

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

Book B.

BOOK 4223

FIELD NOTES

OF THE

4223

survey of the North boundary of Township 5 South, Range 18 West; and
the East boundary, a portion of the north boundary and a portion of
the subdivisional lines of Townships 3, 4 and 5 South, Range 19 West.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Ty White, Surveyor,

General Land Office,

Under special instructions dated October 20 1939 and
January 13, 1940, which provided
for the surveys included under Group No. 229, bearing the approval of the
Commissioner of the General Land Office under date of January 3, 1940 and
February 12, 1940
and assignment instructions dated January 4, 1940.

Survey commenced April 5, 1940.

Survey completed May 12, 1940.

4223

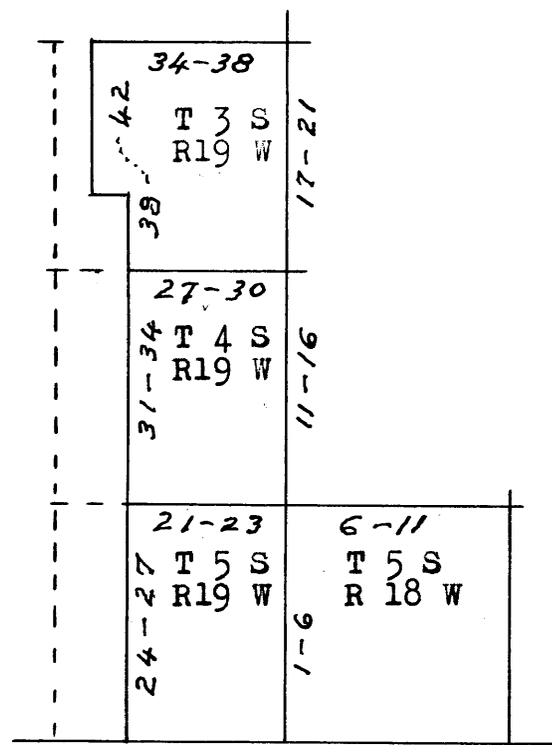
INDEX DIAGRAM.

Township -----, *Range* -----

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

BOOK 4228

INDEX DIAGRAM



1st St. Par. S.

Survey of West Boundary of T. 5 S., R. 18 W.

BOOK 4228

Chains

For description of instrument and other preliminary data see the field notes of the resurvey of the First Standard Parallel South, through Ranges 17, 18 and 19 West, and the survey and resurvey of township boundaries under this assignment.

From the standard cor. of Ts. 5 S., Rs. 18 and 19 W., described in the field notes of the resurvey of the First Standard Parallel South, through R. 18 W., under this group, North, bet. secs. 31 and 36.

Over flat, through scattering desert growth.

- 3.20 Wash, 15 lks. wide, 1 ft. deep, course SW.
- 26.90 Wash, 30 lks. wide, 3 ft. deep, course S. 30° W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S 36 | S 31
1940
- raise a mound
- of stone, 3 ft. base, 2 ft. high, W. of cor.
- 64.60 Wash, 30 lks. wide, 4 ft. deep, course SW.
- 78.20 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 25, 30, 31 and 36, with brass cap marked

W C
T 5 S
R 19 W | R 18 W
S 25 | S 30

S 36 | S 31
1940

from which

An ironwood, 18 ins. diam., bears N. 59° E., 240 lks. dist., mkd. W C T 5 S R 18 W S 31 B T

A palo verde, 4 ins. diam., bears S. 57° E., 20 lks. dist., mkd. W C B T

An ironwood, 10 ins. diam., bears S. 35 $\frac{1}{2}$ ° W., 91 lks. dist., mkd. W C T 5 S R 19 W S 36 B T

An ironwood, 24 ins. diam., bears N. 4 $\frac{1}{2}$ ° W., 253 lks. dist., mkd. W C B T

- 78.40 Enter washed land, drains SW.
- 80.00 True point for cor. of secs. 25, 30, 31 and 36, falls on washed land, a place unsuitable for permanent monument.

Land, flat.
Soil, gravelly, 2nd. rate.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, bet. secs. 25 and 30.

Over washed land, drains SW.

- 12.10 Leave washed land, drains SW.

ECCP 4228

Survey of West Boundary of T. 5 S., R. 18 W.

Chains	
17.20	A graded road, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S 25 S 30
	1940
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
71.90	Road, bears E. and W. 2 chs. thence SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 19, 24, 25 and 30, with brass cap marked
	T5S
	R19W R18W
	S 24 S 19
	S 25 S 30
	1940
	Land, flat. Soil, gravelly, 2nd. and 3rd. rates. Timber, palo verde, and ironwood; undergrowth, greasewood and cacti.

	North, bet. secs. 19 and 24.
	Over flat, through scattering desert growth.
2.60	Enter washed land, drains W.
26.20	Leave same, drains SW.
36.30	Road, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$
	S 24 S 19
	1940
	from which
	An ironwood, 4 ins. diam., bears N. 57 $\frac{1}{2}$ ° E., 382 lks. dist., mkd. $\frac{1}{4}$ S 19 B T
	A palo verde, 6 ins. diam., bears N. 36° W., 248 lks. dist., mkd. $\frac{1}{4}$ S 24 B T
66.30	Wash, 20 lks. wide, 2 ft. deep, course SW.
70.00	Begin ascent of 65 ft. over general SE. slope.
79.00	Top of ascent. Desc. 14 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

Survey of West Boundary of T.5 S., R.18 W.

