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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Of the Dependent Resurvey of the

West Boundary of Township 4 North, Range 19 West

and

the Survey of a Portion of the South Boundary and

Subdivision of Township 4 North, Range 20 West.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Ty White and Claude F. Warner, Cadastral Engineers

Under special instructions dated May 12, 1947, which provided
for the surveys included under Group No. 254, approved July 11, 1947
and assignment instructions dated December 21, 1950

Survey commenced December 29, 1950

Survey completed February 8, 1951

4403

4403



1A

BOOK 5410

INDEX DIAGRAM

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16-56770-1

- Dependent Resurvey by Ty White
- Survey by " "
- Independent Resurvey by Claude F. Warner
- Survey by " "

T. 4 N., R. 20 W.

The west boundary of Townships 3 and 4 North, Range 19 West was surveyed by Woodbury Abbey, U. S. Surveyor and Roy J. Gill, U. S. Transitman, in 1915. The south three miles of the limiting line on the west of this survey consists of the former boundary of the Colorado River Indian Reservation and the north three miles is the present boundary, and was surveyed by Guy P. Harrington, U. S. Surveyor, in 1912. These surveys are represented upon the township plats approved December 24, 1917 and December 6, 1915 respectively. The following field notes are those of the resurvey of the west boundary of Township 4 North, Range 19 West and the survey of a portion of the south boundary and subdivisional lines of Township 4 North, Range 20 West.

The survey was executed with light mountain solar transits, made by Buff and Buff, serial Nos. 16724 and 23816, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition and having been placed in satisfactory adjustment prior to the beginning of the survey, were tested and found free from appreciable error.

The direction of the lines are determined by the solar transit method. The measurements were made with a Lufkin steel tape, 5 chains in length, graduated to tenths of a link for the first 10 links, every link for the balance of the first 100 links, and the remainder at intervals of 10 links. The tape was tested by comparison with a 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 only are entered in this field note record. Lines connecting previously established corners are run by the random and true method but the random lines are omitted from the field notes.

The data furnished with the special instructions give the geographic position of the SE. corner of the Tp. as latitude $33^{\circ} 38' 11''$ N. and longitude $114^{\circ} 15' 50''$ W. Elevation approximately 1025 ft.

January 2, 1951, at camp in sec. 1, T. 3 N., R. 20 W., Gila and Salt River Meridian, Arizona, I make an hour angle observation on Polaris E. of the meridian for azimuth and latitude; making four observations, two each with the telescope in direct and reversed positions, observing simultaneously the vertical angle to Polaris and the horizontal angle from the E. edge of Sahuaro Cactus on the skyline 2 miles northwesterly, east to Polaris. My watch reads correct Mountain Standard Time as checked by radio time signals.

Mean watch time of observation	5h 48m 18s p.m.
Watch fast of l.m.t.	0h 37m 06s
Mean horizontal deflection angle	4° 41' 30"
Azimuth of Polaris	0° 32' 24"
True bearing of reference point	N. 4° 09' 06" W.
Mean observed vertical angle	34° 30' 16"
Reduced latitude	33° 38' 10" N.

Every 30m from 8 to 10:30 a.m. and from 1:30 to 4 p.m., we make proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observation, has a maximum error of less than $1' 30''$.

We repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

The mean observed magnetic declination is 14° E.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Amendment of the survey as executed by Woodbury Abbey, U. S. Surveyor and Roy J. Gill, U. S. Transitman, in 1915 in which the corners along this line were marked as corners of maximum control. The function of these corners is changed to refer to the sections of T. 4 N., R. 19 W. only and the following alterations are made in the corner monuments.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains

The cor. of Tps. 3 and 4 N., Rs. 19 and 20 W. is monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read

		T 4 N
		R 19 W
T 4 N		S 31
R 20 W		S 6
S 36		T 3 N
		1915

Rebuild the mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Thence

N. 0° 02' W., along the W. bdy. of sec. 31.

Over gently rolling land, through scattering timber and undergrowth.

3.05 Wash, 15 lks. wide, 2 ft. deep, course E.

8.95 Graded road, bears N. 20° E. and S. 20° W.

23.45 Wash, 15 lks. wide, 2 ft. deep, course NE.

27.05 Point for the $\frac{1}{4}$ sec. cor. of sec. 36 of R. 20 W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 36
1951

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

39.97 The $\frac{1}{4}$ sec. cor. of secs. 31 and 36, monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on brass cap to read.

$\frac{1}{4}$ S 31
1915

Rebuild the mound of stone, 3 ft. base, 2 ft. high, E. of cor.

N. 0° 01' E., beginning new measurement.

2.05 Wash, 30 lks. wide, 3 ft. deep, course E.

13.50 House, bears EAST, approximately 2.50 chs. dist.

19.15 U. S. Highway NO. 60-70, bears N. 70° E. and S. 70° W.

25.88 Power line, bears N. 7° W. and S. 7° E.

26.78 Same power line, bears N. 63 $\frac{1}{2}$ ° E. and S. 63 $\frac{1}{2}$ ° W., 12 lks. dist. to a bend in the line.

27.08 Point for the cor. of secs. 25 and 36 of R. 20 W. which falls in the center of old highway.

Bury a granite stone, 8x8x8 ins., 12 ins. below the surface of the road, mkd. X.

from which

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains

An iron post, 3 ft. long, 1 in. diam., set 28 ins. in the ground, for a reference monument, bears N. 45° W., 70.7 lks. dist., with brass cap mkd. T4N R20W S 25 RM 1951 and an arrow pointing to the corner.

An iron post, 3 ft. long, 1 in. diam., set 28 ins. in the ground, for a reference monument, bears S. 45° W., 70.7 lks. dist., with brass cap mkd. T4N R20W S 36 RM 1951 and an arrow pointing to the corner.

28.15 Right bank of wash, bears E. and W.

37.05 Left bank of wash, bears E. and W.

39.99 The cor. of secs. 25, 30, 31 and 36, monumented by an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read

T 4 N	T 4 N
	S 30
R 2 0 W	S 31
S 25	R 19 W
	1915

Rebuild the mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling.

Soil, gravelly.

Timber, ironwood, palo verde; undergrowth, greasewood.

N. 0° 01' W., along the W. bdy. of sec. 30.

Over rolling land, through scattering timber and undergrowth.

9.60 Gas line, bears E. and W.

11.90 Wash, 20 lks. wide, 2 ft. deep, course E.

18.10 Old road, bears E. and W.

26.59 Point for the witness $\frac{1}{4}$ sec. cor. of sec. 25 of R. 20 W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

	W C
	↑
$\frac{1}{4}$ S 25	
	1951

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

27.09 True point for the $\frac{1}{4}$ sec. cor. of sec. 25 of R. 20 W., falls in a wash, 40 lks. wide, 2 ft. deep, course E.

30.70 Wash, 30 lks. wide, 2 ft. deep, course SE.

33.10 Right bank of wash, bears NW. and SE.

37.70 Left bank of wash, bears NW. and SE.

39.97 The $\frac{1}{4}$ sec. cor. of secs. 25 and 30, monumented by an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains	Change the markings on the brass cap to read
	$\begin{array}{c} \frac{1}{4} \text{ S } 30 \\ \\ 1915 \end{array}$
	Rebuild the mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor.
	<hr style="width: 20%; margin: auto;"/>
	N. $0^{\circ} 02'$ W., beginning new measurement.
5.72	Telephone line, bears E. and W.
7.20	Old road, bears E. and W.
27.12	Point for the cor. of secs. 24 and 25 of R. 20 W.
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.
	$\begin{array}{c c} \text{T 4 N} & \text{T 4 N} \\ \text{S 24} & \\ \hline & \text{R 19 W} \\ \text{S 25} & \\ \text{R 20 W} & \text{S 30} \\ 1951 & \end{array}$
39.41	The witness corner of secs. 19, 24, 25 and 30, monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.
	Change the markings on the brass cap to read
	$\begin{array}{c} \text{W C} \\ \text{T 4 N} \uparrow \text{T 4 N} \\ \text{S 19} \\ \hline \text{R 20 W} \quad \text{S 30} \\ \text{S 24} \quad \text{R 19 W} \\ 1915 \end{array}$
	Rebuild the mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor.
39.91	True point for the cor. of secs. 19 and 30, falls in a wash, 40 lks. wide, 8 ft. deep, course E. Land, rolling. Soil, gravelly and rocky. Timber, ironwood and palo verde.
	N. $0^{\circ} 04'$ E., along the W. bdy. of sec. 19. Over rolling land, through scattering timber.
27.21	Point for the $\frac{1}{4}$ sec. cor. of sec. 24 of R. 20 W.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \text{ S } 24 \\ \\ 1951 \end{array}$
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
36.40	Wash, 40 lks. wide, 9 ft. deep, course E.
40.19	The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, monumented with an iron post, 1 in diam., firmly set, marked and witnessed as described in the official record.
	Change the markings on the brass cap to read.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains

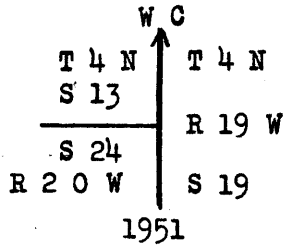
| ¼ S.19
1915

Rebuild the mound of stone, 2½ ft. base, 2½ ft. high, E. of cor.

N. 0° 08' W., beginning new measurement.

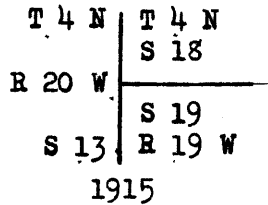
- 6.70 Wash, 15 lks. wide, 9 ft. deep, course N. 70° E.
- 13.50 Old road, bears E. and W.
- 16.70 Wash, 30 lks. wide, 2 ft. deep, course E.
- 19.50 Begin the ascent of the S. slope of a spur.
- 26.92 Point for the witness corner of secs. 13 and 24 of R. 20 W.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.



