'$ W., bet. secs. 16 and 17.
- Over rolling land, through scattering undergrowth.
- 12.30 Wash, 150 lks. wide, 20 ft. deep, drains SE.; asc. 122 ft. along S. slope of spur.
- 36.12 Road, bears NW. and SE. Top of main spur, slopes SE.; desc. 69 ft. over N. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkl.

S 17 | S 16
1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Continue over rolling land; desc. 107 ft. over N. slope.

44.70 Bottom of descent; begin ascent, asc. 30 ft. along SE. slope.

46.57 Top of ascent, slopes E.

51.00 Begin descent, desc. 46 ft. over N. slope.

51.57 Wash, 20 lks. wide, 6 ft. deep, drains SE.; asc. 18 ft. over S. slope.

62.73 Top of small spur from ridge, slopes E.; desc. 154 ft. over N. slope.

67.10 Wash, 20 lks. wide, 5 ft. deep, drains E.; asc. 41 ft. over S. slope.

70.40 Top of spur from ridge, slopes E.; desc. 86 ft. over N. slope.

74.98 Wash, 30 lks. wide, 6 ft. deep, drains E.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkl.

T6S R28E
S 8 | S 9
S 17 | S 16
1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Land, rolling.

Soil, gravelly and rocky, 4th rate.

No timber.

Undergrowth, scattering chaparral, mesquite, ocotillo, palo verde and cacti.

N. $0^{\circ} 03'$ E., bet. secs. 8 and 9.

Over rolling mountainous land, through scattering undergrowth; asc. 118 ft. over S. slope.

9.40 Top of ascent, slopes E.; desc. 51 ft. over N. slope.

16.50 Wash, 20 lks. wide, 6 ft. deep, drains E.; asc. 71 ft. over S. slope.

24.42 Fence, 4 strand barbed wire, bears E. and W.

25.61 Top of ascent, slopes E.; desc. 41 ft. over N. slope.

30.10 Wash, 30 lks. wide, 6 ft. deep drains E.; asc. 40 ft. over S. slope.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

- 33.99 Top of spur from ridge, slopes E.; desc. 122 ft. over N. slope.
- 38.17 Point for the S. end of triangulation; continue by triangulation across Bonita Creek, measurement made to $\frac{1}{4}$ sec. cor.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$
S 8 | S 9
1955

- raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.
- 65.00 Bonita Creek, 150 lks. wide, 2 ft. deep, drains SE.
- 68.24 Point for the N. end of triangulation on W. slope. Continue ascent, asc. 23 ft. over W. slope on E. side of Bonita Creek.
- 79.81 Intersect the SE. corner of sec. 5, T. 6 S., R. 28 E., monumented with an iron post, 2 ins. diam., firmly set, marked and witnessed as described in the official returns of the 1947 survey. As this corner will now function as the cor. of secs. 4, 5, 8 and 9, I remark the corner to read

T 6 S R 28 E
S 5 | S 4
S 8 | S 9
1947
1955

rebuild the mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Land, rolling, mountainous.
Soil, gravelly and rocky, 4th rate.
No timber.
Undergrowth, chaparral, ocotillo, mesquite, and cacti.

From the cor. of secs. 16, 17, 20 and 21, hereinbefore described.

S. $89^{\circ} 55'$ E., bet. secs. 16 and 21.

Over heavily rolling land, through scattering undergrowth; desc. 40 ft. over E. slope.

- 3.40 Wash, 40 lks. wide, 6 ft. deep, drains S.; asc. 28 ft. over W. slope.
- 7.32 Top of spur from ridge, slopes S.; desc. 23 ft. over E. slope.
- 20.12 Wash, 40 lks. wide, 10 ft. deep, drains S.; asc. 30 ft. over W. slope.
- 25.87 Road, bears N. and S.
- 29.55 Graded road, bears N. and S. on top of spur from ridge which slopes S.; desc. 74 ft. over E. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

$$\frac{1}{4} \begin{array}{c} \text{S 16} \\ \text{S 21} \end{array}$$
 1955

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

Continue over heavily rolling land, through scattering undergrowth; desc. 85 ft. over E. slope.