Chains

T5S	
R19W	R18W
S 13	S 18
S 24	S 19

1940

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

Land, flat, except N. part which is rolling.
Soil, gravelly, 2nd. and 3rd. rates.
Timber, palo verde and ironwood; undergrowth, greasewood
and cacti.

North, bet. secs. 13 and 18.

Asc. 145 ft. over general SE. slope, through scattering
desert growth.

- 8.30 Ridge, bears N.60°E. and S.60°W.; desc. 175 ft. over NW. slope.
- 15.50 Wash, 80 lks. wide, 3 ft. deep, course SW.; over flat.
- 26.00 Leave flat, begin ascent of 100 ft. over SE. slope.
- 31.00 Spur, slopes S.60°W.; desc. 100 ft. over NW. slope.
- 37.40 Ravine, course W.; over W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground, with a stone mkd. with a cross (+), deposited at
base, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$
sec. cor., with brass cap marked

S 13	S 18
------	------

1940

Desc. 15 ft. over W. slope.

- 44.20 Wash, 15 lks. wide, 1 ft. deep, course S.30°W.; asc. 80 ft.
over SE. slope.
- 56.40 Spur, slopes S.30°W.; desc. 50 ft.
- 62.20 Ravine, SW.; asc. 35 ft.
- 65.10 Spur, slopes S.70°W.; desc. 50 ft. over gradual NW. slope.
- 78.90 Wash, 10 lks. wide, 2 ft. deep, course NW.; W. from a
point 3 chs. NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for cor. of secs. 7, 12, 13 and 18, with brass cap
mkd.

T5S	
R19W	R18W
S 12	S 7
S 13	S 18

1940

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

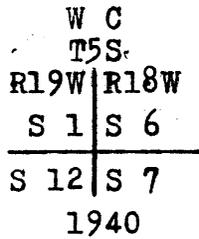
Land; mountainous and rolling.
Soil, rocky, 3rd. and 4th. rates.
Timber, palo verde and ironwood; undergrowth, greasewood
and cacti.

Survey of West Boundary of T.5 S., R.18 W.

Chains	North, bet. secs. 7 and 12.
	Over flat, through scattering growth.
5.60	Road, bears SE. and NW.
6.70	Wash, 25 lks. wide, 3 ft. deep, course W. from S.60°E.; asc. 55 ft. over SW. slope.
8.23	Intersect Morada Mining Claim, Min. Sur. No. 4234A, 2.68 chs. S.67°55'W. of Cor. No. 4; an iron post, 1 in. diam., 12 ins. above ground, set in concrete and mkd. M 4 4234A
12.50	Spur, slopes SE.; continue slight ascent along SE. slope.
15.36	Intersect line 4-1 of Morada Mining Claim, 6.60 chs. N.22°05'W. of Cor. No. 4.
17.15	Same spur, slopes SW.; desc. 55 ft. over NW. slope.
23.70	Wash, 15 lks. wide, 1 ft. deep, course SW., from E.; asc. 132 ft. over broken SW. slope.
32.77	Intersect line 3-4 of Plateada Mining Claim, Min. Sur. No. 4234A, 2.56 chs. S.67°55'W. of Cor. No. 4; an iron post, 1 in. diam., 12 ins. above ground, set in concrete and mkd. P 4 4234A
39.50	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 4 ft. base to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> W C $\frac{1}{4}$ S 12 S 7 1940 </div>
39.58	Intersect line 4-1 of Plateada Mining Claim, 6.31 chs. N.22°05'W. of Cor. No. 4.
40.00	The true point for $\frac{1}{4}$ sec. cor. falls on face of rock ledge, facing SW., an impracticable place for permanent monument. Asc. 45 ft. over SW. slope.
41.70	Spur, slopes NW., peak bears 1 ch. E., desc. 110 ft. over NW. slope.
53.10	Ravine, course SW.; asc. 80 ft. over SW. slope.
58.00	Spur, slopes S.60°W., from E.; over broken W. slope.
68.00	Desc. 70 ft. over NW. slope.
68.89	U.S. Mineral Monument No. 4233, bears S.41°09'W., 16.43 chs. dist.; an iron pipe, 1 in. diam., set in concrete, with brass cap marked <div style="text-align: center;"> U.S.M.M. 4233 </div> <div style="text-align: right;"> witnessed by a mound of stone, 6 ft. base, 6 ft. high, NW. of pipe about 12 ft. dist. </div> <div style="text-align: center;"> Monument stands on a peak about 150 ft. high. </div>
77.50	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. of secs. 1, 6, 7, and 12, with brass cap marked

Survey of West Boundary of T.5 S., R.18 W.

Chains



raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

77.90 Enter washed land, drains SW.

80.00 The true point, for cor. of secs. 1, 6, 7 and 12, falls on washed land; an unsuitable place for permanent monument.

Land, rolling and mountainous.
Soil, rocky; 3rd. and 4th. rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, bet. secs. 1 and 6.

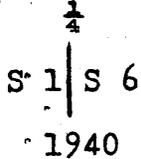
Over washed land, draining SW., through scattering desert growth.