- 27.02 True point for the cor of secs. 13 and 24 of R. 20 W., falls on a steep, sloping face of a rock outcrop.
- Ascend 43 ft. over S. slope.
- 28.40 Spur, slopes E.; desc. 120 ft. over N. slope.
- 38.60 Wash, 25 lks. wide, 3 ft. deep, course E.
- 40.27 The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read.



Rebuild mound of stone, 3 ft. base, 2½ ft. high, E. of cor.

Land, rolling.
Soil, rocky and gravelly.
Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 02' E., along the W. bdy. of sec. 18.
Over rolling land, through scattering timber and undergrowth.

- 2.15 Wash, 20 lks. wide, 8 ft. deep, course E.
- 9.95 Old road, bears NW. and SE.
- 18.25 Wash, 20 lks. wide, 5 ft. deep, course E.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains
26.75

Point for the $\frac{1}{4}$ sec. cor. of sec. 13 of R. 20 W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 13
 1951

raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

27.15 Wash, 15 lks. wide, 2 ft. deep, course E.

33.65 Wash, 15 lks. wide, 2 ft. deep, course E.

40.08 The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read.

$\frac{1}{4}$ S 18
 1915

Rebuild the mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, E. of cor.

N. $0^{\circ} 16'$ E., beginning new measurement.

10.35 Old road, bears NE. and SW.

26.67 Point for the cor. of secs. 12 and 13 of R. 20 W.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	T 4 N
S 12	
S 13	R 19 W
R 20 W	S 18
1951	

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

31.35 Old road, bears NW. and SE.

31.75 Recross road, bears NE. and SW.

33.75 Wash, 60 lks. wide, 4 ft. deep, course N. 30° E.

38.65 Enter same wash, thence along bed of same.

39.00 Leave right bank of wash.

40.15 The cor. of secs. 7, 12, 13 and 18, monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read.

T 4 N	T 4 N
R 20 W	S 7
S 12	S 18
	R 19 W
1915	

Rebuild the mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor.

Land, rolling.

Soil, rocky and gravelly.

Timber, ironwood, palo verde, cats-claw; undergrowth, greasewood.

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains

N. 0° 21' W., along the W. bdy. of sec. 7.

Over rolling land, through scattering timber.

1.00 Right bank of wash, bears N. 10° E. and S. 10° W.

7.00 Left bank of wash, bears N. 80° E. and S. 20° W.; asc. 38 ft. over S. slope.

8.00 Spur, slopes SE.; desc. 30 ft. over N. slope.

10.60 Wash, 20 lks. wide, 5 ft. deep, course E.; asc. 36 ft. over S. slope.

15.20 Spur, slopes E.; desc. 57 ft. over N. slope.

20.20 Wash, 10 lks. wide, 4 ft. deep, course E.; asc. 18 ft. over S. slope.

23.30 Spur, slopes E.; desc. 30 ft. over N. slope.

26.30 Wash, 20 lks. wide, 2 ft. deep, course E.

26.52 Point for the $\frac{1}{4}$ sec. cor. of sec. 12 of R. 20 W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 12
1951

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

Ascend 36 ft. over S. slope.

32.50 Spur, slopes E.; desc. 34 ft. over N. slope.

36.00 Wash, 15 lks. wide, 2 ft. deep, course E.; asc. 32 ft. over S. slope.

39.10 Spur, slopes E.; desc. gradual N. slope.

40.10 The $\frac{1}{4}$ sec. cor. of secs. 7 and 12, monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read

$\frac{1}{4}$ S 7
1915

Rebuild the mound of stone, 2 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, E. of cor.

N. 0° 01' W., beginning new measurement.

2.25 Leave rolling land, enter nearly level land, bears E. and W.

3.20 Right bank of large wash channel, bears E. and W.

15.40 Left bank of wash channel, bears E. and W.; continue across numerous small channels of washland, general drainage E.

26.42 Point for the cor. of secs. 1 and 12 of R. 20 W.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N | T 4 N
S 1 |
S 12 | R 19 W
R 20 W | S 7
1951

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

Dependent Resurvey of the West Boundary of T. 4 N., R. 19 W.

Chains
40.08

The cor. of secs. 1, 6, 7, and 12, monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

Change markings on brass cap to read

T 4 N	T 4 N
	S 6
R 20 W	
S 1	S 7
	R 19 W
	1915

Rebuild the mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, E. of cor.

Land, S. $\frac{1}{2}$ mile; hilly; N. $\frac{1}{2}$ mile, rolling.

Soil, rocky and gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

N. $0^{\circ} 04'$ W., along the W. bdy. of sec. 6.

Over nearly level land, through scattering timber and undergrowth.

13.35 Wash, 15 lks. wide, 2 ft. deep, course E. from SW.; leave level lowland, enter rolling land, bears E. and W.; asc. 40 ft. over S. slope.

15.00 Top of low ridge spur, slopes NE.; desc. gradual, general N. slope.

26.34 Point for the $\frac{1}{4}$ sec. cor. of sec. 1 of R. 20 W.

Set an iron post, 3 ft. long, 1 in. diam.; 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 1
1951

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

40.02 The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read.

$\frac{1}{4}$ S 6
1915

Rebuild the mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, E. of cor.

N. $0^{\circ} 03'$ W., beginning new measurement.

25.50 Wash, 20 lks. wide, 3 ft. deep, course N. 20° E.

32.35 The closing corner of Tps. 4 N., Rs. 19 and 20 W., monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record.

From this closing corner, the standard cor. of secs. 31 and 32, T. 5 N., R. 19 W., bears EAST, 6.94 chs. dist., and is monumented with a malpais stone, 8x8 ins., 6 ins. above ground, marked and witnessed as described in the official record.

From the same corner, the standard $\frac{1}{4}$ sec. cor. of sec. 31, T. 5 N., R. 19 W., bears WEST, 33.06 chs. dist., and is monumented with a malpais stone, 8x8 ins., 6 ins. above ground, marked and witnessed as described in the official record.

Land, rolling.

Soil, rocky and gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

South Boundary of T. 4 N., R. 20 W.

Chains

At the point for the cor. of Tps. 3 and 4 N., R. 20 W., on the W. bdy. of T. 3 N., R. 19 W., which is due EAST of the closing corner of secs. 6 and 31, Tps. 3 and 4 N., R. 20 W. on the former boundary of the Colorado River Indian Reservation

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	T 3 N
R 20 W	R 19 W
S 36	S 6
S 1	
T 3 N	
1951	

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

From this corner, the cor. of Tps. 3 and 4 N., R. 19 W., bears N. $0^{\circ} 01'$ E., 12.95 chs. dist.

From the same corner, the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, bears S. $0^{\circ} 01'$ W., 27.10 chs. dist. and is monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Thence .

WEST, bet. secs. 1 and 36.

Over gently rolling land, through scattering timber and undergrowth.

0.75 Graded road, bears N. and S.

20.50 Wash, 10 lks. wide, 3 ft. deep, course N. 20° E.

25.00 Wash, 15 lks. wide, 4 ft. deep, course NE.

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

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 36
$\frac{1}{4}$ ———
S 1
1950

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

71.00 Wash, 20 lks. wide, 3 ft. deep, course NE.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	R 20 W
S 35	S 36
S 2	S 1
T 3 N	
1950	

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

Land, rolling.

Soil, gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

South Boundary of T. 4 N., R. 20 W.

Chains

WEST, bet. secs. 2 and 35.

Over rolling land, through scattering timber and undergrowth.

3.50 Old road, bears NE. and SW.

13.60 Wash, 20 lks. wide, 2 ft. deep, course NE.

24.00 Wash, 50 lks. wide, 3 ft. deep, course N. 20° E.

37.00 Wash, 20 lks. wide, 2 ft. deep, course NE.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 35.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

S 35

S 1

1950

41.00 Ascend 89 ft. over E. slope.

48.00 Spur, slopes S.; desc. 67 ft. over W. slope.

55.60 Draw, 1 chain wide, drains SE.; asc. 99 ft. over E. slope.

59.40 Top of peak; desc. 110 ft. over W. slope.

71.40 Wash, 10 lks. wide, 2 ft. deep, course NE.

75.00 Ascend 76 ft. over E. slope.

80.00 Point for the cor. of secs. 2, 3, 34 and 35.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.

T 4 N R 20 W

S 34 | S 35

S 3 | S 2

T 3 N

1950

Land, E. $\frac{1}{2}$ mile rolling; W. $\frac{1}{2}$ mountainous.

Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

WEST, bet. secs. 3 and 34.

Over mountainous land, through scattering timber and undergrowth.

Ascend 101 ft. over E. slope.

3.15 Top of peak; desc. 199 ft. over W. slope.

12.40 Foot of steep descent, bears N. and S.; thence over rolling land.

17.40 Wash, 20 lks. wide, 1 ft. deep, course N. 20° E.

18.20 Graded road, along a gas line, bears NW. and SE.

19.30 Old road, bears NE. and SW.

24.00 Wash, 15 lks. wide, 2 ft. deep, course N. 20° E.

36.50 Wash, 20 lks. wide, 2 ft. deep, course NE.

South Boundary of T. 4 N., R. 20 W.

Chains

40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, and in a mound of stone, to top, with brass cap mkd. $\begin{array}{r} S. 34 \\ \frac{1}{4} \text{ ---} \\ S 3 \\ 1950 \end{array}$ Ascend 119 ft. along the N. slope of Sugar Loaf Peak.
57.30	Spur, slopes N.; desc. 121 ft. over W. slope.
72.20	Wash, 20 lks. wide, 3 ft. deep, course N. 20° E.
78.00	Right bank of wash, bears N. 80° E. and S. 80° W.
80.00	True point for the cor. of secs. 3, 4, 33 and 34, falls in wash, 20 lks. wide, course N. 80° E. For the description of the witness corner, see the field notes of the line bet. secs. 33 and 34. Land, E. 12 chs., mountainous; remainder, rolling mountainous. Soil, rocky and gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.
	From the true point for the cor. of secs. 3, 4, 33 and 34. WEST, bet. secs. 4 and 33. Over mountainous land, through scattering timber and undergrowth.
2.00	Left bank of wash, bears N. 80° E. and S. 80° W.; asc. 121 ft. along S. slope.
17.70	Ridge, bears N. and S.; desc. 165 ft. over W. slope.
30.35	Wash, 50 lks. wide, 2 ft. deep, course N.
31.00	Road, bears S. to Arizona- Leadville Mine and N. to Highway No. 60-70.
32.40	Old road, bears NE. and SW.
36.00	Old road, bears NE. and SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{r} S 33 \\ \frac{1}{4} \text{ ---} \\ S 4 \\ 1951 \end{array}$ raise a mound of stone, 2 $\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. high, N. of cor. From this corner, the center of the shaft of the Arizona-Leadville Mining Corp. Mine, bears S. 33° 54' E., 7.64 chs. dist.
44.20	Old road, bears NW. and SE.
45.00	Ascend 34 ft. along N. slope of a hill.
51.00	Top of ascent; desc. 40 ft. along N. slope.
58.50	Ravine, course N.
61.00	Ascend 37 ft. along S. slope of a short spur.

