

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

COMPLETION OF THE SUBDIVISION

OF

TOWNSHIP 38 NORTH, RANGE 4 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

DeWitt A. Grain - Cadastral Surveyor

Under special instructions dated October 9, 19 58, which provided
for the surveys included under Group No. 330, approved October 13, 1958
and assignment instructions dated November 3, 1958

Survey commenced November 12, 19 58

Survey completed December 3, 19 58

1A

BOOK 4603

INDEX DIAGRAM

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Completion of the Subdivision of Township 38 North, Range 4 West

Chains

The west and north boundaries were surveyed by J. C. Thoma in 1914, and their records appear in the field notes of T. 38 N., R. 5 W., and T. 39 N., R. 4 W. The east boundary was surveyed by Walter H. Good and Benjamin J. Kinsey in 1933, and its records appear in the field notes of T. 38 N., R. 3 W. The south boundary was surveyed by Donald E. Harding in 1954, and its record appears in the field notes of T. 37 N., R. 4 W. Section 32 was surveyed by D. E. Harding in 1954.

The following field notes are those of the completion of the subdivisional lines.

The survey was executed with a W. and L. E. Gurley solar transit, serial number 541328, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The measurements were made with a narrow steel tape, 8 chains in length, graduated to tenths of links for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a standard steel tape 1 chain in length and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by two clinometers in good adjustment. The slope distances were properly reduced to horizontal equivalents which are entered in the field note record.

The geographic position for the southeast corner of the township is in latitude $36^{\circ} 38' 35''$ N. and longitude $112^{\circ} 39' 53''$ W., as determined from data furnished with the special instructions.

The directions of all lines of this survey were determined by sustained angulation carried forward from the meridian determined by the following direct solar observation: November 14, 1958, at a point approximately 2 miles north of the south boundary, I made a series of 8 altitude observations upon the sun for azimuth, 4 each with the telescope in direct and reversed positions and observed the angle from a tree approximately 6 miles to the south, to the right of the sun.

Time of observation, 105th meridian	
standard time	10h 30m
Mean observed vertical angle	$27^{\circ} 20' 30''$
Horizontal angle to sun	$34^{\circ} 37'$
Declination of sun	$18^{\circ} 13' 56''$ S.

Magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be $16^{\circ} 00'$ East.

Beginning the completion survey of the subdivisional lines, at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., which is monumented with an iron post, set, mkd, and witnessed as described in the official record.

North, bet. secs. 35 and 36.

Over rolling W. slope, through desert grass land.

12.00 Desc. over rolling NW. slope.

19.10 Wash, 2 ft. deep, 30 lks. wide, drains NW.; thence asc. over rolling W. 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., 14 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Completion of the Subdivision of Township 38 North, Range 4 West

Chains

T38N R4W
 S35 | S36
 1958
 Deposit broken glass alongside the iron post.
 45.60 Desc. 25 ft. over rocky N. slope.
 53.60 Desc. 80 ft. over rim rock, bears NW. and SE.
 63.40 Wash, 2 ft. deep, 40 lks. wide, drains NW.; asc. 30 ft. over rocky W. slope.
 73.80 Rocky spur, slopes NW.; desc. 40 ft. over rocky N. slope.
 78.10 Wash, 3 ft. deep, 30 lks. wide, drains W.; asc. 40 ft. over rocky S. slope.
 80.00 Point for the cor. of secs. 25, 26, 35 and 36.
 Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R4W
 S26 | S25
 S35 | S36
 1958

Land, rolling to broken.
 Soil, sandy and rocky.
 Timber, none.
 Undergrowth, desert grasses.

S. 89° 49' E., bet. secs. 25, and 36.
 Asc. 70 ft. over rolling and broken SW. slope, through desert grass land.
 7.70 Ridge spur, slopes SSE.; desc. 150 ft. over rocky SE. slope.
 10.70 Small wash, drains S., 1 ch. to main wash.
 16.40 Wash, 3 ft. deep, 30 lks. wide, drains SW.
 18.40 Same wash, 3 ft. deep, 30 lks. wide, drains NW.; asc. over rolling and broken S. slope.
 35.00 Rocky spur, slopes SSW.; desc. over rocky and broken E. to SE. slope.
 37.60 Wash, 3 ft. deep, 20 lks. wide, drains SW.; asc. over W. slope.
 40.00 Point for the ¼ sec. cor. of secs. 25, and 36.
 Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38N R4W

¼ S 25
 S 36

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, N. of corner.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

Asc. over W. slope, of dike.

41.00 Dike of small stock pond.; thence over nearly level land.

49.00 Road, bears N. and S.; asc. 60 ft. over W. to NW. slope.

80.18 Intersect E. bdy. of the Tp., at the cor. of secs. 25, 30, 31, and 36, which is monumented with an iron post, set, marked, and witnessed as described in the official record.

Land, rolling to broken.

Soil, sandy and rocky.

No timber; undergrowth, desert grasses.

From the cor. of secs. 25, 26, 35, and 36.

North, bet. secs. 25, and 26.

Asc. 95 ft. over rocky S. slope.

5.10 Rim, bears E. and W., desc. 70 ft. over rocky NNW. slope.

16.80 Wash, 4 ft. deep, 30 lks. wide, drains SW.; asc. 90 ft. over S. slope through desert grass land.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25, and 26.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T38N R4W

$\frac{1}{4}$
S 26 S 25

1958

Deposit broken glass alongside the iron post.

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

Asc. 30 ft. over S. slope.

54.40 Top of ascent, bears E. and W.; desc. 45 ft. over general N. slope.

57.00 Road, bears S.65°E. and N.65°W.

80.00 Point for the cor. of secs. 23, 24, 25, and 26.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T38N R4W

S 23 S 24
S 26 S 25

1958

Deposit broken glass alongside the iron post.

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

Land, rolling.

Soil, sandy and rocky.