- 46.55 Road, bears N. and S.
- 49.05 Pipe line, bears E. and W.
- 53.65 Top of perpendicular cliff, 40 ft. high, edge bears NW. and SE.
- 54.95 Right bank of Bonita Creek, bears NW. and SE.
- 55.95 Center of Bonita Creek, 14 ins. deep, flows SE.
- 56.95 Left bank of Bonita Creek, bears NW. and SE.; asc. 95 ft. over perpendicular conglomerate cliff, edge bears NW. and SE.
- 69.12 Top of spur from ridge, slopes S.; desc. 74 ft. over E. slope.
- 74.90 Wash, 40 lks. wide, 10 ft. deep, drains SE.; asc. 26 ft. over W. slope to corner.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

$$\begin{array}{cc} \text{T6S} & \text{R28E} \\ \text{S 16} & | \text{S 15} \\ \text{S 21} & | \text{S 22} \\ & \text{1955} \end{array}$$

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

Land, heavily rolling.

Soil, gravelly and rocky, 4th rate.

No timber.

Undergrowth, chaparral, mesquite, palo verde, ocotillo, and cacti.

N. 0° 02' W., bet. secs. 15 and 16.

Over rolling land, through scattering undergrowth; asc. 109 ft. along SW. slope.

- 11.50 Top of ascent, slopes W.; desc. 47 ft. over NW. slope.
- 25.09 Wash, 30 lks. wide, 6 ft. deep, drains SW.; asc. 135 ft. over S. slope.
- 40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

$$\begin{array}{cc} & \frac{1}{4} \\ \text{S 16} & | \text{S 15} \\ & \text{1955} \end{array}$$

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains	<p>Continue ascent, asc. 38 ft. over S. slope.</p>						
45.86	<p>Top of spur from ridge, slopes SW.; desc. 96 ft. over N. slope.</p>						
57.58	<p>Enter wash, 40 lks. wide, 6 ft. deep, drains SE.; continue along W. edge of wash.</p>						
64.88	<p>Same wash from NE., 40 lks. wide, 6 ft. deep; drains S.; asc. 77 ft. over SE. slope.</p>						
80.00	<p>Point for the cor. of secs. 9, 10, 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T6S</td> <td>R28E</td> </tr> <tr> <td>S 9</td> <td>S 10</td> </tr> <tr> <td>S 16</td> <td>S 15</td> </tr> </table> <p style="text-align: center;">1955</p> <p>raise a mound of stone, 5 ft. base, 2$\frac{1}{2}$ ft. high, W. of corner.</p> <p>Land, rolling. Soil, gravelly and rocky, 4th rate. No timber. Undergrowth; chaparral, mesquite, ocotillo, palo verde, and cacti.</p> <hr/> <p>From the corner of secs. 9, 10, 15 and 16, hereinbefore described. N. 89° 55' W., bet. secs. 9 and 16.</p> <p>Over rolling land, through scattering undergrowth, asc. 23 ft. over SE. slope.</p>	T6S	R28E	S 9	S 10	S 16	S 15
T6S	R28E						
S 9	S 10						
S 16	S 15						
14.98	<p>Top of spur from ridge, slopes S.; desc. 137 ft. over W. slope.</p>						
33.14	<p>Wash, 40 lks. wide, 6 ft. deep, drains SW.; asc. 45 ft. over SE. slope.</p>						
40.04	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>$\frac{1}{4}$</td> <td>S 9</td> </tr> <tr> <td></td> <td>S 16</td> </tr> </table> <p style="text-align: center;">1955</p> <p>raise a mound of stone, 4 ft. base, 2$\frac{1}{2}$ ft. high, N. of corner.</p> <p>Continue over rolling land, through scattering undergrowth.</p>	$\frac{1}{4}$	S 9		S 16		
$\frac{1}{4}$	S 9						
	S 16						
40.80	<p>Top of spur from ridge, slopes S.; desc. 40 ft. over W. slope.</p>						
45.30	<p>Wash, 30 lks. wide, 6 ft. deep, drains S.</p>						
48.20	<p>Top of low flat spur from ridge, slopes S.; desc. 74 ft. over gradual W. slope.</p>						
59.60	<p>Bottom of descent, bears NE. and SW.; continue over level land.</p>						
67.58	<p>Top of perpendicular conglomerate cliff, approximately 65 ft. high, edge bears N. and S.; enter scattering timber.</p>						
70.53	<p>Dirt road, bears N. and S.</p>						
70.83	<p>Left bank of Bonita Creek, bears NNW. and SSE.</p>						

Chains

- 71.00 Center of Bonita Creek, 18 ins. deep, flows SSE.
- 71.20 Right bank of Bonita Creek, bears NNW. and SSE. Leave scattering timber.
- 71.95 Top of perpendicular conglomerate cliff, approximately 65 ft. high, edge bears N. and S. Continue ascent, asc. 200 ft. over SSE. slope to corner.
- 80.08 The cor. of secs. 8, 9, 16 and 17.