South Boundary of T. 4 N., R. 20 W.

Chains 68.00	Spur, slopes N.; desc, 100 ft. over W. slope.
79.00	Point for the witness corner, of secs. 4, 5, 32 and 33. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	<pre> T 4 N R 20 W S 32 S 33 W C ← S 5 S 4 T 3 N 1951 </pre>
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
80.00	True point for cor. of secs. 4, 5, 32 and 33 falls in a wash, 30 lks. wide, course N. 30° W. Land, rolling mountainous. Soil, rocky and gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.
	From the true point for the cor. of secs. 4, 5, 32 and 33. WEST, bet. secs. 5 and 32. Over mountainous land, through scattering timber and undergrowth.
5.40	Wash, 25 lks. wide, 3 ft. deep, course N.
6.50	Ascend 12 ft. over NE. slope.
8.50	Top of ascent; desc. NW. slope.
9.00	Wash, 30 lks. wide, 3 ft. deep, course NE.; asc. 63 ft. over E. slope.
17.30	Spur, slopes N.; desc. 91 ft. over W. slope.
22.10	Wash, 20 lks. wide, 3 ft. deep, course N.; asc. 46 ft. over E. slope.
23.50	Spur, slopes N. 20° E.; desc. 23 ft. over W. slope.
28.50	Ravine, course NE.; asc. 54 ft. over E. slope.
33.20	Spur, slopes NE.; desc. 82 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	<pre> S 32 ——— $\frac{1}{4}$ S 5 1951 </pre>
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
42.60	Wash, 40 lks. wide, 3 ft. deep, course NE.; asc. 115 ft. over E. slope.
53.80	Top of hill; desc. 112 ft. over W. slope.
55.75	Ravine, course N.; asc. 164 ft. over E. slope.
63.90	Spur, slopes N.; desc. 166 ft. over W. slope.
74.30	Wash, 50 lks. wide, 4 ft. deep, course NW.

South Boundary of T. 4 N., R. 20 W.

Chains
80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	R 20 W
S 31	S 32
S 6	S 5
T 3 N	
1951	

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

Land, rolling mountainous.

Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

WEST, bet. secs. 6 and 31.

Over mountainous land, through scattering timber and undergrowth.

- 6.30 Wash, 30 lks. wide, 2 ft. deep, course N.; asc. 85 ft. over E. slope.
- 13.10 Spur, slopes NE.; desc. 154 ft. over W. slope.
- 18.50 Wash, 50 lks. wide, 3 ft. deep, course N.; asc. 96 ft. over E. slope.
- 26.40 Spur, slopes NE.; desc. 74 ft. over W. slope.
- 33.85 Wash, 25 lks. wide, 3 ft. deep, course NW; asc. 143 ft. over E. slope.
- 40.00 Point for the ¼ sec. cor. of secs. 6 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

S 31	
├───┤	
S 6	
1951	

- 44.78 The closing corner of secs. 6 and 31 on the former boundary of the Colorado River Indian Reservation, which is monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on the brass cap to read

T 4 N	R 20 W
S 31	S 31
T 3 N	CC
S 6	S 6
1912 1951	

Land, mountainous.

Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

Subdivision of T. 4 N., R. 20 W.

Chains

Beginning the subdivisional survey at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 35 and 36.

Over rolling land, through scattering timber and undergrowth.

1.10 Dim road, bears E. and W.

10.70 Dim road, bears NW. and SE.

18.70 Wash, 15 lks. wide, 1 ft. deep, course NE.

35.25 Wash, 40 lks. wide, 2 ft. deep, course E.

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

Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 35 \text{ --- } | \text{ --- } \text{S } 36 \\ 1951 \end{array}$$

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

58.70 Gas line, bears N. 70° E. and S. 70° W.

60.00 Dim road, bears E. and W.

67.53 U. S. Highway No. 60-70, bears N. of E. and WSW.

69.90 Road, bears NW. to the Mariquitta Mine and SE. to Highway No. 60-70.

70.80 Old highway, bears E. and W.

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

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T } 4 \text{ N } \text{ R } 20 \text{ W} \\ \text{S } 26 \text{ --- } | \text{ --- } \text{S } 25 \\ \text{---} | \text{---} \\ \text{S } 35 \text{ --- } | \text{ --- } \text{S } 36 \\ 1951 \end{array}$$

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

Land, rolling.

Soil, gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 25 and 36 on the E. bdy. of the Tp.

S. 89° 59' W., bet. secs. 25 and 36.

Over rolling land, through scattering timber and undergrowth.

Along old highway.

3.20 Leave old highway, bears S. 70° W. and E.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{S } 25 \\ \frac{1}{4} \text{ ---} \\ \text{S } 36 \\ 1951 \end{array}$$

Subdivision of T. 4 N., R. 20 W.

Chains

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

47.60 Gas line, bears NE. and SW.

48.80 Old road, bears NE. and SW.

64.50 Right bank of wash, bears N. 70° E. and S. 70° W.

75.00 Right bank of wash, bears S. 70° E. and N. 70° W.

79.98 The cor. of secs. 25, 26, 35 and 36.

Land, rolling.

Soil, gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

N. 0° $03'$ W., bet. secs. 25 and 26.

Over rolling land, through scattering timber and undergrowth.

0.75 Right bank of wash, bears N. 70° W. and S. 70° E., thence across wash land.

21.30 Left bank of wash, bears E. and W.

32.80 Wash, 20 lks. wide, 2 ft. deep, course SE.

39.00 Road, bears NW. and SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S 26 | S 25
 1951

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

45.00 Old road, bears E. and W.

45.90 Telephone line, bears E. and W.

50.80 Wash, 40 lks. wide, 4 ft. deep, course S. 30° E.

68.20 Old road, bears ENE. and WNW.

68.60 Wash, 20 lks. wide, 5 ft. deep, course SE.

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

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N R 20 W
 S 23 | S 24
 S 26 | S 25
 1951

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

Land, rolling.

Soil, gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

Subdivision of T. 4 N., R. 20 W.

Chains

From the cor. of secs. 24 and 25 on the E. bdy. of the Tp.

N. 89° 54' W., bet. secs. 24 and 25.

Over rolling land, through scattering timber and undergrowth.

Ascend 197 ft. over E. slope.

13.00 Spur, slopes SE., continue ascent along S. slope.

15.90 Spur, slopes S.; desc. 162 ft. over W. slope.

24.80 Wash, 15 lks. wide, 3 ft. deep, course S. 30° E.

28.90 Wash, 20 lks. wide, 3 ft. deep, course S. 30° E.

39.75 Ravine, course S. 30° E.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 24
 $\frac{1}{4}$ —————
 S 25
 1951

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

52.00 Wash, 20 lks. wide, 6 ft. deep, course S.

71.70 Wash, 20 lks. wide, 4 ft. deep, course S. 30° E.

79.98 The cor. of secs. 23, 24, 25 and 26.

Land, E. 25 chs., mountainous; remainder of mile rolling.
 Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 03' W., bet. secs. 23 and 24.

Over rolling land, through scattering timber and undergrowth.

10.00 Right bank of wash, bears NW. and SE.

13.70 Left bank of wash, bears NW. and SE.

18.90 Ascend 52 ft. over SW. slope.

27.50 Spur, slopes SE.; desc. 29 ft. over NE. slope.

34.00 Wash, 15 lks. wide, 3 ft. deep, course S. 30° E.

37.50 Ascend 21 ft. over S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$
 S 23 | S 24
 1951

Ascend 143 ft. along top of a spur.

Chains
 49.60 Leave top of spur, slopes S. from N. 40° E.; continue ascent.
 52.00 Gulch, course S. 30° W.; asc. 297 ft. over S. slope.
 60.00 High spur, slopes E.; desc. 444 ft. along E. slope of long spur.
 80.00 Point for the cor. of secs. 13, 14, 23 and 24.
 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

T 4 N	R 20 W
S 14	S 13
S 23	S 24
1951	

Land, S. 19 chs., rolling; remainder of mile, mountainous.
 Soil, rocky and gravelly.
 Timber, palo verde; undergrowth, greasewood.

From the true point for the cor. of secs. 13 and 24, on the E. bdy. of the Tp.

N. 89° 58' W., bet. secs. 13 and 24.

Over mountainous land, through scattering timber.

Ascend 59 ft. over E. slope.

3.80 Spur, slopes SE.; desc. 89 ft. along S. slope of spur.
 14.00 Head of ravine, course SE.; asc. 126 ft. along S. slope of spur.
 25.60 Top of long spur, slopes N.; continue ascent of 66 ft. along N. slope.
 35.00 Spur, slopes N.; desc. 46 ft. over NW. slope.
 37.00 Ravine, course N.; continue descent over NW. slope.
 39.97 Point for the $\frac{1}{4}$ sec. cor. of sec. 13 and 24.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	S 13	
	S 24	
1951		

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

Descend 16 ft. over W. slope.

41.00 Wash, 20 lks. wide, 2 ft. deep, course N.; asc. 144 ft. over E. slope.
 46.50 Spur, slopes N.; desc. 97 ft. over W. slope.
 53.00 Wash, 30 lks. wide, 3 ft. deep, course N.; asc. 97 ft. over E. slope.
 55.80 Spur, slopes N.; desc. 57 ft. along N. slope of spur.
 70.00 Wash, 20 lks. wide, 5 ft. deep, course N.; asc. 75 ft. over E. slope.
 79.94 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.
 Soil, rocky.
 Timber, palo verde; undergrowth, greasewood.