8.20 Leave washed land, thence over gently rolling land.

23.00 Wash, 15 lks. wide, 2 ft. deep, course SW.

25.10 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

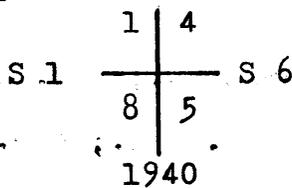
49.73 Intersect Line 1-2 of Union Mining Claim, Min. Sur. No. 4233, at a point 3.31 chs. N. 71° 23' E., of Cor. No. 1; an iron post 1 in. diam., 12 ins. above ground, set in concrete, and mkd. U 1 4233

61.75 Intersect Line 2-3 of Union Mining Claim, 11.58 chs. N. 29° 07' W. of Cor. No. 2; an iron post, 1 in. diam., 12 ins. above ground, set in concrete, and marked U 2 4233

75.00 Road, bears E. and W.

78.60 Wash, 10 lks. wide, 1 ft. deep, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 4 ft. base to top, for cor. of lots 4 and 5 of sec. 6, and lots 1 and 8 of sec. 1, with brass cap marked



BOOK 4113

Survey of West Boundary of T.5 S.,R. 18 W.

Chains
85.18

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor. of Ts. 4 and 5 S.,Rs. 18 and 19 W., with brass cap marked

T4S
R19W R18W
S 36 | S 31

S 1 | S 6
T5S
1940

raise a mound of
stone, 3 ft. base, 2 ft. high, S. of cor.

Land, gently rolling.
Soil, gravelly, 2nd. and 3rd. rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of North Boundary of T. 5 S.,R. 18 W.

From the cor. of Ts. 4 and 5 S.,Rs. 17 and 18 W.,

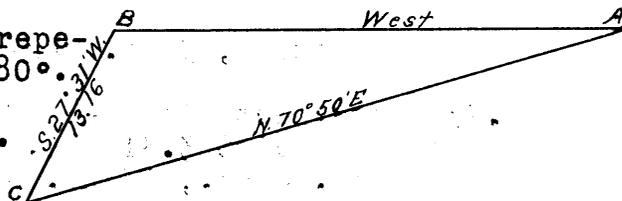
West, on a random line along the N. bdy. of T.5 S.,R.18 W., setting temporary $\frac{1}{4}$ sec. and sec. cors. alternately at intervals of 40.00 chs.

210.14.

Top of precipitous cliffs over which it is impracticable to measure by chaining. To determine the distance by triangulation, I set flag "A" at this point and proceed to point "B" on line ahead. From point "B" measure a base S.27°31'W., 13.16 chs. dist. to point "C". From "C", the flag at "A" bears N.70°50'E. From "B", the vertical angle back to "A" is +23°.

All angles measured by 3 repetitions and balanced to 180°.

Dist. A to B is 27.50 chs.



237.64

Triangulation point "B". Continue by direct measurement.

479.88

A point 25 lks. S. of the cor. of Ts. 4 and 5 S.,Rs. 18 and 19 W.

I return to the cor. of Ts. 4 and 5 S.,Rs. 17 and 18 W., described in the field notes of the W. bdy. of T.5 S., R.17 W., surveyed under this group,

Thence

N.89°58'W., on a true line bet. secs. 1 and 36.

Desc. 70 ft. over SW. slope, through scattering desert growth.

7.80

Ravine, course NW.; asc. 45 ft.

13.73

Spur, slopes N.20°W.; desc. 50 ft.

17.35

Ravine, course N.20°W.; asc. 60 ft.

Survey of North Boundary of T. 5 S., R. 18 W.

Chains	
22.50	Spur, slopes NW.; desc. 35 ft.
33.50	Ravine, course NE.; asc. 55 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a stone mkd. with a cross (+), deposited at the base, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 36 \\ \hline \frac{1}{4} \\ S\ 1 \\ 1940 \end{array}$
	Asc. 230 ft. over increasing NE. slope.
49.80	Main ridge of Castle Dome Mts., bears S.20°E. and NW.; desc. 270 ft. over broken SW. slope.
59.30	Ravine, course S.; asc. 140 ft. over general SE. slope.
69.80	Spur, slopes SW.; desc. 155 ft. over broken SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked
	$\begin{array}{c} T4S\ R18W \\ \hline S\ 35\ \ S\ 36 \\ \hline S\ 2\ \ S\ 1 \\ \hline T5S \\ 1940 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, mountainous. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

	N.89°58'W., on a true line bet. secs. 2 and 35.
	Desc. 35 ft. over SW. slope, through scattering desert growth.
2.25	Wash, 10 lks. wide, 3 ft. deep, course N.80°W., desc. 40 ft.
8.70	Same wash, course S.70°W.; continue descent 50 ft. over general W. slope.
31.00	A graded road, bears N.30°W. and S.30°E.
32.20	Wash, 15 lks. wide, 1 ft. deep, course SE.; asc. 75 ft. over NE. slope.
37.10	Spur, slopes S.30°E.; desc. 35 ft. over SW. slope.
39.50	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 35 \\ \hline WC\ \frac{1}{4} \\ S\ 2 \\ 1940 \end{array}$
	raise a mound of
	stone, 3 ft. base, 2 ft. high, N. of cor.

Survey of North Boundary of T. 5 S., R. 18 W.