No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	<p>S. 89° 49' E., bet. secs. 24 and 25.</p> <p>Over rolling N. slope, through desert grass land.</p>
27.50	Road, bears NNW. and SSE.
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 24, and 25.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{1}{4}$ S 24 $\frac{1}{4}$ S 25 1958</p> <p>Deposit broken glass alongside the iron post.</p>
80.20	<p>Intersect E. bdy. of the Tp., at the cor. of secs. 19, 24, 25, and 30, which is monumented with an iron post, set, marked, and witnessed as described in the official record.</p> <p>Land, rolling. Soil, sandy. No timber; undergrowth, desert grasses.</p>
40.00	<p>From the cor. of secs. 23, 24, 25, and 26.</p> <p>North, bet. secs. 23, and 24.</p> <p>Desc. over gently rolling N. slope, through desert grass land.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 23, and 24.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{1}{4}$ S 23 S 24 1958</p> <p>Deposit broken glass alongside the iron post.</p>
80.00	<p>Point for the cor. of secs. 13, 14, 23, and 24.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S 14 S 13 S 23 S 24 1958</p> <p>Deposit broken glass alongside the iron post.</p> <p>Set an iron post, 3 ins. diam., 2 ft. above the ground, W. of Cor.</p> <p>Land, rolling. Soil, sandy. No timber; undergrowth, desert grass land.</p>

Completion of the subdivision of Township 38 North, Range 4 West

Chains	S. 89° 54' E., bet. secs. 13, and 24. Over gently rolling N. slope, through desert grass land.
13.70	Road, bears N. and S.
24.00	Wash, 2 ft. deep, 20 lks. wide, drains N.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13, and 24. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38N R4W S 13 $\frac{1}{4}$ S 24 1958
	Deposit broken glass alongside the iron post.
45.20	Wash, 1 ft. deep, 10 lks. wide, drains NNW.
80.54	Intersect E. bdy. of the Tp., at the cor. of secs. 13, 18, 19, and 24, which is monumented with an iron post, set, marked, and witnessed as described in the official record. Land, rolling. Soil, sandy. No timber; undergrowth, desert grasses.
	From the cor. of secs. 13, 14, 23, and 24. North, bet. secs. 13, and 14. Desc. over gently rolling N. slope, through desert grass land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13, and 14. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a large collar of stone, with brass cap mkd.
	T38N R4W $\frac{1}{4}$ S 14 S 13 1958
	Deposit broken glass alongside the iron post.
80.00	Point for the cor. of secs. 11, 12, 13, and 14. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38N R4W S 11 S 12 S 14 S 13 1958
	Deposit broken glass alongside the iron post. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy. No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	S. 89° 43' E., bet. secs. 12, and 13. Asc. over gently rolling N. slope, through desert grass land.
.30	Road, bears SSE. and NNW.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 12, and 13. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38N R4W $\frac{1}{2}$ S 12 S 13 1958
	Deposit broken glass alongside the iron post.
62.00	Ridge, bears N. and S.; desc. over general NE. slope.
80.74	Intersect E. bdy. of the Tp., at the cor. of secs. 7, 12, 13, and 18, which is monumented with an iron post, set, marked, and witnessed as described in the official record. Land, rolling. Soil, sandy. No timber; undergrowth, desert grasses.
	From the cor. of secs. 11, 12, 13, and 14. North, bet. secs. 11, and 12. Over gently rolling N. slope, through desert grass land.
.80	Road, bears NNW. and SSE.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 11, and 12. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T38N R4W $\frac{1}{2}$ S 11 S 12 1958
	Deposit broken glass alongside the iron post.
	Raise a small mound of stone, W. of cor.
46.40	Wash, 4 ft. deep, 30 lks. wide, drains NW.; thence over W. slope.
62.60	Small spur, slopes NW.; desc. over NW. slope.
68.90	Wash, 4 ft. deep, 40 lks. wide, drains NE.; asc. over general S. slope.
80.00	Point for the cor. of secs. 1, 2, 11, and 12. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

Completion of the Subdivision of Township 38 North, Range 4 West

Chains

T38N R4W

S2 | S1
S11 | S12

1958

This cor. falls on top of flat ridge, bears NE. and SW.

Land, rolling.
Soil, sandy.
Timber, none.
Undergrowth, desert grass land.

S. 89° 43' E., bet. secs. 1 and 12.

Desc. 30 ft. over SE. to E. slope; through desert grass land.

17.00 Wash, 3 ft. deep, 40 lks. wide, drains NE.; asc. over NW. slope.

33.50 Ridge spur, slopes NE.; desc. over E. slope.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T38N R4W

1/4 S 1
S12

1958

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

Desc. over E. slope.

48.00 Wash, 1 ft. deep, 20 lks. wide, drains NNE.; thence over broken N. slope.

57.20 Wash, 1 ft. deep, 20 lks. wide, drains N.; asc. over broken W. slope.

68.00 Top of ascent, bears N. and S.; thence over nearly level land; no undergrowth.

80.94 Intersect E. bdy. of the Tp., at the cor. of secs. 1, 6, 7 and 12, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

Land, rolling to broken.
Soil, sandy to rocky.
Timber, none; undergrowth, desert grasses.

From the cor. of secs. 1, 2, 11 and 12.

North, bet. secs. 1 and 2.

Desc. over general N. to rolling N. slope; through desert grass land.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T38N R4W

S2 | S1

1958

Completion of the Subdivision of Township 38 North, Range 4 West

Chains

81.55

Intersect the S. bdy. of sec. 35, T. 39 N., R. 4 W.

Point for the closing cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39N R4W

S35

S2 | S1

T38N R4W

1958

Deposit broken glass alongside the iron post.

From this cor. the original cor. of secs. 1, 2, 35 and 36, Tps. 38 and 39 N., R. 4 W., which is monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record, bears E., 108 lks. dist. I alter the markings to function for secs. 35 and 36 only.

Land, rolling.

Soil, sandy.

No timber; undergrowth, desert grasses.

The point for the N. ¼ sec. cor. of sec. 1, at 40.00 chs. dist. East from the closing cor. of secs. 1 and 2, and on the N. bdy. of the sec.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

¼ S1

T38N R4W

1958

From this cor. the original ¼ sec. cor. of secs. 1 and 36, Tps. 38 and 39 N., R. 4 W., which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, bears E., 108 lks. dist. I alter the markings to function for Sec. 36 only.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 34 and 35.

Desc. 30 ft. over rocky NW. slope.