Subdivision of T. 4 N., R. 20 W.

Chains

N. 0° 03' W., bet. secs. 13 and 14.

Over mountainous land, through scattering timber and undergrowth.

Descend 83 ft. along E. slope of spur.

- 6.50 Wash, 30 lks. wide, 4 ft. deep, course E.; asc. 292 ft. over S. slope.
 15.70 Spur, slopes SE.; desc. 193 ft. over NE. slope.
 26.00 Wash, 20 lks. wide, 5 ft. deep, course SE.; asc. 123 ft. over S. slope.
 34.00 Spur, slopes E.; desc. 214 ft. over N. slope.
 36.00 Wash, 30 lks. wide, 6 ft. deep, course E.; asc. 39 ft. over S. slope.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S 14} \mid \text{S 13} \\ 1951 \end{array}$$

Ascend 212 ft. over S. slope.

- 53.90 Spur, slopes E.; desc. 369 ft. over N. slope.
 70.40 Wash, 20 lks. wide, 3 ft. deep, course N. 20° W.
 75.00 Recross wash, 20 lks. wide, course N. 20° E.
 79.50 Recross wash, 20 lks. wide, course N. 20° W.
 80.00 Point for the cor. of secs. 11, 12, 13 and 14.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \text{T 4 N} \mid \text{R 20 W} \\ \text{S 11} \mid \text{S 12} \\ \hline \text{S 14} \mid \text{S 13} \\ 1951 \end{array}$$

Land, mountainous.
 Soil, rocky and gravelly.
 Timber, palo verde; undergrowth, greasewood.

From the cor. of secs. 12 and 13 on the E. bdy. of the Tp.

N. 89° 58' W., bet. secs. 12 and 13.

Over rolling land, through scattering timber and undergrowth.

- 6.10 Wash, 30 lks. wide, 6 ft. deep, course N. 30° E.
 14.00 Wash, 25 lks. wide, 2 ft. deep, course NE.
 34.35 Wash, 15 lks. wide, 2 ft. deep, course N. 30° E.; leave rolling land, bears N. and S.; asc. 57 ft. over SW. slope.
 39.56 Spur, slopes NE.; desc. over NW. slope.
 40.03 Point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13.

Subdivision of T. 4 N., R. 20 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$ $\frac{S\ 12}{S\ 13}$
 1951

Descend 16 ft. over NW. slope.

- 45.10 Wash, 30 lks. wide, 4 ft. deep, course N.; asc. 57 ft. over E. slope.
 51.65 Spur, slopes N.; desc. 34 ft. over W. slope.
 56.45 Wash, 20 lks. wide, 4 ft. deep, course N.; asc. 107 ft. over E. slope.
 63.65 Spur, slopes N.; desc. 64 ft. over W. slope.
 67.55 Ravine, course N.; asc. 23 ft. over E. slope.
 72.55 Spur, slopes N.; desc. 68 ft. along N. slope of a spur.
 80.06 The cor. of secs. 11, 12, 13 and 14.

Land, E. 34 chs., rolling; remainder of mile, mountainous.
 Soil, rocky and gravelly.
 Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 03' W., bet. secs. 11 and 12.

Over mountainous land, through scattering timber and undergrowth.

- 0.80 Wash, 20 lks. wide, 2 ft. deep, course N. 30° E.
 4.50 Wash, 30 lks. wide, 4 ft. deep, course E.
 10.80 Wash, 50 lks. wide, 3 ft. deep, course E.
 18.80 Wash, 20 lks. wide, 3 ft. deep, course SE.; asc. 281 ft. over S. slope.
 35.00 Spur, slopes E.; desc. 91 ft. over N. slope.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.
 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$
 S 11 | S 12
 1951

Desc. 202 ft. over N. slope.

- 50.85 Wash, 30 lks. wide, 3 ft. deep, course E.; asc. 45 ft. over S. slope.
 52.30 Spur, slopes E.; desc. 46 ft. over N. slope.
 57.35 Wash, 20 lks. wide, 3 ft. deep, course SE.; asc. 124 ft. over S. slope.
 63.45 Spur, slopes W.; desc. 124 ft. over N. slope.
 69.45 Wash, 20 lks. wide, 3 ft. deep, course W.; asc. 69 ft. over S. slope.
 74.60 Spur, slopes W.; desc. 63 ft. over N. slope.
 80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Subdivision of T. 4 N., R. 20 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	R 20 W
S 2	S 1
S 11	S 12
1951	

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

Land, mountainous.

Soil, rocky and gravelly.

Timber, palo verde; undergrowth, greasewood.

From the cor. of secs. 1 and 12 on the E. bdy. of the Tp.

WEST, bet. secs. 1 and 12.

Over rolling land, through scattering timber and undergrowth.

0.15 Wash, 10 lks. wide, course NE.

12.95 Low ridge, bears N. and S.

31.25 Wash, 30 lks. wide, 4 ft. deep, course NW.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground, with brass cap mkd.

$\frac{1}{4}$	S 1
	S 12
1951	

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

Leave rolling, enter mountainous land, bears N. and S.; asc. 252 ft. along a N. slope.

62.55 Spur, slopes N.; desc. 41 ft. over W. slope.

69.85 Wash, 20 lks. wide, 3 ft. deep, course N.; asc. 170 ft. over E. slope.

74.50 Spur, slopes N.; desc. 198 ft. over W. slope.

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

Land, E. $\frac{1}{2}$, rolling, W. $\frac{1}{2}$, mountainous.

Soil, rocky and gravelly.

Timber, palo verde; undergrowth, greasewood.

N. $0^{\circ} 03'$ W., bet. secs. 1 and 2.

Over mountainous land, through scattering timber and undergrowth.

Descend 136 ft. along a W. slope.

13.00 Wash, 40 lks. wide, 10 ft. deep, course NE.

24.80 Wash, 50 lks. wide, 4 ft. deep, course NE.; asc. 23 ft. over S. slope.

30.00 Spur, slopes E.; desc. 18 ft. over N. slope.

37.00 Wash, 20 lks. wide, 4 ft. deep, course E.

Subdivision of T. 4 N., R. 20 W.

Chains

40.00

Point for the $\frac{1}{4}$ -sec. cor. of secs. 1 and 2 . .

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 2 \quad | \quad \text{S } 1 \\ 1951 \end{array}$$
raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

50.00 Old road, bears NE. and SW.

55.00 Right bank of wash, bears NE. and SW.

58.50 Left bank of wash, bears NE. and SW.

67.00 Right bank of wash, bears NE. and SW.

70.00 Left bank of wash, bears NE. and SW.

80.14 Intersect the First Standard Parallel North.

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

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T } 5 \text{ N } \text{ R } 20 \text{ W} \\ \text{S } 36 \\ \hline \text{S } 2 \quad | \quad \text{S } 1 \\ \text{T } 4 \text{ N } \quad | \quad \text{R } 20 \text{ W} \\ \text{C } \quad \text{C} \\ 1951 \end{array}$$
raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.From point of intersection, the standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 5 N., R. 20 W., bears EAST, 8 lks. dist.At midpoint on the N. bdy. of sec. 1, the point for the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \text{ S } 1 \\ 1951 \end{array}$$
raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

From this cor., the Standard cor. of T. 5 N., R. 20 W., bears EAST, 7 lks. dist.

Land, S. 37 chs., mountainous; remainder of mile, rolling.

Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp.

N. $0^{\circ} 03'$ W., bet. secs. 34 and 35.

Over rolling land, through scattering timber and undergrowth.

13.70

Wash, 20 lks. wide, 2 ft. deep, course NE.

Subdivision of T. 4 N., R. 20 W.

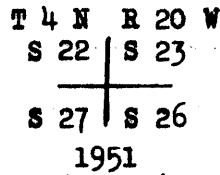
Chains	
26.30	Wash, 20 lks. wide, 3 ft. deep, course NE.
31.50	Gas line, bears E. and W.
36.80	Dim road, bears NW. and SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \frac{1}{4} \\ \\ \text{S } 34 \quad \quad \text{S } 35 \\ \\ 1951 \end{array}$
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
41.55	U. S. Highway No. 60-70, bears NE. and SW.
51.50	Old road, bears NW. and SE.
52.60	Right bank of wash, bears E. and W.
59.20	Left bank of wash, bears E. and W.
79.20	Underground telephone cable, bears N. 30° E. and S. 30° W.
80.00	Point for the cor. of secs. 26, 27, 34 and 35. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{T } 4 \text{ N } \quad \text{R } 20 \text{ W} \\ \\ \text{S } 27 \quad \quad \text{S } 26 \\ \\ \text{S } 34 \quad \quad \text{S } 35 \\ \\ 1951 \end{array}$
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.
	From the cor. of secs. 25, 26, 35 and 36. N. $89^{\circ} 59'$ W., bet. secs. 26 and 35. Over rolling land, through scattering timber and undergrowth.
5.70	Road, bears N. 30° W. to Mariquitta Mine and S. 30° E. to highway.
18.70	Road, bears N. 30° W. and S. 30° E.
22.90	Right bank of wash, bears NE. and SW.
26.30	Left bank of wash, bears NE. and SW.
28.70	Old road, bears N. 30° E. and S. 30° W.
39.96	Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{S } 26 \\ \\ \frac{1}{4} \\ \\ \text{S } 35 \\ \\ 1951 \end{array}$

Subdivision of T. 4 N., R. 20 W.