Chains	Desc. slightly.										
40.00	True point for $\frac{1}{4}$ sec. cor. falls in wash, 25 lks. wide, 2 ft. deep, course SE.										
	Asc. slightly.										
44.50	Begin ascent of 745 ft. over broken NE. slope.										
71.75	Spur ridge, bears N.20°W., and S.40°E.; desc. 305 ft. over cliffs, facing SW.										
79.70	Ravine, course S.										
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone marked cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top of post, for cor. of secs. 2, 3, 34 and 35, with brass cap marked										
	<table border="1"> <tbody> <tr> <td colspan="2">T4S R18W</td> </tr> <tr> <td>S 34</td> <td>S 35</td> </tr> <tr> <td>S 3</td> <td>S 2</td> </tr> <tr> <td colspan="2">T5S</td> </tr> <tr> <td colspan="2">1940</td> </tr> </tbody> </table>	T4S R18W		S 34	S 35	S 3	S 2	T5S		1940	
T4S R18W											
S 34	S 35										
S 3	S 2										
T5S											
1940											
	Land, mountainous. Soil, rocky, 4th. rate. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.										

	N.89°58'W., on a true line bet. secs. 3 and 34.										
	Asc. 240 ft. over SE. slope, through scattering desert growth.										
7.90	Spur ridge, bears N.70°E. and S.70°W. The SW. cor. of office building at Big Eye Mine, bears N.4°12'E.; center of water tank bears N.1°14'E., approximately 52 chs. dist. Continue ascent 25 ft.										
11.10	Spur, slopes N.; desc. 305 ft. over broken NW. slope.										
31.50	Ravine, course NE.; asc. 330 ft. over SW. slope.										
39.25	Change to NE. slope with small ascent.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked										
	<table border="1"> <tbody> <tr> <td>S 34</td> </tr> <tr> <td>$\frac{1}{4}$</td> </tr> <tr> <td>S 3</td> </tr> <tr> <td>1940</td> </tr> </tbody> </table>	S 34	$\frac{1}{4}$	S 3	1940						
S 34											
$\frac{1}{4}$											
S 3											
1940											
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.										
	Asc. 50 ft. over NE. slope.										
47.50	The main ridge of Castle Dome Mts., bears N. and S.; desc. 65 ft. over NW. slope.										
50.14	Desc. 775 ft. over precipitous W. slope.										

Survey of North Boundary of T. 5 S., R. 18 W.

Chains

Measurement by triangulation as hereinbefore described.

77.64 Resume chaining; desc. 45 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T4S R18W	
S 33	S 34
S 4	S 3
T5S	
1940	

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

Land, mountainous.

Soil, rocky, 3rd. and 4th. rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.89°58'W., on a true line bet. secs. 4 and 33.

Desc. 20 ft. over NW. slope, through scattering desert growth.

0.60 Wash, 15 lks. wide, 3 ft. deep, course S.60°W.; over gently rolling land.

15.50 Begin ascent of 80 ft. over SE. slope.

25.50 Spur, slopes SW.; desc. 205 ft. over NW. slope.

36.60 Ravine, course SW.; over rolling land.

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

$\frac{1}{4}$	S 33

	S 4
	1940

raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T4S R18W	
S 32	S 33
S 5	S 4
T5S	
1940	

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

5000

Survey of North Boundary of T. 5 S., R. 18 W.

Chains

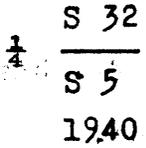
Land, mountainous and rolling.
Soil, rocky, 4th. rate and gravelly, 2nd. rate.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.89°58'W., on a true line bet. secs. 5 and 32.

Over rolling land, through scattering desert growth.

3.50 Wash, 20 lks. wide, 1 ft. deep, course SW..

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked



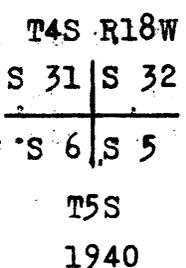
raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

51.50 Wash, 50 lks. wide, 2 ft. deep, course SW.

57.60 Wash, 25 lks. wide, 2 ft. deep, course S.20°W.; asc. 140 over broken SE. slope.

74.50 Spur, slopes S.30°W.; desc. 130 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, with a stone marked with a cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for cor. of secs. 5, 6, 31 and 32, with brass cap marked



Land, rolling.
Soil, gravelly, 2nd. and 3rd. rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.89°58'W., on a true line bet. secs. 6 and 31.

Desc. 50 ft. over NW. slope, through scattering desert growth.

6.00 Foot of slope; over gently rolling land.

17.40 Wash, 25 lks. wide, 1 ft. deep, course SW.

Survey of North Boundary of T.5 S., R.18 W.

Chains	
24.50	Same wash, course NW.
30.60	Road, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S\ 31 \\ \hline \frac{1}{4}\ S\ 6 \\ 1940 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, N. of cor.
50.50	Wash, 15 lks. wide, 2 ft. deep, course NW.
60.00	Road, bears N. and S.
79.88	The cor. of Ts. 4 and 5 S., Rs. 18 and 19 W., hereinbefore described.
	Land, rolling. Soil, gravelly, 2nd and 3rd rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF WEST BOUNDARY OF T.4 S., R.18 W.

North, bet. secs. 31 and 36.

Desc. 30 ft. over NE. slope; through scattering desert growth.