Land, rolling mountainous.
Soil, gravelly and rocky, 4th rate.
Timber, scattering sycamore, elm and ash.
Undergrowth, ocotillo, chaparral, mesquite and cacti.

Dep. Res. of a Portion of the Subdivisional Lines, T. 6 S., R. 28 E.

Reestablishment of the Survey Made by
Philip Centzen in 1895

From the cor. of secs. 31 and 32, on the S. bdy. of the township, monumented with an iron post, 2 ins. diam., firmly set, marked and witnessed as described in the official record of the 1931 resurvey of the S. bdy.

N. 0° 03' W.; bet. secs. 31 and 32.

Over gently rolling land, through scattering undergrowth.

- 3.00 Wash, 6 lks. wide, 1½ ft. deep, drains SW.
- 9.20 Top of spur from ridge, slopes NW.; desc. 54 ft. over N. slope.
- 16.03 Wash, 75 lks. wide, 6 ft. deep, drains W.; continue descent; desc. 28 ft. over gradual NW. slope.
- 28.50 Top of spur from ridge, slopes W.
- 32.20 Begin descent, desc. 118 ft. along W. slope of bluff.
- 36.84 Wash, 1 ch. wide, 6 ft. deep, drains W.; continue descent, desc. 53 ft. along W. slope.
- 40.00 The original ¼ sec. cor. of secs. 31 and 32, monumented with a malpais stone, firmly set, marked and witnessed as described in the official record.

At the corner point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼
S 31 | S 32

1955

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner. Bury the original corner stone alongside the iron post.

Continue over gently rolling land, through scattering undergrowth.

- 52.64 Begin descent, desc. 45 ft. over abrupt N. slope.
- 65.00 Enter Gila River bottom, edge bears NE. and SW. Continue through dense willow and mesquite undergrowth and scattering cottonwood trees.

BOOK 4489

Dep. Res. of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains

80.00

True point for the cor. of secs. 29, 30, 31 and 32, at record bearing and distance N. of the $\frac{1}{4}$ sec. cor. of secs. 31 and 32, and record bearing and distance E. of the $\frac{1}{4}$ sec. cor. of secs. 30 and 31. There is no remaining evidence of the original witness corner of secs. 29, 30, 31 and 32 as described in the official record of the 1895 survey.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T6S R28E	
S 30	S 29
S 31	S 32
1955	

from which

A cottonwood, 40 ins. diam., bears N. $69^{\circ} 40'$ E., 334 lks. dist., mkd. T6S R28E S29 BT.

A cottonwood, 30 ins. diam., bears S. $88^{\circ} 57'$ E., 252 lks. dist., mkd. T6S R28E S32 BT.

There are no other suitable bearing trees available.

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

From this corner, the $\frac{1}{4}$ sec. cor. of secs. 30 and 31, a malpais stone, 12x14x8 ins. above ground, firmly set, marked and witnessed as described in the official record, bears N. $89^{\circ} 58'$ W., 40 chs. dist.

Land, south-half, rolling and broken; north-half, river bottom. Soil, gravelly and rocky, 4th rate.

Timber, cottonwood.

Undergrowth, mesquite, ocotillo, chaparral, and casti.

Survey of a Portion of the Subdivisional Lines, T. 6 S., R. 28 E.

From the cor. of secs. 28, 29, 32, and 33, monumented with an iron post, $2\frac{1}{2}$ ins. diam., hereinbefore described.

N. $89^{\circ} 59'$ W., bet. secs. 29 and 32.

Over gently rolling land, through scattering undergrowth.

9.40 Wash, 90 lks. wide, 6 ft. deep, drains NW.

19.50 Curve on road, bears NW. and SW.

33.40 Begin descent, desc. 44 ft. over W. slope.

38.25 Wash, 1 ch. wide, 10 ft. deep, drains NNW.

39.05 Point for the $\frac{1}{4}$ sec. cor. of sec. 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 32
1955

raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, S. of corner.

Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 29. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ S 29 1955 raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, N. of corner. Continue over rolling land; through scattering undergrowth; asc. 12 ft. over E. slope.
42.69	Same road, bears N. and S. Top of ascent, slopes NNW.; desc. 86 ft. over WSW. slope.
55.60	Enter wash, 50 lks. wide, 6 ft. deep, drains W.
60.10	Same wash, 30 lks. wide, 6 ft. deep, drains S.; asc. 12 ft. over E. slope.
61.60	Top of ascent, slopes N.; continue over nearly level land.
71.46	Top of rocky spur from ridge, slopes SSW.; desc. 52 ft. over abrupt W. slope.
72.96	Enter Gila River bottom, edge bears NNE. and SSW. Enter scattering timber and dense undergrowth.
79.05	The cor. of secs. 29, 30, 31 and 32. Land, gently rolling. Soil, gravelly and rocky, 4th rate. Timber, cottonwood. Undergrowth, mesquite, cootillo, willows, and catti.
	N. 0° 03' W., bet. secs. 29 and 30. Over level bottom land, through dense willow and mesquite undergrowth.
9.60	Road, bears ENE. and WSW.
12.36	Left bank of Gila River, bears NE. and SW.
17.00	Center of Gila River, 4 ft. deep, flows SW.
22.70	Right bank of Gila River, bears NE. and SW. Enter dense undergrowth, edge bears NE. and SW.
23.40	Irrigation ditch, 30 lks. wide, 10 ft. deep, flows SW.
24.00	Leave dense undergrowth, edge bears NE. and SW. Edge of Gila River bottom, bears NE. and SW.; asc. over perpendicular conglomerate cliff, approximately 75 ft. high.
24.36	Top of perpendicular conglomerate cliff, edge bears NE. and SW.
29.00	Top of spur from ridge, slopes NE. Continue over rolling land through scattering undergrowth.
31.30	Wash, 20 lks. wide, 4 ft. deep, drains ENE.; asc. 57 ft. over S. slope.
34.20	Top of spur from ridge, slopes ENE.

Survey of a Portion of the Subdivisional Lines, T. 6 S., R. 28 E.

Chains

34.30

Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 29 and 30.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ W C \\ S 30 \uparrow S 29 \\ 1955 \end{array}$$
raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

34.90

Begin descent, desc. 50 ft. over abrupt N. slope.

37.30

Wash, 20 lks. wide, 2 ft. deep, drains SE. 50 lks., thence E.; asc. 75 ft. over WSW. slope.

38.00

Pipe line, 12 ins. diam., bears NE. and SW.

40.00

True point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30 falls in center of graded road bearing E. and W. 1 ch., thence NE. and SW. Continue ascent, asc. 186 ft. over WSW. slope.

50.91

Top of ascent, slopes ENE.; begin descent, desc. 80 ft. over N. slope.

From this point, the U. S. Soil Erosion Service triangulation station G 18, monumented with an iron post, 3 ins. diam., firmly set in concrete, bears W., 116 lks. dist.

56.40

Wash, 30 lks. wide, 4 ft. deep, drains E.; asc. 93 ft. over abrupt S. slope.

63.16

Top of spur from ridge, slopes SE.; desc. 73 ft. over N. slope.

68.86

Wash, 60 lks. wide, 15 ft. deep, drains E.; asc. 54 ft. over S. slope.

75.05

Top of ascent, slopes E.; desc. 37 ft. over N. slope.

80.00

Point for the cor. of secs. 19, 20, 29, and 30.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.
$$\begin{array}{c} T6S \quad R28E \\ S 19 \quad | \quad S 20 \\ S 30 \quad | \quad S 29 \\ 1955 \end{array}$$
raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

Land, rolling.

Soil, gravelly and rocky, 4th rate.

No timber.

Undergrowth, dense willow and mesquite in river bottom; scattering chaparral, ocotillo and cacti.

From the true point for the cor. of secs. 20, 21, 28 and 29.

N. $89^{\circ} 59'$ W., bet. secs. 20 and 29.

Over rolling land, through scattering undergrowth.

.97

Wash, 1 ch. wide, 6 ft. deep, drains S.; asc. 88 ft. over E. slope.

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Survey of a Portion of the Subdivisional Lines of T. 6 S., R. 28 E.