Chains	
	raise a mound of stone, 2½ ft. base, 2½ ft. high, N. of cor..
49.00	Old road, bears NE. and SW.
52.70	Old road, bears NW. and SE.
65.50	Wash, 25 lks. wide, 1 ft. deep, course S.
72.40	Wash, 20 lks. wide, 2 ft. deep, course S. 20° E.
74.90	Underground telephone cable, bears N. 70° E. and S. 70° W.
79.92	The cor. of secs. 26, 27, 34 and 35.
	Land, rolling. Soil, gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.
	N. 0° 03' W., bet. secs. 26 and 27.
	Over rolling land, through scattering timber and undergrowth.
2.70	Old road, bears NE. and SW.
3.60	Wash, 20 lks. wide, 2 ft. deep, course SE.
17.50	Old road, bears NW. and SE.
21.20	Wash, 20 lks. wide, 4 ft. deep; course SE.
33.10	Telephone line, bears NE. and SW.
37.90	Wash, 20 lks. wide, 3 ft. deep, course S. 30° E.
40.00	Point for the ¼ sec. cor. of secs. 26 and 27.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 27 \text{ } \text{ } \text{S } 26 \\ 1951 \end{array}$
	raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of cor.
44.40	Old road, bears E. and W.
59.10	Old road, bears NW. and SE.
60.25	Road, bears N. 30° W. to the Mariquitta Mine and S. 30° E. to highway.
64.60	Wash, 40 lks. wide, 5 ft. deep, course S. 30° E.
70.50	Old road, bears E. and W.
72.273	Intersect SE. end line of Min. Sur. No. 138 Mariquitta lode at a point from which the SW. cor., bears S. 45° 00' W., 4.247 chs. dist., which is monumented with a wooden stake, 3 ins. diam., set in a mound of stone, 5 ft. base, 4 ft. high.
	From the same point, the SE. cor., bears N. 45° 00' E., 4.844 chs. dist. and is monumented with a mound of stone, 5 ft. base, 4 ft. high.
	Thence across patented mineral land.

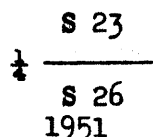
Subdivision of T. 4 N., R. 20 W.

Chains
 75.25 Top of ascent, on E. slope of a white quartz knoll.
 76.10 Center of a mine shaft, bears EAST, 5 lks. dist.
 77.50 Center of a mine shaft, bears WEST, 10 lks. dist.
 78.60 Wash, 15 lks. wide, 4 ft. deep, course S. 30° E.
 79.066 Intersect the NE. side line of Gen. Sur. No. 138 Mariquitta lode at a point from which the SE. cor. bears S. 45° 25' E., 4.809 chs. dist.
 From the same point, the NE. cor. bears N. 45° 25' W., 17.953 chs. dist., monumented with a wooden stake, 3 ins. diam., set in a mound of stone, 5 ft. base, 3 ft. high.
 Leave patented mineral land.
 80.00 Point for the cor. of secs. 22, 23, 26 and 27.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.



raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of cor.
 From this corner, U. S. L. M. No. 1, bears S. 78° 59' W., 15.505 chs. dist., monumented by a decayed wooden stake, set in a mound of stone 5 ft. base, 3 ft. high.
 From the same corner, the center of the collar of an incline shaft, bears N. 82° 25' W., 8.98 chs. dist.
 Land, rolling.
 Soil, rocky and gravelly.
 Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 23, 24, 25 and 26.
 WEST, bet. secs. 23 and 26.
 Over hilly and broken land, through scattering timber and undergrowth.
 2.00 Wash, 20 lks. wide, 5 ft. deep, course S. 30° E.
 13.10 Old road, bears NE. and SW.
 15.00 Ascend 46 ft. over E. slope.
 20.90 Spur, slopes S.; desc. 29 ft. over W. slope.
 23.70 Wash, 20 lks. wide, 4 ft. deep, course SE.
 33.00 Begin ascent of 111 ft. over E. slope.
 39.00 Spur, slopes S. 30° E.; desc. 61 ft. over SW. slope.
 40.00 Point for the ¼ sec. cor. of secs. 23 and 26.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.



Subdivision of T. 4 N., R. 20 W.

Chains

Descend 46 ft. over SW. slope.

55.60 Wash. 20 lks. wide, 3 ft. deep, course S. 30° E.

56.10 Old road, bears N. and S.

73.30 Old mine road, bears NE. and SW.

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

Land, broken and hilly.
Soil, rocky and gravelly.
Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 03' W., bet. secs. 22 and 23.

Over mountainous land, through scattering timber and undergrowth.

Ascend 114 ft. over S. slope.

12.40 Spur, slopes W.; desc. 23 ft. along W. slope.

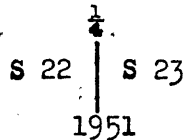
23.00 Wash, 20 lks. wide, 4 ft. deep, course, SW.; asc. 419 ft. over S. slope.

24.60 Collar of an incline mine shaft.

35.05 High spur, slopes W.; desc. 39 ft. along W. slope.

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

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a mound of stone to top, with brass cap mkd.



Ascend 20 ft. along W. slope.

44.30 Spur, slopes NW.; desc. 222 ft. over NE. slope.

55.00 Ravine, course NW.; continue descent.

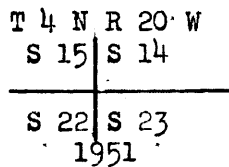
58.30 Ridge, bears NW. and SE.; continue descent along E. slope.

63.00 Foot of descent; asc. 72 ft. over S. slope.

66.70 Spur, slopes E.; desc. 172 ft. over NE. slope.

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

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



Land, mountainous.
Soil, rocky and gravelly.
Timber, palo verde; undergrowth, greasewood.

Subdivision of T. 4 N., R. 20 W.

Chains	
	From the cor. of secs. 13, 14, 23 and 24.
	S. 89° 57' W., bet. secs. 14 and 23.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 53 ft. over E. slope.
5.00	Spur, slopes N.; desc. 92 ft. over W. slope.
8.00	Wash, 30 lks. wide, 3 ft. deep, course N.; asc. 28 ft. over E. slope.
12.00	Spur, slopes N.; desc. 31 ft. over W. slope.
13.60	Wash, 20 lks. wide, 3 ft. deep, course N.; asc. 31 ft. over E. slope.
17.00	Spur, slopes N.; desc. 31 ft. over W. slope.
19.60	Wash, 20 lks. wide, 4 ft. deep, course N.; asc. 186 ft. over E. slope.
28.00	Spur, slopes N.; desc. 115 ft. over W. slope.
38.60	Ravine, course N.; asc. 44 ft. over E. slope.
39.99	Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S. 14 $\frac{1}{4}$ ——— S. 23 1951
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Ascend 232 ft. over NE. slope.
51.65	Ridge, bears NW. and SE.; descend 407 ft. over SW. slope.
58.00	Ravine, course SW.; continue descent.
67.70	Wash, 20 lks. wide, 3 ft. deep, course S.; asc. 96 ft. over E. slope.
72.50	Spur, slopes S.; desc. 86 ft. over W. slope.
76.90	Diablo Pass Road, bears NW. and SE.
78.10	Wash, 15 lks. wide, 3 ft. deep, course NW.; asc. 20 ft. over E. slope.
79.98	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous.
	Soil, rocky.
	Timber, palo verde; undergrowth, greasewood.
	N. 0° 03' W., bet. secs. 14 and 15.
	Over mountainous land, through scattering timber and undergrowth.
	Descend gradual NE. slope.
3.00	Wash, 15 lks. wide, 2 ft. deep, course NW.; asc. 52 ft. over S. slope.
4.00	Diablo Pass Road, bears NW. and SE.
10.50	Spur, slopes W.; desc. N. slope.
12.50	Wash, 20 lks. wide, 4 ft. deep, course W.; asc. 423 ft. over S. slope.

Subdivision of T. 4 N., R. 20 W.

Chains

36.00 Spur, slopes W.; desc. 155 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 15.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S 15} \mid \text{S 14} \\ \hline 1951 \end{array}$$

Descend N. slope.

42.20 Wash, 20 lks. wide, 3 ft. deep, course W.; asc. 72 ft. over S. slope.

51.40 Spur, slopes W.; desc. 49 ft. over N. slope.

59.60 Ravine, course W.; asc. 104 ft. over S. slope.

63.40 Spur, slopes W.; desc. 325 ft. over N. slope.

72.00 Wash, 20 lks. wide, 3 ft. deep, course W.; asc. 155 ft. over S. slope.

77.00 Spur, slopes W.; desc. 42 ft. over N. slope.

79.70 Ravine, course W.

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

Set an iron post, 3 ft. long; 2 ins. diam.; 12 ins. in ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \text{T 4 N} \quad \text{R 20 W} \\ \text{S 10} \mid \text{S 11} \\ \hline \text{S 15} \mid \text{S 14} \\ \hline 1951 \end{array}$$

Land, mountainous.

Soil, rocky.

Timber, palo verde; undergrowth, greasewood.

From the cor. of secs. 11, 12, 13 and 14.

S. 89° 56' W., bet. secs. 11 and 14.

Over mountainous land, through scattering timber and undergrowth.

1.00 Wash, 20 lks. wide, course N.

12.00 Wash, 40 lks. wide; 5 ft. deep; course NE.; asc. gradual SE. slope.

20.00 Foot of steep ascent; asc. 168 ft. along S. slope.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 14.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \text{S 11} \\ \hline \frac{1}{4} \\ \text{S 14} \\ \hline 1951 \end{array}$$

Ascend 60 ft. along S. slope.

41.00 Top of ascent; desc. 177 ft. over SW. slope.

Subdivision of T. 4 N., R. 20 W.

Chains

- 52.30 Wash, 20 lks. wide, 3 ft. deep, course SE.; asc. 40 ft. over E. slope.
- 56.00 Spur, slopes N.
- 59.20 Recross wash, 20 lks. wide, course NE.; asc. 118 ft. over E. slope.
- 67.00 Spur, slopes S.; desc. 21 ft. over W. slope.
- 68.90 Ravine, course S.; ascend 177 ft. over E. slope.
- 73.20 Spur, slopes S.; desc. 83 ft. over W. slope.
- 79.98 The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.
Soil, rocky and gravelly.
Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 03' W., bet. secs. 10 and 11.

Over mountainous land, through scattering timber and undergrowth.

Ascend 275 ft. over S. slope.