2.90	Wash, 25 lks. wide, 1 ft. deep, course NW., from E.; asc. 85 ft.
13.40	Spur, slopes N.60°W.; desc. 85 ft.
19.00	Wash, 40 lks. wide, 3 ft. deep, course NW.; over gently rolling land.
31.55	Road, bears NW. and SE.
31.82	The SW. cor. of the CASTLE DOME patented lode claim, Lot 39, General No. 60, bears N.49°26'W., 57.35 chs. dist. by triangulation. Cor. is an ironwood post with dim marks, set in a mound of stone, identified by relation to FLORA TEMPLE claim.
31.82	The SW. cor. of the FLORA TEMPLE patented lode claim, Lot 37, General No. 2, bears N.74°45'W., 43.57 chs. dist. by triangulation. Cor. is a mound of stone. As the cor. cannot by itself be identified and as the Initial Point of the survey cannot be found, part of the boundaries of the claim are retraced, as follows: From the SW. cor., The SE. cor. of FLORA TEMPLE bears N.70°34'E., 3.02 chs. dist., an unmarked ironwood post in a mound of stone. From this corner, The NE. cor. of the FLORA TEMPLE bears N.18°49'W., 30.34 chs. dist., a mound of stone. From cor. No. 5 (SE. cor.) of the 1ST NORTH EXTENSION OF THE FLORA TEMPLE, Lot 38, General No. 61: Cor. No. 1 of same bears S.71°38'W., 1.54 chs. dist.; and the NE. cor. of FLORA TEMPLE bears N.67°01'E., 69 lks. dist., a mound of stone.

Survey of West Boundary of T.4 S., R.18 W.

Chains	
36.30	Wash, 15 lks. wide, 2 ft. deep, course W. at this point, general course NW.; asc. 15 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Over flat.
47.50	Begin ascent of 215 ft. over broken SW. slope.
62.35	The SW. cor. of the FLORA TEMPLE mining claim bears S.65° 36'W.
66.60	Spur, slopes W., from S.60°E.; desc. 155 ft. over NE. slope.
66.67	The SW. cor. of the CASTLE DOME mining claim bears N.86°47'W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., on partially exposed bedrock, with a stone, mkd. with cross (+) deposited at base, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 25, 30, 31 and 36, with brass cap mkd.
	Land, rolling. Soil, gravelly, 3rd rate. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

	North, bet. secs. 25 and 30.
	Desc. 50 ft. over NE. slope; through scattering desert growth.
4.45	Wash, 15 lks. wide, 2 ft. deep, course NW.; over gently rolling land.
11.17	U.S.L.M. No. 1379 bears N.35°20'W., a porphyry stone, 24 x 12 x 18 ins. above ground, mkd. and witnessed as described in the official record.; Castle Dome Peak bears N.26°01'30"E.
11.25	Road, bears E. and W.
22.30	Wash, 15 lks. wide, 2 ft. deep, course W.; asc. 60 ft. over SW. slope.
29.00	Spur, slopes S.30°E.; desc. 40 ft. over NE. slope.
29.07	U.S.L.M. No.1379 bears N.44°22'W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone, mkd. with cross (+), deposited at

Survey of West Boundary of T.4 S., R.18 W.

Chains

base, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 25 \mid \text{S } 30 \\ | \\ 1940 \end{array}$$

Over gently rolling land.

65.50 Wash, 50 lks. wide, 3 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd.

$$\begin{array}{c} \text{T4S} \\ \text{R19W} \mid \text{R18W} \\ \text{S } 24 \mid \text{S } 19 \\ \hline \text{S } 25 \mid \text{S } 30 \\ | \\ 1940 \end{array}$$

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

Land, rolling and gently rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, bet. secs. 19 and 24.

Over gently rolling land; through scattering desert growth.

- 2.15 Wash, 30 lks. wide, 2 ft. deep, course S.70°W.; asc. 120 ft. over broken SW. slope.
- 18.40 Spur, slopes SE.; desc. 85 ft. over NE. slope.
- 18.43 U.S.L.M. No. 1379 bears S.64°17'W/51.20 chs. dist.; Castle Dome Peak bears N.39°51'E.
- 28.50 Head of ravine, course NW.; asc. 50 ft. over SW. slope.
- 33.60 Spur, slopes SE.; peak bears 1 ch. NW.; desc. 60 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 3 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 24 \mid \text{S } 19 \\ | \\ 1940 \end{array}$$
- Desc. 20 ft. over NE. slope.
- 42.50 Wash, 20 lks. wide, 1 ft. deep, course NW.; over gently rolling land.
- 63.20 Begin ascent of 265 ft. over SE. slope, to end of mile.
- 77.50 Change to SW. slope.

Survey of West Boundary of T.4 S., R.18 W.

Chains

80.00 True point for cor. of secs. 13,18,19 and 24 falls on face of rock ledge, an unsuitable place for permanent monument.

Land, rolling.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, bet. secs. 13 and 18.

Asc. 30 ft. over SW. slope. Through scattering desert growth.

0.80 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 13,18,19 and 24, with brass cap mkd.

T4S	
R19W	R18W
S 13	S 18

S 24	S 19
W	C
1940	

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

U.S.L.M.No.1379 bears S.28°38'W.

Cor. stands on spur, slopes W.

Desc. 210 ft. over broken NW. slope.

12.20 Ravine, course W.; asc. 145 ft. over SW. slope.

25.80 Spur, slopes N.70°W.; desc. 55 ft. over NE. slope.

31.10 Wash, 15 lks. wide, 1 ft. deep, course NW.; over gently rolling land.

38.00 Begin ascent of 25 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

+	
S 13	S 18
1940	

40.30 A low spur, slopes W.; desc. 35 ft. over NW. slope.

41.80 Wash, 40 lks. wide, 1 ft. deep, course W.; over gently rolling land.

53.60 Begin ascent of 695 ft. over SE. slope.

80.00 True point for cor. of secs. 7,12,13 and 18 falls on face of rock ledge, an unsuitable place for permanent monument.