.90

Wash, 4 ft. deep, 30 lks. wide, drains SW.; asc. 85 ft. over rocky SSE. slope.

13.60

Flat ridge, bears E. and W.; desc. 200 ft. over rimrock and rocky N. slope.

32.80

Wash, 5 ft. deep, 60 lks. wide, drains NW.; asc. 50 ft. over rocky and broken SW. slope.

40.00

Point for the ¼ sec. cor. of secs. 34 and 35.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 6 ft. base, to top of post, with brass cap mkd.

T38N R4W

½
S 34 | S 35

1958

This cor. falls on steep rocky W. slope; desc. 40 ft. over rocky W. to NW. slope.

- 43.20 Wash, 4 ft. deep, 50 lks. wide, drains W.; asc. 150 ft. over steep rocky S. slope.
- 48.40 Ridge, bears W. and E.; desc. 210 ft. over rocky N. slope.
- 62.30 Wash, 6 ft. deep, 100 lks. wide, drains W.; asc. over S. slope.
- 66.10 Base of rim, asc. 90 ft.
- 66.10 Rim of canyon, bears E. and W.; asc. 80 ft. over S. slope.
- 74.00 Ridge spur, slopes SW.; thence over broken W. slope.
- 79.30 Small wash, drains, SW.; asc. over S. slope.
- 80.00 Point for the cor. of secs. 26, 27, 34, and 35.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38N R4W

S27 | S26
S34 | S35

1958

Land, rough and broken.
Soil, rocky.
No timber; no undergrowth.

From the cor. of secs. 25, 26, 35, and 36.

N. 89° 49' W., bet. secs. 26, and 35.

Asc. 55 ft. over SE. slope; no undergrowth.

- 6.90 Ridge spur, slopes S.; thence along broken S. slope.
- 14.90 Ridge spur, slopes S.; desc. 30 ft. over SW. slope.
- 18.60 Wash, 4 ft. deep, 30 lks. wide, drains S.; asc. 80 ft. over SE. slope.
- 22.90 Ridge spur, slopes S.; desc. 60 ft. over SW. slope.
- 26.00 Wash, 5 ft. deep, 50 lks. wide, drains S.; thence over broken S. slope.
- 32.10 Wash, 5 ft. deep, 30 lks. wide, drains S.; asc. 165 ft. over rocky SE. slope.
- 40.00 Point for the ½ sec. cor. of secs. 26, and 35.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
	T38N R4W $\frac{1}{4}$ $\frac{S\ 26}{S\ 35}$ 1958
	This cor. falls on top of ridge, bears NE. and SW.
46.80	Leave ridge, desc. 190 ft. over NW. to W. slope.
66.40	Wash, 6 ft. deep, 60 lks. wide, drains S.; asc. 40 ft. over SE. slope.
68.00	Ridge spur, slopes S.; desc. over SW. slope.
70.50	Wash, 3 ft. deep, 30 lks. wide, drains S.; asc. 190 ft. over SE. slope.
75.50	Ridge spur, slopes SW.; desc. 30 ft. over W. slope.
79.00	Small wash, drains SW.
80.00	The cor. of secs. 26, 27, 34, and 35.
	Land, rough and broken. Soil, rocky. No timber or undergrowth.
	N. 0° 01' W., bet. secs. 26, and 27.
	Over broken W. slope.
3.50	Desc. 50 ft. over rocky W. slope.
20.10	Wash, 2 ft. deep, 20 lks. wide, drains SW.; asc. 65 ft. over rocky SE. slope.
25.40	Rocky rim, bears NNE. and SW.; asc. over general S. slope, through desert grass land.
40.00	Point for the ¼ sec. cor. of secs. 26, and 27.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
	T38N R4W $\frac{1}{4}$ S 27 S 26 1958
	Deposit broken glass alongside the iron post.
48.40	Ridge, bears W. and E.; desc. 40 ft. over general N. slope.
78.30	Road, bears NW. and SE.
80.00	Point for the cor. of secs. 22, 23, 26, and 27.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

T38N R4W

S22 | S23

S27 | S26

1958

Deposit broken glass alongside the iron post.

Land, rolling and broken.

Soil, rocky to sandy loam.

No timber; undergrowth, desert grass land.

From the cor. of secs. 23, 24, 25, and 26.

N. 89° 51' W., bet. secs. 23, and 26.

Over rolling N. slope; through desert grass land.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 23, and 26.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

S 23

 $\frac{1}{4}$ S 26

1958

79.94 The cor. of secs. 22, 23, 26, and 27.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

N. 0° 01' W., bet. secs. 22, and 23.

Over gently rolling N. slope, through desert grass land.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 22, and 23.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

 $\frac{1}{4}$

S 22 | S 23

1958

Deposit broken glass alongside the iron post.

76.10 Small wash, drains NW.

80.00 Point for the cor. of secs. 14, 15, 22, and 23.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

S 15 | S 14

S 22 | S 23

1958

Completion of the subdivision of Township 38 North, Range 4 West

Chains

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

39.97

From the cor. of secs. 13, 14, 23, and 24.

N. 89° 52' W., bet. secs. 14, and 23.

Over gently rolling N. slope; through desert grass land.

Point for the $\frac{1}{2}$ sec. cor. of secs. 14, and 23.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

 $\frac{1}{2}$ S 14

S 23

1958

Deposit broken glass alongside the iron post.

79.94

The cor. of secs. 14, 15, 22, and 23.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth desert grasses.

40.00

N. 0° 01' W., bet. secs. 14, and 15.

Over gently rolling N. slope; through desert grass land.

Point for the $\frac{1}{2}$ sec. cor. of secs. 14, and 15.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 16 ins. in the ground, and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top of post, with brass cap mkd.

T38N R4W

 $\frac{1}{2}$ S-15 | S 14
1958

80.00

Point for the cor. of secs. 10, 11, 14, and 15.