- 12.50 Spur, slopes W.; desc. 171 ft. over NE. slope.
- 25.00 Ravine, course SE.; asc. 74 ft. over S. slope.
- 28.30 Spur, slopes E.; desc. 85 ft. over N. slope.
- 34.00 Ravine, course SE.; asc. 126 ft. over S. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S 10} \mid \text{S 11} \\ 1951 \end{array}$$

Ascend 99 ft. over S. slope.

- 42.80 Top of high ridge, bears E. and W.; desc. 499 ft. along E. slope of a long spur.
- 68.35 Side hill drain, course SE.
- 73.60 Top of long spur, slopes NE.; desc. 96 ft. over NW. slope.
- 76.00 Head of ravine, course NW.; asc. 18 ft. over S. slope.
- 80.00 True point for the cor. of secs. 2, 3, 10 and 11, falls on the top edge of a bluff, 15 ft. high, facing south. For the description of the witness corner, see the field notes of the line bet. secs. 2 and 3.

Land, mountainous.
Soil, rocky.
Timber, palo verde; undergrowth, greasewood.

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

S. 89° 51' W., bet. secs. 2 and 11.

Over mountainous land, through scattering timber and undergrowth.

Subdivision of T. 4 N., R. 20 W.

Chains	<p>Descend 77 ft. over W. slope.</p> <p>6.10 Wash, 30 lks. wide, 3 ft. deep, course N.; asc. 161 ft. over E. slope.</p> <p>11.00 Spur, slopes N.; desc. 90 ft. over W. slope.</p> <p>18.60 Wash, 20 lks. wide, 2 ft. deep, course NE.; asc. 184 ft. over E. slope.</p> <p>26.00 Spur, slopes N.; desc. 209 ft. over W. slope.</p> <p>38.70 Wash, 1 ch. wide, 1 ft. deep, course N. 30° E.</p> <p>40.05 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 2</p> <hr style="width: 50px; margin: 0 auto;"/> <p>$\frac{1}{4}$ S 11</p> <p>1951</p> </div> <p>Across small valley, bears NE. and SW.</p> <p>59.00 Begin ascent of 367 ft. over E. slope.</p> <p>75.10 Spur, slopes N.; desc. 56 ft. over W. slope.</p> <p>80.10 True point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Land, mountainous. Soil, rocky and gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.</p>
	<p>From the true point for the cor. of secs. 2, 3, 10 and 11.</p> <p>N. 0° 03' W., bet. secs. 2 and 3.</p> <p>Over mountainous land; through scattering timber and undergrowth.</p> <p>0.10 Point for the witness corner of secs. 2, 3, 10 and 11.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 N R 20 W</p> <p>S 3 S 2</p> <hr style="width: 50px; margin: 0 auto;"/> <p>S 10 S 11</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">WC</p> <p style="text-align: center;">1951</p> </div> <p>Descend 330 ft. along W. slope of a spur.</p> <p>19.70 Wash, 20 lks. wide, 4 ft. deep, course N. 30° E.; asc. 29 ft. over S. slope.</p> <p>21.60 Spur, slopes E.; desc. 19 ft. over N. slope.</p> <p>23.60 Wash, 20 lks. wide, 3 ft. deep, course E.; asc. 447 ft. over S. slope.</p> <p>36.00 Spur, slopes E.; desc. 124 ft. over N. slope.</p> <p>40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.</p>

Subdivision of T. 4 N., R. 20 W.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 3 \quad | \quad \text{S } 2 \\ | \\ 1951 \end{array}$$

Descend 147 ft. over N. slope.

47.00 Gulch, 4 chs. wide, 80 ft. deep, course E.; asc. 212 ft. over S. slope.

52.30 Spur, slopes NE.; desc. 522 ft. over NW. slope.

80.30 Intersect the First Standard Parallel North.

Point for the closing corner of secs. 2 and 3.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T } 5 \text{ N } \text{ R } 20 \text{ W} \\ | \\ \text{S } 35 \end{array}$$

$$\begin{array}{c} \text{S } 3 \quad | \quad \text{S } 2 \\ | \quad | \\ \text{T } 4 \text{ N } \quad | \quad \text{R } 20 \text{ W} \\ | \\ \text{CC} \\ | \\ 1951 \end{array}$$
raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.From point of intersection, the standard $\frac{1}{4}$ sec. cor. of sec. 35, T. 5 N., R. 20 W., bears EAST, 14 lks. dist.

At midpoint on the N. bdy. of sec. 2, the point

Point for the $\frac{1}{4}$ sec. cor. of sec. 2

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \text{ S } 2 \\ | \\ 1951 \end{array}$$

From this corner, the standard cor. of secs. 35 and 36, T. 5 N., R. 20 W., bears EAST, 11 lks. dist.

Land, mountainous.

Soil, rocky and gravelly.

Timber, ironwood and palo verde; undergrowth, greasewood.

From the true point for the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp.

N. $0^{\circ} 04'$ W., bet. secs. 33 and 34.

Over hilly and broken land, through scattering timber and undergrowth.

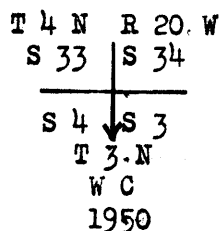
Ascend 64 ft. over S. slope.

0.50 Point for the witness corner of secs. 3, 4, 33 and 34.

Set an iron post, 3 ft. long, 2 ins. diam.; 28 ins. in the ground, with brass cap mkd.

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Subdivision of T. 4 N., R. 20 W.

Chains



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

3.35 Spur, slopes E.; desc. 63 ft. over N. slope.

16.50 Wash, 12 lks. wide, course N. 30° E.

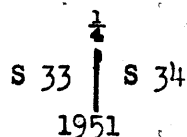
24.25 Old road, bears NE. and SW.

32.77 Gas line, bears E. and W.

39.70 Wash, 15 lks. wide, course NE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.



raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

40.58 Wash, 30 lks. wide, course NE.

44.85 U. S. Highway No. 60-70, bears N. $80^{\circ} 30'$ W. and S. $80^{\circ} 30'$ E.

53.00 Graded road, bears N. 70° W. and S. 70° E.

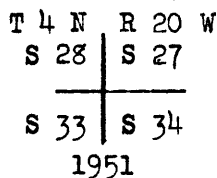
54.90 Wash, 35 lks. wide, bears S. 70° E.

68.80 Wash, 20 lks. wide, course SE.

79.65 Road, bears NW. and SE.

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

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.



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

Land, hilly and broken.

Soil, gravelly clay.

Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 26, 27, 34 and 35.

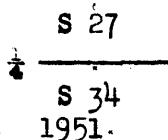
S. $89^{\circ} 56'$ W., bet. secs. 27 and 34.

Over broken and hilly land, through scattering timber and undergrowth.

2.25 Road, bears N. 30° E. and S. 30° W.

Subdivision of T. 4 N., R. 20 W.

Chains
 9.30 Wash, 10 lks. wide, course SE.
 29.30 Road, bears NE. and SW.
 37.35 Road, bears NW. and SE.; in a wash, course SE.
 39.40 Road, bears NW. and SE.
 39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.



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

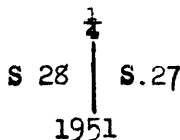
41.55 Wash, 10 lks. wide, course SE.
 49.10 Wash, 15 lks. wide, 4 ft. deep, course SE.
 50.85 Wash, 12 lks. wide, 3 ft. deep, course SE.
 59.00 Road, bears NW. and SE.
 59.95 Wash, 25 lks. wide, 4 ft. deep, course S. 30° E.
 70.95 Road, bears N. and S.
 71.95 Wash, 20 lks. wide, 2 ft. deep, course S. 30° E.
 78.55 Wash, 25 lks. wide, 4 ft. deep, course SE.
 79.94 The cor. of secs. 27, 28, 33 and 34.

Land, hilly and broken.
 Soil, gravelly clay.
 Timber, ironwood and palo verde; undergrowth, greasewood.

N. 0° 04' W., bet. secs. 27 and 28.

Over hilly and broken land; through scattering timber and undergrowth.

2.10 Wash, 30 lks. wide, 4 ft. deep, course SE.
 32.70 Wash, 150 lks. wide, 4 ft. deep, course S. 30° E.
 40.00 Point for the $\frac{1}{4}$ sec; cor. of secs. 27 and 28.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.



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

42.00 Road, bears W. and SE.
 43.30 Road, bears NW. and SE.
 50.20 Wash, 100 lks. wide, 8 ft. deep, course S. 70° E.
 61.50 Wash, 30 lks. wide, course SW.

Subdivision of T. 4 N., R. 20 W.

Chains									
70.80	Wash, 20 lks. wide, 3 ft. deep, course S. 30° E.								
77.35	Spur, slopes SE.								
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> <table border="1"> <tr> <td>T 4 N</td> <td>R 20 W</td> </tr> <tr> <td>S 21</td> <td>S 22</td> </tr> <tr> <td>S 28</td> <td>S 27</td> </tr> <tr> <td colspan="2">1951</td> </tr> </table> </div>	T 4 N	R 20 W	S 21	S 22	S 28	S 27	1951	
T 4 N	R 20 W								
S 21	S 22								
S 28	S 27								
1951									
	Land, hilly and broken. Soil, gravelly clay. Timber, ironwood and palo verde; undergrowth, greasewood.								
	From the cor. of secs. 22, 23, 26 and 27. S. 89° 56' W., bet. secs. 22 and 27. Over mountainous land, through scattering timber and undergrowth.								
0.944	Intersect the NE. side line of Gen. Sur. No. 138 Mariquitta lode, at a point from which the SE. cor., bears S. 45° 25' E., 6.134 chs. dist. From the same point, the NE. cor., bears N. 45° 25' W., 16.628 chs. dist. Thence across patented mineral land.								
6.15	Road, bears N. and S.								
10.54	Wash, 40 lks. wide, 8 ft. deep, course S.; asc. 69 ft. over E. slope.								
11.05	Road, bears N. and S.								
13.73	Intersect the SW. side line of Gen. Sur. No. 138 Mariquitta lode, at a point from which the SW. cor., bears S. 45° 00' E., 15.164 chs. dist. From the same point, the NW. cor., bears N. 45° 00' W., 7.596 chs. dist. and is monumented with a wooden stake, set in a mound of stone, 5 ft. base, 3 ft. high. Leave patented mineral land.								
25.55	Wash, 35 lks. wide, course SE.; asc. 119 ft. over E. slope.								
31.95	Spur, slopes SE.; desc. 38 ft. over SW. slope.								
39.97	Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 27. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table border="1"> <tr> <td>S 22</td> </tr> <tr> <td>$\frac{1}{4}$ ———</td> </tr> <tr> <td>S 27</td> </tr> <tr> <td>1951</td> </tr> </table> </div>	S 22	$\frac{1}{4}$ ———	S 27	1951				
S 22									
$\frac{1}{4}$ ———									
S 27									
1951									
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor. Ascend 151 ft. over E. slope.								
49.95	Spur, slopes S.; desc. W. slope.								