Land, mountainous except near $\frac{1}{4}$ sec. cor.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of West Boundary of T.4 S., R.18 W.

Chains

North, bet. secs. 7 and 12.

Asc. 40 ft. up face of rock ledge, slopes S.; through scattering desert growth.

- 1.60 Set an iron post, 3 ft. long, 1 in. diam., in small depression in bedrock, with a stone, mkd. with cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for witness cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

W C	
T4S	
R19W	R18W
S12	S 7
S 13	S 18
1940	

- 1.65 Ridge, bears E. and S. 70°W.; desc. 510 ft. over NE. slope.
- 22.50 Wash, 30 lks. wide, 3 ft. deep, course NW.; asc. 110 ft.
- 31.80 Spur, slopes W., from NE.; across head of ravine, course W.
- 36.60 Spur, slopes N. 30°W.; desc. 150 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 12	S 7
1940	

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

Desc. 110 ft. over NE. slope.

- 43.20 Wash, 40 lks. wide, 2 ft. deep, course N. 30°W.; asc. 345 ft. over SW. slope.
- 61.50 Spur, slopes NW.; desc. 365 ft. over steep NE. slope.
- 69.00 Wash, 30 lks. wide, 4 ft. deep, course NW., from E.; asc. 465 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

T4S	
R19W	R18W
S 1	S 6
S 12	S 7
1940	

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of West Boundary of T.4 S., R.18 W.

Chains	
	North, bet. secs. 1 and 6.
	Asc. 20 ft. over SW. slope; through scattering desert growth.
1.20	Spur, slopes SE.; asc. 90 ft. across head of ravine, course S.60°E.
8.30	a peak, on same spur, slopes S.30°W.; desc. 105 ft.
14.30	Ravine, course SW.; asc. 175 ft. over SE. slope.
18.30	Spur, slopes NW., from E.; desc. 260 ft. over NE. slope.
26.10	Ravine, course NW.; asc. 70 ft. over SW. slope.
30.00	Spur, slopes W.; desc. 90 ft. over NW. slope.
35.00	Ravine, course SW., from E.; asc. 180 ft. over SW. slope.
39.30	Spur ridge, bears E. and N.70°W.; desc. 27 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 3 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \uparrow \\ \text{S } 1 \mid \text{S } 6 \\ \downarrow \\ 1940 \end{array}$
	Desc. 455 ft. over NE. slope.
53.40	Ravine, course W.; asc. 360 ft. over SW. slope.
61.00	Spur, slopes N.60°W.; desc. 330 ft. over N. slope.
65.80	Ravine, course W., course NW. from point 1 ch. W.; asc. 165 ft. starting over SW. slope.
75.00	Spur, slopes W.
77.50	a rocky peak; desc. 197 ft. over broken NW. slope.
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 3 ft. base, to top, for cor. of Ts. 3 and 4 S., Rs. 18 and 19 W., with brass cap mkd.
	$\begin{array}{c} \text{T3S} \\ \text{R19W} \mid \text{R18W} \\ \text{S } 36 \mid \text{S } 31 \\ \hline \text{S } 1 \mid \text{S } 6 \\ \text{T4S} \\ 1940 \end{array}$
	Land, rough mountainous. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of West Boundary of T.3 S., R.18 W.

Chains

From the cor. of Ts. 3 and 4 S., Rs. 18 and 19 W., herein-
before described,

North, bet. secs. 31 and 36.

Desc. 15 ft. over NW. slope; through scattering desert
growth.

- 0.45 Ravine, course N.60°W.; asc. 50 ft. over SW. slope.
- 5.00 Spur, slopes N.60°W.; desc. 105 ft. over NE. slope.
- 10.50 Wash, 20 lks. wide, 5 ft. deep, course W.; asc. 260 ft.
over SW. slope.
- 28.70 Spur, slopes NW.; desc. 125 ft. over NE. slope.
- 35.00 Ravine, course W.; asc. 30 ft. over SW. slope.
- 39.50 A low spur, slopes NW.; desc. 10 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the
ground, with a stone, mkd. with cross (+), deposited at
base, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$
sec. cor., with brass cap mkd.

↑
S 36 | S 31
1940

Desc. 90 ft. over broken NE. slope.

- 51.10 Ravine, course N.60°W.; asc. 95 ft. over SW. slope.
- 59.00 Ridge, divide of Castle Dome Mts., bears NW. and SE.; desc.
130 ft. over broken NE. slope.
- 77.00 Wash, 15 lks. wide, 2 ft. deep, course NE., from S.10°W.
- 79.85 Same wash, course NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground and in a mound of stone to top, for cor. of secs.
25, 30, 31 and 36, with brass cap mkd.

T3S
R19W | R18W
S 25 | S 30

S 36 | S 31
1940

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

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood
and cacti.

North, bet. secs. 25 and 30.

Over gently rolling land; through scattering desert growth.

- 4.10 Road, bears NE. and SW.

Survey of West Boundary of T. 3 S., R. 18 W.