Chains	
4:37	Road, bears NE. and SW.
11.00	Road on top of spur from ridge, bears N. and S.; spur slopes S.; desc. 52 ft. over W. slope.
12.00	Same road, bears SE. and NW.
15.00	Wash, 1 ch. wide, 5 ft. deep, drains SSE.; asc. 139 ft. over E. slope.
17.50	Same road, bears N. and S.
26.00	Road, bears N. and S.
31.00	Top of spur from ridge, slopes S.; desc. 67 ft. over W. slope.
37.47	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 20 and 29. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ ← $\frac{S\ 20}{S\ 29}$ WC 1955 </div>
	raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, N. of corner.
37.77	Perpendicular conglomerate cliff, approximately 75 ft. high, on E. edge of canyon, bears NW. and SE.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 29 falls in bottom of a deep rocky wash draining SE. and is deemed unsafe for corner, not monumented.
41.64	Top of perpendicular conglomerate cliff, approximately 75 ft. high, edge bears NW. and SE.; asc. 86 ft. over E. slope.
53.09	Road, bears NW. and SE.
60.00	Top of spur from ridge, slopes S.; desc. 46 ft. over W. slope.
67.82	Wash, 40 lks. wide, 20 ft. deep, drains S.; asc. 17 ft. along S. slope of toe of spur.
73.52	Top of ascent, slopes S.
76.32	Wash, 30 lks. wide, 6 ft. deep, drains SE.; asc. 46 ft. over E. slope.
79.27	The corner of secs. 19, 20, 29 and 30. Land, rolling. Soil, gravelly and rocky, 4th rate. No timber. Undergrowth, ocotillo, chaparral, mesquite, and cacti.

Township 6 South, Range 28 East

General Description

The general elevation of the township ranges from about 3,000 to 4,500 ft. above sea level.

The eastern and northern half of the township is heavily rolling mountainous land and the southwest portion is rolling. The soil is very shallow, being mostly gravel and stony, 4th rate, as the entire township is covered with rocks. The soil of the bottom land along the Gila River and Bonita Creek is an alluvial silt and sandy clay loam. There are scattering cottonwood trees and dense willow and mesquite undergrowth along the Gila River. There is a fairly heavy growth of cottonwood and sycamore trees with some scattering mesquite undergrowth along Bonita Creek.

The Gila River enters the township from the northeast, near the center of section 1 and flows southwesterly across the township, leaving the township near the center of section 31 on the south boundary.

There is a rancher living in section 16, and there is some stockgrazing in central and eastern parts of the township, but it is very limited as the area is too rough and rocky and there is not sufficient rainfall to produce a good stand and growth of the native grasses. There are several settlers living in section 31 who have fields in cultivation under irrigation. There also is some cultivated land in the SW $\frac{1}{4}$ of section 29. A number of deep irrigation wells have been developed, located in section 31, which are used to supplement the irrigation water obtained from the Gila River.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
John M. Payne, Jr.	Principal Assistant
George M. Boofer	Principal Assistant
Leslie H. Godwin	Principal Assistant
Leslie H. Cannon	Note-keeper
Clarence J. Curtis	Note-keeper
Darwin P. Russell	Chainman
Harold E. Mohr	Flagman
Maurice L. Hinton	Flagman
George E. Kirby	Flagman
Wesley A. Chadburn	Cornerman
Angel G. Montez	Cornerman
Gregorio E. Ornelas, Jr.	Cornerman
Francisco M. Peru	Cornerman
Augustus C. Hardy	Axeman
Albert W. DeLong	Axeman
Theron O. Wilkins	Truck Driver

CERTIFICATE OF CADASTRAL ENGINEER

I, Horace G. Parker, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 16th day of November, 1954, I have ~~surveyed~~ independently resurveyed the east boundary and dependently resurveyed the south boundary of sec. 32, T. 6 S., R. 28 E.; dependently resurveyed a portion of the 1st Stan. Par. S., through Rs. 27 and 28 E.; and dependently resurveyed and surveyed a portion of the subdivisional lines of T. 6 S., R. 28 E.

of the G & S R Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

September 2, 1955

Horace G. Parker
 Horace G. Parker
 Cartographer Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JAN 30 1958, 19

The foregoing field notes of the ~~survey of~~ independent resurvey of the east boundary, dependent resurvey of the south boundary of sec. 32, T. 6 S., R. 28 E.; dependant resurvey of a portion of the 1st Stan. Par. S., through Rs. 27 and 28 E.; and the dependent resurvey and survey of a portion of the subdivisional lines, T. 6 S., R. 28 E. Gila and Salt River Meridian, Arizona executed by Horace G. Parker

having been critically examined and found correct, are hereby approved.

Paul G. Harrington
 Chief, Division of Cadastral Engineering
 Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

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

T. 6 S., R. 28 E., is a true copy of the original field notes.

Chief, Division of Cadastral Engineering