Subdivision of T. 4 N., R. 20 W.

Chains	
51.95	Ravine, course S.; asc. S. slope.
63.90	Spur, slopes SW.; desc. NW. slope.
69.70	Wash, 60 lks. wide, 8 ft. deep, course S.
71.90	Wash, 28 lks. wide, 5 ft. deep, course S. 30° E.
79.94	The cor. of secs. 21, 22, 27 and 28.
	Land, mountainous. Soil, rocky and gravelly. Timber, ironwood and palo verde; undergrowth, greasewood.
	From the NW. cor. of Gen. Sur. No. 138 Mariquitta lode. N. 45° 00' E., along the NW. end line.
4.487	The N. end center cor., which is monumented with a mound of stone, 5 ft. base, 3 ft. high, from which U. S. L. M. No. 1, bears S. 3° 30' E., 11.524 chs. dist. The S. corner of mess hall, bears N. 55° 10' W., 1.02 chs. dist. The S. corner of implement shed, bears N. 34° 15' W., 1.62 chs. dist. The S. corner of a shed, bears N. 26° 45' W., 2.19 chs. dist. The SW. cor. of a cabin, bears N. 16° 10' W., 3.29 chs. dist. The S. corner of a cabin, bears N. 3° 45' W., 4.08 chs. dist.
8.939	The NE. cor. of Gen. Sur. No. 138 Mariquitta lode.
	From the cor. of secs. 21, 22, 27 and 28. N. 0° 04' W., bet. secs. 21 and 22. Over mountainous land, through scattering timber and undergrowth.
1.60	Wash, 10 lks. wide, course E.; asc. 262 ft. over SE. slope.
15.00	Ravine, course S. 30° E.; continue ascent.
23.00	High spur, slopes SW.; continue ascent along W. slope.
27.30	Short spur, slopes W.
38.10	High ridge, bears NW. and SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22. Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd. $\frac{1}{4}$ S 21 S 22 1951
42.20	Spur, slopes NE.; desc. 277 ft. over NW. slope.

Subdivision of T. 4 N., R. 20 W.

- Chains
42.53 The shaft at the Bear Mine, bears N. 6° 30' E.; the SW. cor. of a cabin, bears N. 22° 30' E.
- 55.90 Head of a wash, 30 lks. wide, course E.
- 65.83 The shaft at the Bear Mine, bears S. 34° 15' E.; the SW. cor. of a cabin, bears S. 74° 00' E.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

T 4 N	R 20 W
S 16	S 15
— —	
S 21	S 22
1951	

Land, mountainous.
Soil, rocky and gravelly.
Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 14, 15, 22 and 23.

S. 89° 58' W.; bet. secs. 15 and 22.

Over mountainous land, through scattering timber.

Ascend 118 ft. over NE. slope.

- 6:05 Spur, slopes NW.; desc. 103 ft. over SW. slope.
- 13.40 Wash, 30 lks. wide, course NW.
- 22.00 Ravine, course N.
- 26.00 Wash, 40 lks. wide, 2 ft. deep, course N.
- 33.00 Wash, 20 lks. wide, course NE.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

S 15
$\frac{1}{4}$ ———
S 22
1951

Ascend 122 ft. over NE. slope.

- 46.25 High ridge, bears NW. and SE.; desc. 145 ft. along S. slope.
- 58.20 Spur, slopes S.; desc. 154 ft. over W. slope.
- 68.00 Wash, 40 lks. wide, course SSW.
- 72.00 Wash, 50 lks. wide, course NW.; road, bears NW. and SE.
- 76.10 Wash, 50 lks. wide, course NW.
- 80.00 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.
Soil, rocky and gravelly.
Timber, ironwood and palo verde; undergrowth, greasewood.

Subdivision of T. 4 N., R. 20 W.

Chains

N. 0° 04' W., bet. secs. 15 and 16.

Over mountainous land, through scattering timber and undergrowth.

6.10 Road, bears E. and W. in bottom of wash, 50 lks. wide, course NW.

10.00 Wash, 100 lks. wide, 15 ft. deep, course W.; asc. 72 ft. over S. slope.

17.90 Rocky spur, slopes W.; desc. 46 ft. over N. slope.

21.60 Wash, 30 lks. wide, course W.; asc. 262 ft. over W. slope.

39.35 Spur, slopes W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

	↑	
S 16		S 15
1951		

Ascend 50 ft. over S. slope.

42.60 Ridge, bears E. and W.; desc. 456 ft. over N. slope.

62.10 Wash, 40 lks. wide, course N. 30° E.; asc. 65 ft. over SE. slope.

65.00 Spur, slopes N. 30° E.

79.00 Wash, 1 ch. wide, 10 ft. deep, course W.; road, bears E. and W.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	R 20 W
S 9	S 10
— —	
S 16	S 15
1951	

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

Land, mountainous.

Soil, rocky and gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

From the cor. of secs. 10, 11, 14 and 15.

WEST, bet. secs. 10 and 15.

Over mountainous land, through scattering timber.

Descend 197 ft. along a S. slope.

6.00 Wash, 10 lks. wide, course S. 70° W.

11.55 Wash, 50 lks. wide, course S.; asc. 102 ft. over E. slope.

15.00 Spur, slopes S.; desc. 82 ft. over W. slope.

18.90 Gulch, course S.; asc. 241 ft. over over E. slope.

30.00 Spur, slopes S.; desc. W. slope.

ROCK

Subdivision of T. 4 N., R. 20 W.

Chains	
34.85	High rocky spur, slopes SW.; desc. 146 ft. over NW. slope.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 15. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> S 10 <hr style="width: 50px; margin: 0 auto;"/> S 15 1951 </div>
	Descend 202 ft. over NW. slope.
48.00	Wash, 30 lks. wide, 2 ft. deep, course SW.
62.60	Wash, 40 lks. wide, 10 ft. deep, course S.
75.40	Wash, 12 lks. wide, 2 ft. deep, course SW.
78.90	Wash, 30 lks. wide, 10 ft. deep, course S.
80.02	The cor. of secs. 9, 10, 15 and 16. Land, mountainous. Soil, rocky and gravelly. Timber, palo verde and ironwood; undergrowth, greasewood.
	N. 0° 04' W., bet. secs. 9 and 10. Over mountainous land, through scattering timber and undergrowth. Ascend 132 ft. over SE. slope.
16.90	Spur, slopes SW.
20.40	Spur, slopes W.; desc. 104 ft. over N. slope.
29.00	Gulch, course SW.; asc. 219 ft. over S. slope.
38.20	Spur, slopes W.; desc. 37 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10. Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> S 9 S 10 1951 </div>
43.80	Spur, slopes S. 70° W.; desc. 121 ft. over NW. slope.
49.00	Wash, 20 lks. wide, course S. 70° W.
55.00	Wash, 40 lks. wide, 8 ft. deep, course SW.; asc. 176 ft. over SE. slope.
63.00	Spur, slopes SW.
65.60	Spur, slopes W.; desc. 229 ft. over S. slope.
76.70	Wash, 25 lks. wide, 8 ft. deep, course W.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.

Subdivision of T. 4 N., R. 20 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 4 N	R 20 W
S 4	S 3
S 9	S 10
1951	

raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, mountainous.

Soil, rocky and gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

From the true point for the cor. of secs. 2, 3, 10 and 11.

N. 89° 47' W., bet. secs. 3 and 10.

Over mountainous land, through scattering timber and undergrowth.

Descend 139 ft. over SW. slope.

19.30 Wash, 20 lks. wide, course NW.

20.95 Wash, 30 lks. wide, 8 ft. deep, course N.; asc. 205 ft. over E. slope.

30.25 Ridge, bears N. 30° W. and S.; desc. 307 ft. over W. slope.

40.07 Point for the ¼ sec. cor. of secs. 3 and 10.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

S 3
S 10
1951

41.45 Wash, 20 lks. wide, course NW.; asc. 145 ft. over NE. slope.

59.55 High spur, slopes N. 60° W.; desc. 450 ft. over NW. slope.

80.14 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.

Soil, rocky and gravelly.

Timber, palo verde and ironwood; undergrowth, greasewood.

N. 0° 04' W., bet. secs. 3 and 4.

Over mountainous land, through scattering timber and undergrowth.

Ascend 13 ft. over S. slope.

1.00 Spur, slopes W.

7.96 Spur, slopes W.

12.55 Wash, 30 lks. wide, course W.; asc. 241 ft. along W. slope.

21.00 Top of ascent on W. slope of mountain; desc. 252 ft. along W. slope.

40.00 Point for the ¼ sec. cor. of secs. 3 and 4.

Subdivision of T. 4 N., R. 20 W.