Chains	
16.50	Same wash as 16.65 chs. south, 15 lks. wide, 2 ft. deep, course N.60°E.
19.80	Wash, 20 lks. wide, 3 ft. deep, course S.60°E.
21.00	Begin ascent of 270 ft. over SW. slope.
39.85	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a stone mound, 5 ft. base, to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
	W C $\frac{1}{4}$ S 25 S 30 1940
40.00	True point for $\frac{1}{4}$ sec. cor. falls on face of rock ledge, an unsuitable place for permanent monument. Ascend 145 ft. over SW. slope.
48.50	Spur ridge, bears N.20°W. and S.20°E., descend 250 ft. over rugged NE. slope.
59.00	Head of ravine, course SE; ascend 250 ft. over SE. slope. to end of mile.
69.20	Same spur ridge, bears NE. and S.20°W.; ascend over SW. slope.
80.00	True point for cor. of secs. 19, 24, 25 and 30 falls on face of rock ledge, an unsuitable place for permanent monument. Land, mountainous. Soil, rocky, 3d and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood and aacti.

	North, bet. secs. 19 and 24. Ascend 5 ft. over SW. slope; through scattering desert growth.
0.45	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for witness cor. of secs. 19, 24, 25 and 30, with brass cap mkd.
	W C T3S R19W R18W S 24 S 19 S 25 S 30 1940
	Ascend 555 ft. over SW. slope.
26.70	Spur ridge, bears NW. and SE.; descend 530 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 24 S 19 1940
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Descend 395 ft. over broken NE. slope.
73.70	Ravine, course NE.; ascend 30 ft. over SE. slope.

Survey of West Boundary of T. 3 S., R. 18 W.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd:

T3S	
R19W	R18W
S 13	S 18
S 24	S 19
1940	

Land mountainous.

Soil, rocky, 3d and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, bet. secs. 13 and 18.

Ascend 25 ft. over SE. slope; through scattering desert growth.

3.50 Change to NE. slope; descend 95 ft.

18.00 Foot of slope; over gently rolling land.

22.10 Wash, 60 lks. wide, 3 ft. deep, course N.60°E.

32.30 Wash, 25 lks. wide, 2 ft. deep, course NE. from W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 13	S 18
1940	

An ironwood, 6 ins. diam., bears N.5 $\frac{1}{2}$ °E., 207 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A mesquite, 8 ins. diam., bears N.14°W., 259 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

55.05 Road, bears NW and SE.

66.60 Wash, 20 lks. wide, 2 ft. deep, course W.

73.00 Begin ascent of 45 ft. over SE. slope.

78.00 Top of ascent; over mesa land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, with a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

T3S	
R19W	R18W
S 12	S 7
S 13	S 18
1940	

Land, gently rolling.

Soil, gravelly, 2d and 3d rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of West Boundary of T. 3 S., R. 18 W.

Chains	North, bet. secs. 7 and 12. Over flat; through scattering desert growth.
9.00	Begin ascent of 125 ft. over SW. slope.
23.60	Spur, slopes E.; descend 145 ft. over broken NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 12 S 7 1940
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Descend 5 ft. over NE. slope.
40.40	Wash, 15 lks. wide, 3 ft. deep, course E.; ascend 85 ft. over SE. slope.
51.50	Spur, slopes SE.; descend 50 ft. over NE. slope.
60.40	Wash, 20 lks. wide, 3 ft. deep, course E. at this point; general course SE.; ascend 255 ft. over SW. slope.
70.10	Spur, slopes SE.; ascend 260 ft. over SE. slope.
77.30	Ridge, bears NW. and N.60°E.; bears SE. from a point 6 chs. N.60°E.; descend 80 ft. over NE. slope.
79.50	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for witness cor. of secs. 1, 6, 7 and 12, with brass cap mkd.
	W C T3S R19W R18W S 1 S 6 ----- S 12 S 7 1940
80.00	True point for cor. of secs. 1, 6, 7 and 12 falls on face of rock ledge, faces NE., an unsuitable place for permanent monument. Land, mountainous. Soil, rocky, 3d and 4th rates. Timber, paloverde and ironwood; undergrowth, greasewood and cacti.

	North, bet. secs. 1 and 6. Descend 300 ft. over NE. slope; through scattering desert growth.
11.20	Ravine, course NE.; ascend 105 ft. over SE. slope.
14.40	Spur, slopes NE.; descend 280 ft. over NW. slope.
27.60	Ravine, course N.60°E.; ascend 50 ft. over SE. slope.
30.50	Spur, slopes E.; descend 50 ft. over NE. slope.
36.10	Wash, 15 lks. wide, 4 ft. deep, course SE., from W.; ascend 105 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 1 S 6 1940
	Ascend 105 ft. over SW. slope.

Survey of West Boundary of T.3 S., R.18 W.

- Chains
- 43.60 Spur, slopes E.; desc. 310 ft. over NE. slope.
- 57.40 Wash, 30 lks. wide, 3 ft. deep, course SE.; asc. 475 ft. over broken SW. slope.
- 75.20 Spur ridge, bears N.60°W. and S.60°E.; desc. 95 ft. over NE. slope.
- 79.20 Ravine, course S.60°E.; asc. 27 ft. over SE, slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., on exposed bedrock, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 5 ft. base to top of post, for cor. of Ts. 2 and 3 S., Rs. 18 and 19 W., with brass cap mkd.

T2S	
R19W	R18W
S 36	S 31
S 1	S 6
T3S	
1940	

Land, mountainous.
Soil, rocky, 3rd. and 4th. rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of Part of the North Boundary of T.5 S., R.19 W.