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

T38N R4W

S10 | S11

S15 | S14

1958

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

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

Completion of the Subdivision of Township 38 North, Range 4 West

Chains	
39.95	<p>From the cor. of secs. 11, 12, 13 and 14.</p> <p>N. 89° 53' W., bet. secs. 11 and 14.</p> <p>Over gently rolling N. slope, through desert grass land.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 14.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{1}{4}$ $\frac{S11}{S14}$ 1958</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>
79.90	<p>The cor. of secs. 10, 11, 14 and 15.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
40.00	<p>N. 0° 01' W., bet. secs. 10 and 11.</p> <p>Over gently rolling N. slope; through desert grass land.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{1}{4}$ $\frac{S10}{S11}$ 1958</p> <p>Raise a mound of stone, 3 ft. base to W. of cor.</p>
80.00	<p>Point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{S3}{S10}$ $\frac{S2}{S11}$ 1958</p> <p>Raise a mound of stone, 3 ft. base, W. of cor.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
	<p>From the cor. of secs. 1, 2, 11 and 12.</p> <p>N. 89° 54' W., bet. secs. 2 and 11.</p>

Completion of the Subdivision of Township 38 North, Range 4 West

Chains	
	Over gently rolling N. slope; through desert grass land.
4.50	Road, bears NNE. and SSW.
39.94	Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T38N R4W $\frac{1}{2}$ $\frac{S 2}{S11}$ 1958</p>
79.88	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.
	<p style="text-align: center;">N. 0° 01' W., bet. secs. 2 and 3.</p>
	Over gently rolling N. slope, through desert grass land.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T38N R4W $\frac{1}{2}$ S 3 S 2 1958</p>
81.45	Intersect the S. bdy. of sec. 34, T. 39 N., R. 4 W.
	Point for the closing cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T39N R4W $\frac{S34}{S3 S2}$ C C T38N R4W 1958</p>
	From this cor. the original cor. of secs. 2, 3, 34 and 35, Tps. 38 and 39 N., R. 4 W., which is monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record, bears E. 90 lks. dist. I alter the markings to function for secs. 34 and 35 only. Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.
	The point for the N. $\frac{1}{2}$ sec. cor. of sec. 2, at midpoint and on the N. bdy. of the sec.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

At the corner point.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

¼ S 2
T38N R4W
1958

From this cor. the original ¼ sec. cor. of secs. 2 and 35, Tps. 38 & 39 N, R. 4W., which is monumented with an iron post, 1 in. diam., set, mkd. & witnessed as described in the official record, bears E. 99 lks. dist. I alter the markings to function for sec. 35 only.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., which is monumented with an iron post, set, marked, and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 33, and 34.

Ascend 340 ft. over steep, rocky S. to SSW. slope.

14.00 West tip of rim rock, bears E. and NE.; desc. 270 ft. over rocky W. to NW. slope.

30.90 Base of descent, bears SSW. and NNE.; thence over nearly level land; through sagebrush and shadscale.

40.00 Point for the ¼ sec. cor. of secs. 33, and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

T38N R4W
¼
S 33 | S 34
1958

53.80 Base of ridge spur, bears W. and E.; asc. 220 ft. over steep S. slope.

61.20 Ridge spur, slopes W.; thence over broken W. slope.

69.10 Saddle on small spur, 1 ch. E. of small nob; asc. 170 ft. over broken W. slope.

78.00 Top of ascent, rim bears E. and W., 2 chs. thence NW.; thence over broken W. slope, to cor.

80.00 Point for the cor. of secs. 27, 28, 33, and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 5 ft. base, to top of post, with brass cap mkd.

T38N R4W
S 28 | S 27
S 33 | S 34
1958

Land, rough and broken.
Soil, rocky;
No timber; undergrowth in bottom land shadscale and sage.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
	From the cor. of secs. 26, 27, 34, and 35.
	N. 89° 49' W., bet. secs. 27, and 34.
	Asc. over rocky SE. slope.
2.00	Small spur, slopes SW.; desc. 50 ft. over rocky W. slope.
6.00	Wash, 5 ft. deep, 40 lks. wide, drains S.; asc. 30 ft. over SE. slope.
10.00	Spur, slopes S.; desc. 90 ft. over SW. slope.
17.70	Wash, 6 ft. deep, 60 lks. wide, drains S.; asc. 110 ft. over E. slope.
29.10	Rim, bears N. and S.; asc. over rocky E. slope.
39.99	Point for the $\frac{1}{2}$ sec. cor. of secs. 27, and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.
	<p style="text-align: center;">T38N R4W $\frac{1}{2}$ S 27 S 34 1958</p>
41.40	Ridge spur, slopes S.; desc. 70 ft. over W. slope; through desert grass land.
59.00	Wash, 5 ft. deep, 30 lks. wide, drains S.; asc. 50 ft. over SE. slope.
65.40	Ridge spur, slopes SSE.; desc. 140 ft. over SW. to W. slope.
79.98	The cor. of secs. 27, 28, 33, and 34.
	Land, rough and broken.
	Soil, rocky.
	No timber; undergrowth, desert grasses.
	N. 0° 01' W., bet. secs. 27, and 28.
	Asc. 60 ft. over rocky SW. slope.
3.00	Spur, slopes W.; desc. 400 ft. over steep rocky W. to NW. slope.
33.40	Wash, 6 ft. deep, 30 lks. wide, drains SW.; asc. 380 ft. over steep and rocky SSE. slope.
39.10	Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 27, and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 5 ft. base, to top of post, with brass cap mkd.
	<p style="text-align: center;">T38N R4W $\frac{1}{2}$ W C S 28 S 27 1958</p>
40.00	True point for $\frac{1}{2}$ sec. cor. of secs. 27, and 28, falls on unsafe location for monument.
	Asc. 160 ft. over steep rocky S. slope.
45.90	Rim of canyon, bears E. and W.; thence over gently rolling land; through desert grass land.