Chains	<p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> $\begin{array}{c} \frac{1}{4} \\ \text{S } 4 \mid \text{S } 3 \\ 1951 \end{array}$ <p>raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.</p> <p>45.00 Spur, slopes NW.; desc. 174 ft. over NE. slope.</p> <p>53.70 Wash, in bottom of canyon, 30 lks. wide, 12 ft. deep, course NW.</p> <p>63.30 Wash, 15 lks. wide, course SW.; asc. 304 ft. over SE. slope.</p> <p>73.40 Spur, slopes SW.; desc. 52 ft. over NW. slope.</p> <p>79.70 Intersect First Standard Parallel North.</p> <p>Point for the closing cor. of secs. 3 and 4.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.</p> $\begin{array}{c} \text{T } 5 \text{ N } \text{ R } 20 \text{ W} \\ \text{S } 34 \\ \hline \text{S } 4 \mid \text{S } 3 \\ \text{T } 4 \text{ N } \mid \text{R } 20 \text{ W} \\ \text{CC} \\ 1951 \end{array}$ <p>From point of intersection, the standard $\frac{1}{4}$ sec. cor. of sec. 34, T. 5 N., R. 20 W., bears EAST, 38 lks. dist.</p> <hr/> <p>At midpoint on the N. bdy. of sec. 3.</p> <p>Point for the $\frac{1}{4}$ sec. cor of sec. 3.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> $\begin{array}{c} \frac{1}{4} \text{ S } 3 \\ 1951 \end{array}$ <p>raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, S. of cor.</p> <p>From this corner, the standard corner of secs. 34 and 35, T. 5 N., R. 20 W., bears EAST, 26 lks. dist.</p> <p>Land, mountainous. Soil, rocky and gravelly. Timber, palo verde and ironwood; undergrowth, greasewood.</p> <hr/> <p>From the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp.</p> <p>N. $0^{\circ} 04'$ W., bet. secs. 32 and 33.</p> <p>Over broken and hilly land, through scattering timber and undergrowth. Ascend 72 ft. over S. slope.</p> <p>4.85 Low ridge, bears E. and W.</p> <p>11.25 NW. cor. of a mine shaft, bears EAST, 1.07 chs. dist.</p> <p>13.84 SE. corner of a building, bears N. $64^{\circ} 15'$ W., 4.83 chs. dist.</p> <p>30.60 Road, bears N. 30° E. and S. 30° W.</p> <p>34.45 Wash, 15 lks. wide, course N. 30° E.</p> <p>40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> $\begin{array}{c} \frac{1}{4} \\ \text{S } 32 \mid \text{S } 33 \\ 1951 \end{array}$ <p>raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.</p> <p>50.70 Gas line, bears N. 70° W. and S. 70° E.</p>
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Subdivision of T. 4 N., R. 20 W.

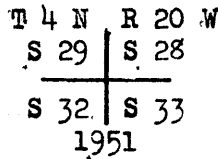
Chains

57.00 U. S. Highway No. 60-70, bears N. 81° 30' W. and S. 81° 30' E.

68.15 Wash, 40 lks. wide, course S. 30° E.; road, bears S. 30° E. and N. 30° W.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a mound of stone to top, with brass cap mkd.



Land, hilly and broken.

Soil, gravelly clay.

Timber, palo verde and ironwood; undergrowth, greasewood.

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

S, 89° 55' W., bet. secs. 28 and 33.

Over rolling land, through scattering timber and undergrowth.

13.25 Wash, 25 lks. wide, course S.

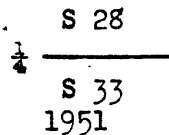
22.75 Road, bears N. and S.

31.20 Wash, 35 lks. wide, course S. 30° E.

33.50 Graded road, bears N. 30° W. and S. 30° E.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 33.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



46.10 Wash, 56 lks. wide, course S. 30° E.

52.50 Wash, 40 lks. wide, course S. 30° E.

65.80 Road, bears N. 30° W. and S.

70.95 Wash; 35 lks. wide, course S. 30° E.

78.90 Wash, 25 lks. wide, course S.

79.98 The cor. of secs. 28, 29, 32 and 33.

Land, rolling.

Soil, gravelly clay.

Timber, Palo verde and ironwood; undergrowth, greasewood.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp.

N. 0° 05' W., bet. secs. 31 and 32.

Subdivision of T. 4 N., R. 20 W.

Chains

Over mountainous land, through scattering timber and undergrowth.

3.90 Wash, 45 lks. wide, course W.; asc. 95 ft. over S. slope.

7.15 Spur, slopes W.

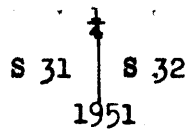
17.30 Spur, slopes W.

22.60 Low ridge, bears NW. and SE.; desc. 188 ft. over NE. slope.

39.10 Wash, 20 lks. wide, course NW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.



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

54.50 Wash, 50 lks. wide, course NW.

57.70 Gas line, bears E. and W.

60.00 Wash, 20 lks. wide, course W.

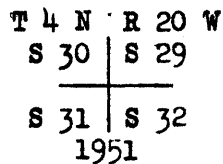
66.20 U. S. Highway No. 60-70, bears N. $87^{\circ} 30'$ W. and S. $84^{\circ} 30'$ E.

67.05 Old highway, bears E. and W.

75.94 Telephone line, bears E. and W.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with brass cap mkd.



Land, S. 25 chs., mountainous; remainder of mile, broken and hilly. Soil, gravelly clay.

Timber, ironwood and palo verde; undergrowth, greasewood.

From the cor. of secs. 28, 29, 32 and 33.

S. $89^{\circ} 54'$ W., bet. secs. 29 and 32.

Over hilly and broken land, through scattering timber and undergrowth.

16.45 Wash, 45 lks. wide, course S. 30° E.

23.10 Wash, 20 lks. wide, 3 ft. deep, course S.

27.78 Telephone line, bears N. 70° E. and S. 70° W.

32.20 Spur, slopes SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Subdivision of T. 4 N., R. 20 W.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd.

S 29
¼ —————
S 32
1951

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

41.60 Spur, slopes S.

47.70 Wash, 40 lks. wide, 8 ft. deep, course S. 30° W.

60.40 Spur, slopes S.

64.00 Wash, 30 lks. wide, 4 ft. deep, course S. 30° W.

78.75 Low spur, slopes S.

80.00 The cor. of secs. 29, 30, 31 and 32.

Land, hilly and broken.
Soil, gravelly clay.
Timber, palo verde and ironwood; undergrowth, greasewood.

N. 89° 41' W., bet. secs. 30 and 31.

Over hilly and broken land, through scattering timber and undergrowth.

5.50 Low spur, slopes SW.

14.65 Top of small hill.

37.40 Wash, 50 lks. wide, 4 ft. deep, course SW.

40.00 Point for the ¼ sec. cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 30
¼ —————
S 31
1951

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

42.27 The closing corner of secs. 30 and 31 on the former boundary of the Colorado River Indian Reservation, which is monumented with an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record.

Change the markings on brass cap to read.

T 4 N		
S 30		S 30
S 31		S 31
R 20 W		
1912		1951

Land, hilly and broken.
Soil, rocky and gravelly.
Timber, pslo verde and ironwood; undergrowth, greasewood.

T. 4 N., R. 20 W.

BOOK 4408

Test of Solar Orientation.

February 8, 1951, at camp in sec. 1, T. 3 N., R. 20 W., at 8:00 a.m. app. t., we set off $33^{\circ} 38'$ N., on the lat. arcs; $15^{\circ} 04'$ S. on the decl. arcs and orient the instruments with the solars; the line of sight agrees with the meridian established by Polaris observation.

At 4:00 p.m., app. t., we set off $33^{\circ} 38'$ N. on the lat arcs; $14^{\circ} 58'$ S. on the decl. arcs and repeat the test of the solars; the line of sight agrees with the meridian established by Polaris observation.
February 8, 1951.

General Description.

The lands in T. 4 N., R. 20 W. are of desert nature and range from 1000 to 2500 feet above sea level in elevation. The township is located at the north end of the Dome Rock Mountains. Approximately seven sections in the southeast and one section in the northeast portion of the township are rolling and the remainder of the township is rough rugged mountainous land.

Drainage of the township is furnished by dry sand washes, which head on Middle Camp Mountain in section 21 and Old Man Mountain in section 14. The washes flow only during extremely heavy rains.

The soil in the lower areas is of gravelly clay, 3rd and 4th rate. The mountainous areas are of porphyry and decomposed granite formation.

There is a scattering growth of ironwood and palo verde timber and a medium growth of greasewood, ocotillo, sahuaro and lesser species of cactus throughout the township.

A sparse growth of native grass furnishes feed for a few head of cattle.

U. S. Highway No. 60-70, enters the township in section 36, traversing through the south tier of sections, leaving the township in section 31.

The Mariquitta patented mining claim is located in sections 22, 26 and 27. The Bear Mine is located in section 22. Neither of these mines were in operation at the time of this survey. Placer mining is carried on in rather a small scale in the rolling land in the south portion of the township.

4-680
(August 1947)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert D. Stevens	Cartographic Survey Aid.
Jesse A. Livesay	" " "
Abencio Crespín	Surveying and Cartographic Aid.
Max Lester	" " " "
Martin G. Roeben	" " " "
Carl P. Lyons	" " " "
William R. Disney	" " " "
William H. Derendor	" " " "
Gerald L. Walters	" " " "
Archie Sanchez	" " " "

45

CERTIFICATE OF CADASTRAL ENGINEER

We, Ty White and Claude F. Warner, Cadastral Engineers, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 12th day of May, 1947, we have ~~surveyed~~ made a Dependent Resurvey of the West Boundary of Township 4 North, Range 19 West and Surveyed a Portion of the South Boundary and Subdivision of Township 4 North, Range 20 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~~^{US} and under ~~my~~^{OUR} 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.

Albuquerque, N. M.
October 12, 1951
Phoenix, Arizona
May 1, 1951

Ty White
Cadastral Engineer
Claude F. Warner
Cadastral Engineer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., MAY 21 1953, 19

The foregoing field notes of the ~~survey of~~ Dependent Resurvey of the West Boundary of Township 4 North, Range 19 West and the Survey of a Portion of the South Boundary and Subdivision of Township 4 North, Range 20 West

executed by Ty White and Claude F. Warner, Cadastral Engineers having been critically examined and found correct, are hereby approved.

James B. Clement
~~Chief, Branch of Engineering and Construction.~~
Assistant Chief, Division of Cadastral Engineering.

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~
~~is a true copy of the original field notes.~~

~~Chief, Branch of Engineering and Construction.~~
~~Chief, Division of Cadastral Engineering.~~