Completion of the subdivision of Township 38 North, Range 4 West

Chains 80.00	<p>Point for the cor. of secs. 21, 22, 27, and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S 21 S 22 S 28 S 27 1958</p> <p>Deposit broken glass alongside the iron post.</p> <p>Land, South 45.90 chs. rough and broken, North 34.10 chs. rolling. Soil, South 45.90 chs. rocky, North 34.10 chs. sandy loam. No timber; undergrowth desert grasses, North 34.10 chs. only.</p>
3.70	<p>From the cor. of secs. 22, 23, 26, and 27.</p> <p>N. 89° 47' W., bet. secs. 22, and 27.</p> <p>Over gently rolling N. slope.; through desert grass land.</p> <p>Road, bears NW. and SE.</p>
39.99	<p>Point for the ¼ sec. cor. of secs. 22, and 27.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S 22 S 27 1958</p>
79.98	<p>The cor. of secs. 21, 22, 27, and 28.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
2.50	<p>N. 0° 01' W., bet. secs. 21, and 22.</p> <p>Desc. 30 ft. over N. slope, through desert grass land.</p> <p>South rim of canyon, bears E. and W.; desc. 110 ft. over rim and rocky N. slope.</p>
6.80	<p>Wash in canyon, drains W.; asc. 70 ft. over rocky S. slope to N. rim of canyon.</p>
12.10	<p>North rim of canyon, bears E. and W.; asc. 115 ft. over S. slope.</p>
30.73	<p>Top of ascent, flat ridge, bears E. and W.; desc. over general N. slope; from this point to U.S.G.C.S.G.P. station, bears N. 66° 11' E., 77 ins. dist.</p>
32.60	<p>Fence, bears N. 26° 39' W. and S. 26° 39' E.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 21, and 22.</p>

Completion of the subdivision of Township 38 North, Range 4 West

Chains		
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S 21 S 22 1958</p> <p>Deposit broken glass alongside iron post.</p> <p>From this cor. U.S.G. & G.S. tri. sta. "Corner" bears S. 4° 23' E., 8.99 chs. dist. Its geographic position is lat. 36° 40' 40.308" N. & long. 112° 43' 07.401" W.</p>	
40.80	Road, bears N.80°W. and S.80°E.	
80.00	Point for the cor. of secs. 15, 16, 21, and 22.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S 16 S 15 S 21 S 22 1958</p> <p>Land, South 12.10 chs. rough and broken; North 67.90 chs. broken to rolling N. slope. Soil, South 12.10 chs. rocky, north 67.90 chs. sandy loam. No timber; undergrowth, north 67.90 chs. only desert grasses.</p>	
	<p>From the cor. of secs. 14, 15, 22, and 23.</p> <p>N. 89° 47' W., bet. secs. 15, and 22.</p> <p>Over gently rolling N. slope, through desert grass land.</p>	
4.60	Small wash, drains NW.; over gently rolling N. slope.	
39.99	Point for the ¼ sec. cor. of secs. 15, and 22.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S 15 S 22 1958</p> <p>Deposit broken glass alongside the iron post.</p>	
79.98	The cor. of secs. 15, 16, 21, and 22.	
	<p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>	
	<p>N. 0° 01' W., bet. secs. 15, and 16.</p> <p>Over gently rolling N. slope; through desert grass land.</p>	
40.00	Point for the ¼ sec. cor. of secs. 15, and 16.	

Completion of the subdivision of Township 38 North, Range 4 West

Chains	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ½ S 16 S15 1958</p> <p>Deposit broken glass alongside the iron post.</p> <p>80.00 Point for the cor. of secs. 9, 10, 15, and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S 9 S 10 S16 S15 1958</p> <p>Deposit broken glass alongside the iron post.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
	<p>From the cor. of secs. 10, 11, 14, and 15.</p> <p>N. 89° 47' W., bet. secs. 10, and 15.</p> <p>Over gently rolling N. slope; through desert grass land.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 10, and 15.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S 10 S 15 1958</p> <p>80.00 The cor. of secs. 9, 10, 15, and 16.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
	<p>N. 0° 01' W., bet. secs. 9, and 10.</p> <p>Over gently rolling N. slope, through desert grass land.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 9, and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.</p>

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
80.00	<p style="text-align: center;">T38N R4W $\frac{1}{2}$ S 9 S 10 1958</p> <p>Point for the cor. of secs. 3, 4, 9, and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 19 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S 4 S 3 S 9 S 10 1958</p> <p>Deposit broken glass alongside the iron post.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
18.00	<p>From the cor. of secs. 2, 3, 10, and 11.</p> <p>N. 89° 47' W., bet. secs. 3, and 10.</p> <p>Over gently rolling N. slope; through desert grass land.</p> <p>Wash, 2 ft. deep, 20 lks. wide, drains NNW.; thence over gently rolling N. slope.</p>
40.02	<p>Point for the ¼ sec. cor. of secs. 3, and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W $\frac{1}{4}$ S 3 S 10 1958</p>
80.04	<p>Deposit broken glass alongside the iron post.</p> <p>The cor. of secs. 3, 4, 9, and 10.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth.</p>
32.00 40.00	<p>N. 0° 01' W., bet. secs. 3, and 4.</p> <p>Over gently rolling N. slope; through desert grass land.</p> <p>Small wash, drains NE.; desc. over NE. slope.</p> <p>Point for the ¼ sec. cor. of secs. 3, and 4.</p> <p>Set an iron post, 30 ins. long 2½ ins. diam., 24 ins. in the ground, and in a mound of stone, with brass cap mkd.</p>

Completion of the subdivision of Township 38 North, Range 4 West

Chains

T38N R4W

$$\frac{1}{2} \text{ S } 4 \text{ S } 3$$

1958

Deposit broken glass alongside the iron post.

Asc. over general SE. slope.

56.00 Small ridge spur, slopes NE.; desc. over N. slope.

64.00 Small wash, drains NE.; asc. over gradual SE. slope.

81.12 Intersect the S. bdy. of Sect 33, T. 39 N., R. 4 W.

Point for the closing cor. of secs. 3, and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.

T39N R4W

S 33

S 4 S 3

c | c

T38N R4W

1958

From this cor. the orig. cor. of secs. 3, 4, 33, & 34, Tps. 38 & 39 N., R. 4 W., which is monumented with an iron post, 3 ins. diam., set, mkd. & witnessed as described in the official record, bears E. 90 lks. dist. I alter the markings to function for secs. 33 and 34 only.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

The point for the N. ½ sec. cor. of sec. 3, at midpoint and on the N. bdy. of the sec.

At the corner point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

½ S 3

T38N R4W

1958

Deposit broken glass alongside the iron post.

From this cor. the orig. ½ sec. cor. of secs. 3 & 34, Tps. 38 & 39 N., R. 4 W., which is monumented with an iron post, 1 in. diam., set, mkd. & witnessed, as described in the official record, bears E. 90 lks. dist. I alter the markings to function for sec. 34 only.

From the cor. of secs. 27, 28, 33, and 34.

N. 89° 46' W., bet. secs. 28, and 33.

Desc. 330 ft. over rim of canyon, steep rocky W. slope.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

- 16.20 Wash, in bottom of ~~Grama~~ Canyon, drains S.; asc. 370 ft. over steep rocky E. slope.
- 19.80 West rim of canyon, bears N. and S.; thence over rolling E. to SE. slope.
- 39.82 Point for the $\frac{1}{4}$ sec. cor. of secs. 28, and 33.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
- T38N R4W
 $\frac{1}{4}$ S 28
S 33
1958
- 79.64 The cor. of secs. 28, 29, 32, and 33, which is monumented with an iron post, set, marked, and witnessed as described in the official record.
- Land, rough to rolling.
Soil, rocky.
No timber; undergrowth, West 59.80 chs. desert grasses.

- N. $0^{\circ} 02' W.$, bet. secs. 28, and 29.
- Asc. 25 ft. over SE. slope.
- 7.10 Small bench, bears NE. and SW.; thence asc. over gradual E. 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., on bedrock, and in a mound of stone, 4 ft. base, to top of post with brass cap mkd.
- T38N R4W
 $\frac{1}{4}$
S 29 | S 28
1958
- This corner falls on top of asc. ridge, bears E. and W.; desc. over general N. slope.
- 80.00 Point for the cor. of secs. 20, 21, 28, and 29.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, to top of post, with brass cap mkd.
- T38N R4W
S 20 | S 21
S 29 | S 28
1958
- Land, rolling.
Soil, sandy loam to rock.
Timber, Juniper; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
	From the cor. of secs. 21, 22, 27, and 28.
	N. 89° 45' W., bet. secs. 21 and 28.
	Over rolling N. slope; through desert grass land.
3.50	E. rim of canyon, bears NE. and SW.; desc. 160 ft. over rocky W. slope.
16.00	Wash in bottom of canyon, drains S.; asc. 150 ft. over rocky E. slope.
22.30	W. rim of canyon, bears N. and S., thence over S. slope.
24.70	Slope changes to SW. desc.
28.50	E. rim of Grama Canyon, bears N. and S.; desc. 140 ft. over rocky W. slope.
39.40	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 21, and 28.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.
	T38N R4W $\frac{1}{4}$ W S 21 C S 28 1958
39.84	True point for the $\frac{1}{4}$ sec. cor. of secs. 21, and 28, falls on N. bank of wash in Grama Canyon.
	Thence over rocky S. slope.
52.80	Wash, in Grama Canyon, drains SE.; asc. 130 ft. over NE. slope.
66.90	W. rim of Grama Canyon, bears NNW. and SSE.; thence over nearly level land.
75.00	Desc. 50 ft. over rocky W. slope.
78.40	Wash, drains NNE.; asc. 60 ft. over rocky E. slope.
79.68	The cor. of secs. 20, 21, 28, and 29,
	Land, rough to broken. Soil, rocky. No timber; undergrowth, desert grasses.
	N. 0° 02' W., bet. secs. 20, and 21.
	Desc. over E. to NE. slope; through desert grass land.
16.00	Desc. over N. slope.
32.00	Small wash, drains SE.
32.20	Rut road, bears NW. and SE., 5 chs. to end.; asc. 30 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 20, and 21.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top of post, with brass cap mkd.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

T38N R4W

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

S 20	S 21
------	------

1958

Asc. 40 ft. over S. slope.

72.00 Road, bears S. 75° E., and NW.; top of ascent, desc. over general N. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38N R4W

S 17	S 16
S 20	S 21

1958

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 15, 16, 21, and 22.

N. 89° 47' W., bet. secs. 16, and 21.

Over gently rolling N. slope, through desert grass land.

24.00 Fence; bears N. 26° 39' W. and S. 26° 39' E.

39.81 Point for the ¼ sec. cor. of secs. 16, and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, to top of post, with brass cap mkd.

T38N R4W

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

S 16	S 21
------	------

1958

Deposit broken glass alongside the iron post.

79.62 The cor. of secs. 16, 17, 20, and 21.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

N. 0° 02' W., bet. secs. 16, and 17.

Over gently rolling N. slope; through desert grass land.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

40.00

Point for the $\frac{1}{2}$ sec. cor. of secs. 16, and 17.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38N R4W

 $\frac{1}{2}$

S 17 | S 16

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, to the W. of cor.

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., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38N R4W

S 8 | S 9

S17 | S16

1958

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 9, 10, 15, and 16.

N. $89^{\circ} 47'$ W., bet. secs. 9, and 16.

Over gently rolling N. slope, through desert grass land.

39.80

Point for the $\frac{1}{2}$ sec. cor. of secs. 9, and 16.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T38N R4W

 $\frac{1}{2}$ S 9

S 16

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, N. of cor.

64.20

Fence, bears S. $26^{\circ} 39'$ E. and N. $26^{\circ} 39'$ W.

79.60

The cor. of secs. 8, 9, 16, and 17.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

N. $0^{\circ} 02'$ W., bet. secs. 8, and 9.

Over gently rolling N. slope, through desert grass land.

31.40

Fence, bears N. $26^{\circ} 39'$ W. and S. $26^{\circ} 39'$ E.

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., on bedrock, and in a mound of stone, 5 ft. base, to top of post, with brass cap mkd.

T38N R4W

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

1958

80.00

Point for the cor. of secs. 4, 5, 8, and 9.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38N R4W

S 5	S 4
S 8	S 9

1958

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 3, 4, 9, and 10.

N. $89^{\circ} 47'$ W., bet. secs. 4, and 9.

Over gently rolling N. slope, through desert grass land.

39.80

Point for the $\frac{1}{4}$ sec. cor. of secs. 4, and 9.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone, and earth, 5 ft. base, to top of post, with brass cap mkd.

T38N R4W

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

1958

Deposit broken glass alongside the iron post.

79.60

The cor. of secs. 4, 5, 8, and 9.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

N. 0° 02' W., bet. secs. 4, and 5.

Over gently rolling N. slope, through desert grass land.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 4, and 5.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38N R4W

 $\frac{1}{2}$

S 5 | S 4

1958

60.00 Fence, bears NE. and SW.

80.84 Intersect the S. bdy. of sec. 32, T. 39 N., R. 4 W.

Point for the closing cor. of secs. 4, and 5.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T39N R4W

S32

S 5 | S 4

c c

T38N R4W

1958

From this cor. the orig. cor. of secs. 4, 5, 32 & 33, Tps. 38 & 39 N., R. 4 W., which is monumented with an iron post, 3 ins. diam., set, mkd. & witnessed as described in the official record, bears E.; 46 lks. dist. I alter the markings to function for secs. 32 and 33 only.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

The point for the N. $\frac{1}{2}$ sec. cor. of sec. 4, at midpoint and on the N. bdy. of the sec.

At the corner point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd. $\frac{1}{2}$ S 4

T38N R4W

1958

From this cor. the orig. $\frac{1}{2}$ sec. cor. of secs. 4 & 33, Tps. 38 & 39 N., R. 4 W., which is monumented with an iron post, 1 in. diam., set, mkd. & witnessed as described in the official record, bears E., 68 lks. dist. I alter the markings to function for sec. 33 only.

From the cor. of secs. 29, 30, 31, and 32.

N. 89° 45' W., bet. secs. 30, and 31.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

Over gently rolling S. slope, through desert grass land.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 30, and 31.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T38N R4W

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

S 31

1958

Deposit broken glass alongside the iron post.

79.36

Intersect W. bdy., of the Tp., at the cor. of secs. 25, 30, 31, and 36, which is monumented with an iron post, set, marked, and witnessed as described in the official record.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 29, 30, 31 and 32.

N. 0° 02' W., bet. secs. 29, and 30.

Over nearly level land, through desert grass land.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 29, and 30.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T38N R4W

S 30 | S 29

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, 3 ft. base, W. of corner.

Thence over gently rolling N. slope.

41.00

Fence, bears NW. and SE.

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., 24 ins. in the ground, with brass cap mkd.

T38N R4W

S 19 | S 20

S 30 | S 29

1958

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

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

N. 89° 44' W., bet. secs. 20, and 29.

Over gently rolling N. slope, through desert grass land.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 20, and 29.

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

T38N R4W

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

S 29

1958

Deposit broken glass alongside the iron post.

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

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

N. 89° 41' W., bet. secs. 19, and 30.

Asc. 60 ft. over general E. slope, through desert grass land.

5.20 Road, bears NE. and SW.

39.00 Fence, bears NW. and SE.; top of asc.; desc. over rolling W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19, and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

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

S 30

1958

Deposit broken glass alongside the iron post.

79.24 Intersect W. bdy. of the Tp., at the cor. of secs. 19, 24, 25, and 30, which is monumented with an iron post, set, marked, and witnessed as described in the official record.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 19, 20, 29 and 30.

N. 0° 02' W., bet. secs. 19, and 20.

Over general E. slope, through desert grass land.

7.10 Road, bears NE. and SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19, and 20.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

Completion of the subdivision of Township 38 North, Range 4 West

Chains

T38N R4W

$$\frac{1}{2} \begin{array}{c} \uparrow \\ \text{S } 19 \mid \text{S } 20 \end{array}$$

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, W. of cor.

41.50 Road, bears E. and W.

80.00 Point for the cor. of secs. 17, 18, 19, and 20.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.

T38N R4W

$$\begin{array}{c} \text{S } 18 \mid \text{S } 17 \\ \text{S } 19 \mid \text{S } 20 \end{array}$$

1958

Deposit broken glass alongside the iron post.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 16, 17, 20; and 21:

N. 89° 46' W.; bet. secs. 17, and 20.

Over gently rolling N. slope, through desert grass land.

12.60 Road, bears NW. and SE.

39.98 Point for the ¼ sec. cor. of secs. 17, and 20.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, with brass cap mkd.

T38N R4W

$$\frac{1}{4} \begin{array}{c} \text{S } 17 \\ \text{S } 20 \end{array}$$

1958

Deposit broken glass alongside the iron post.

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

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

N. 89° 40' W., bet. secs. 18, and 19.

Asc. 40 ft. over E. slope, through desert grass land.

24.10 Top of asc. ridge spur slopes NNE.; desc. over general W. slope.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
33.20	Fence, bears NE. and SW.
40.00	Point for the cor. of secs. 18, and 19. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38N R4W ¼ S 18 S 19 1958
79.11	Intersect W. bdy. of the Tp., at the cor. of secs. 13, 18, 19, and 24, which is monumented with an iron post, set, marked, and witnessed as described in the official record. Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.
	From the cor. of secs. 17, 18, 19 and 20. N. 0° 02' W., bet. secs. 17, and 18. Over gently rolling N. slope, through desert grass land.
40.00	Point for the ¼ sec. cor. of secs. 17, and 18. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38N R4W ¼ S 18 S 17 1958
	Deposit broken glass alongside the iron post. Raise a mound of stone, W. of cor.
62.30	Fence, bears NE. and SW.
80.00	Point for the cor. of secs. 7, 8, 17, and 18. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
	T38N R4W S 7 S 8 S 18 S 17 1958
	Deposit broken glass alongside the iron post. Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.

Completion of the subdivision of Township 38 North, Range 4 West

Chains	
	From the cor. of secs. 8, 9, 16, and 17.
	N. 89° 46' W., bet. secs. 8, and 17.
	Over gently rolling N. slope, through desert grass land.
37.70	Road, bears N. and S.
39.97	Point for the $\frac{1}{4}$ sec. cor. of secs. 8, and 17.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 19 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
	<div style="text-align: center;"> T38N R4W $\frac{1}{4}$ $\frac{S 8}{S 17}$ 1958 </div>
	Deposit broken glass alongside the iron post.
65.70	Fence, bears NE. and SW.
79.94	The cor. of secs. 7, 8, 17, and 18.
	Land, rolling.
	Soil, sandy loam.
	No timber; undergrowth, desert grasses.
	N. 89° 41' W., bet. secs. 7, and 18.
	Over gently rolling N. slope, through desert grass land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7, and 18.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam.; 16 ins. in the ground, and in a mound of stone, to top of post, with brass cap mkd.
	<div style="text-align: center;"> T38N R4W $\frac{1}{4}$ $\frac{S 7}{S 18}$ 1958 </div>
58.60	Road, bears NE. & SW.
78.96	Intersect W. bdy. of the Tp., at the cor. of secs. 7, 12, 13, and 18, which is monumented with an iron post, set, marked, and witnessed as described in the official record.
	Land, rolling.
	Soil, sandy loam.
	No timber; undergrowth, desert grasses.
	From the cor. of secs. 7, 8, 17 and 18.
	N. 0° 02' W., bet. secs. 7, and 8.
	Over gently rolling N. slope, through desert grass land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7, and 8.

Completion of the Subdivision of Township 38 North, Range 4 West

Chains	
80.00	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S7 S8 1958</p> <p>Deposit broken glass alongside iron post.</p> <p>Point for the cor. of secs. 5, 6, 7 and 8.</p> <p>Set an iron post, 30 ins. long; 2½ ins. diam., on bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W S6 S5 S7 S8 1958</p> <p>Deposit broken glass alongside iron post.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
22.40 28.80 39.98 79.96	<p>From the cor. of secs. 4, 5, 8 and 9.</p> <p>N. 89° 45' W., bet. secs. 5 and 8.</p> <p>Over gently rolling N. slope, through desert grass land.</p> <p>Fence, bears N. 26° 39' W. and S. 26° 39' E.</p> <p>Road, bears NW. and SE.</p> <p>Point for the ¼ sec. cor. of secs. 5 and 8.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T38N R4W ¼ S 5 S 8 1958</p> <p>Deposit broken glass alongside the iron post:</p> <p>Raise a mound of stone N. of cor.</p> <p>The cor. of secs. 5, 6, 7 and 8.</p> <p>Land, rolling. Soil, sandy loam. No timber; undergrowth, desert grasses.</p>
15.70	<p>N. 89° 40' W., bet. secs. 6 and 7.</p> <p>Over gently rolling N. slope, through desert grass land.</p> <p>Road, bears NNE. and SSW.; desc. over general NW. slope.</p>

Completion of the Subdivision of Township 38 North, Range 4 West

Chains

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38N R4W

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

1958

Deposit broken glass alongside the iron post.

Raise a mound of stone, N. of cor.

Thence desc. over general W. to NW. slope.

66.30

Wash, 8 ft. deep, 40 lks. wide, drains NNE.; asc. over E. slope.

78.90

Intersect W. bdy. of the Tp., at the cor. of secs. 1, 6, 7 and 12, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

From the cor. of secs. 5, 6, 7 and 8.

N. $0^{\circ} 02'$ W., bet. secs. 5 and 6.

Over gently rolling N. slope, through desert grass land.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R4W

S6|S5

1958

Deposit broken glass alongside iron post.

66.10

Road, bears NNE. and SSW.

80.48

Intersect S. bdy. of sec. 31, T. 39 N., R. 4 W.

Point for the closing cor. of secs. 5 and 6.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T39N R4W

S31

S6|S5

C C

T38N R4W

1958

From this cor. the cor. of secs. 5, 6, 31 & 32, T. 38 & 39 N., R. 4 W., which is monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 26 lks. dist. I alter the markings to function for secs. 31 and 32 only.

Land, rolling.

Soil, sandy loam.

No timber; undergrowth, desert grasses.

Completion of the Subdivision of Township 38 North, Range 4 West

Chains

The point for the N. $\frac{1}{4}$ sec. cor. of sec. 5, at midpoint and on the N. bdy. of the Tp.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

 $\frac{1}{4}$ S5
T38N R4W
1958

From this cor., the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, Ts. 38 and 39 N., R. 4 W., which is monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 36 lks. dist. I alter the markings to function for sec. 32 only.

The point for the N. $\frac{1}{4}$ sec. cor. of sec. 6, at 40.00 chs. dist. from the east and on the N. bdy. of the Tp.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a mound of stone, with brass cap mkd.

 $\frac{1}{4}$ S6
T38N R4W
1958

From this cor., the original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, Ts. 38 and 39 N., R. 4 W., which is monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 26 lks. dist. I alter the markings to function for sec. 31 only.

Land, rolling.

Soil, sandy loam.

Timber, none; undergrowth, desert grasses.

GENERAL DESCRIPTION

The land within Township 38 North, Range 4 West is principally rolling to broken land, with a general northerly exposure and drainage, except for the south part of the township; a low divide runs E. and W. from about the E. $\frac{1}{4}$ section corner of section 25, and west to a point near the center of section 19. The township has a southerly exposure and drainage. The general elevation is about 5,000 ft. above sea level.

There is one large canyon (Grama Canyon) in the south part of the township, which enters the township on the west boundary near the $\frac{1}{4}$ section corner of section 31 and leaves on the south boundary near the section corner of sections 33 and 34.

The soil is principally sandy loam with numerous rock rims and rock outcrops. The township is covered with desert grasses and a scattered growth of junipers in section 29.

Mount Trumbull Road, an improved dirt road, bears southwesterly from the north boundary of section 5 and leaves on the west boundary of section 18; runs north to Fredonia, Arizona and south to Grand Canyon National Monument.

37

CERTIFICATE OF CADASTRAL ENGINEER

I, DeWitt A. Crain, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 9th day of October, 1958, I have surveyed made the completion survey of the subdivisional lines of Township 38 North, Range 4 West

of the Gila & Salt River 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.

July 2, 1959

Salt Lake City, Utah

DeWitt A. Crain

Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

OCT 23 1961

Washington, D. C., 19

The foregoing field notes of the survey of completion survey of subdivisional lines of Township 38 North, Range 4 West, Gila and Salt River Meridian, Arizona.

executed by DeWitt A. Crain, Cadastral Surveyor

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

Chief, Division of Engineering

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T 38 N., R. 4 W., G & SR Mer., Ariz, is a true copy of the original field notes.

Cadastral Engineering Staff Officer