From the cor. of Ts. 4 and 5 S., Rs. 18 and 19 W., hereinbefore described,

West, bet. secs. 1 and 36.

Desc. 40 ft. over gradual NW. slope, through scattering desert growth.

- 9.80 Wash, 20 lks. wide, 2 ft. deep, course SW.; over gently rolling land.
- 11.40 Same wash, course NW.
- 13.03 Intersect Line 2-3 of Promontorio Mining Claim, Min. Sur. No. 4233, 7.08 chs. S.29°07'E. of Cor. No. 3; an iron post, 1 in. diam., 12 ins. above ground, set in concrete and marked P 3 4233
- 19.50 Same wash as above, course SW., in draw, 25 ft. deep.
- 33.86 Intersect Line 4-1 of the Stone Wall Mining Claim, Min. Sur. No. 4233, 31 lks. S.29°07'E. of Cor. No. 4; an iron post, 1 in. diam., 12 ins. above ground, set in concrete and marked S W 4 -4233
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | |
|---------------|
| S 36 |
| $\frac{1}{4}$ |
| S 1 |
| 1940 |
- raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.
- 44.80 Road, bears NW. and SE.
- 50.50 Road, bears N. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the

Survey of Part of the North Boundary of T.5 S., R.19 W.

Chains	<p>ground, with a stone mkd. with a cross (+), deposited at base, and in a mound of stone, 4 ft. base to top of post for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.</p> <p style="text-align: center;"> <table border="1"> <tr><td>T4S</td><td>R19W</td></tr> <tr><td>S 35</td><td>S 36.</td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td colspan="2" style="text-align: center;">T5S</td></tr> <tr><td colspan="2" style="text-align: center;">1940</td></tr> </table> </p> <p>Land, gently rolling. Soil, gravelly, 2nd. and 3rd. rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.</p> <hr/> <p>West, bet. secs. 2 and 35. Over flat, through scattering desert growth.</p> <p>25.80 Wash, 40 lks. wide, 2 ft. deep, course SW.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;"> <table border="1"> <tr><td>S 35</td></tr> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S 2</td></tr> <tr><td>1940</td></tr> </table> </p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>56.00 Road, bears NE. and SW.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd.</p> <p style="text-align: center;"> <table border="1"> <tr><td>T4S</td><td>R19W</td></tr> <tr><td>S 34</td><td>S 35</td></tr> <tr><td>S 3</td><td>S 2</td></tr> <tr><td colspan="2" style="text-align: center;">T5S</td></tr> <tr><td colspan="2" style="text-align: center;">1940</td></tr> </table> </p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high; W. of cor.</p> <p>Land, flat; Soil, gravelly, 2nd. and 3rd. rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.</p> <hr/> <p>West, bet. secs. 3 and 34. Over flat, through scattering desert growth.</p> <p>7.20 A graded road, bears N.70°E. and S.70°W.</p> <p>35.70 Wash, 30 lks. wide, 1 ft. deep, course S.80°W., from NE.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;"> <table border="1"> <tr><td>S 34</td></tr> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S 3</td></tr> <tr><td>1940</td></tr> </table> </p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>43.00 Enter same wash as above, course W., from S.80°E.</p> <p>49.00 Leave same, course S.60°W.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.</p> <p style="text-align: center;"> <table border="1"> <tr><td>T4S</td><td>R19W</td></tr> <tr><td>S 33</td><td>S 34</td></tr> <tr><td>S 4</td><td>S 3</td></tr> <tr><td colspan="2" style="text-align: center;">T5S</td></tr> <tr><td colspan="2" style="text-align: center;">1940</td></tr> </table> </p>	T4S	R19W	S 35	S 36.	S 2	S 1	T5S		1940		S 35	$\frac{1}{4}$	S 2	1940	T4S	R19W	S 34	S 35	S 3	S 2	T5S		1940		S 34	$\frac{1}{4}$	S 3	1940	T4S	R19W	S 33	S 34	S 4	S 3	T5S		1940	
T4S	R19W																																						
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S 2	S 1																																						
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T5S																																							
1940																																							

Survey of Part of North Boundary of T.5 S., R.19 W.

Chains	
	<p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, flat. Soil, gravelly, 2nd and 3rd rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.</p> <p>-----</p> <p>West, bet. secs. 4 and 33. Over flat; through scattering desert growth.</p>
8.20	Road, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \text{S } 33 \\ \hline \frac{1}{4} \text{ S } 4 \\ 1940 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
69.10	Road, bears NE. and SW.
79.30	Wash, 40 lks. wide, 2 ft. deep, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.
	$\begin{array}{c c} \text{T4S} & \text{R19W} \\ \hline \text{S } 32 & \text{S } 33 \\ \hline \text{S } 5 & \text{S } 4 \\ \text{T5S} & \\ \hline 1940 \end{array}$
	from which
	An ironwood, 4 ins. diam., bears N.37°E., 79 lks. dist., mkd. T4S R19W S33 BT.
	An ironwood, 6 ins. diam., bears S.85 $\frac{1}{4}$ °E., 150 lks. dist., mkd. T5S R19W S4 BT.
	An ironwood, 10 ins. diam., bears S.22°W., 220 lks. dist., mkd. T5S R19W S5 BT.
	An ironwood, 10 ins. diam., bears N.60°W., 131 lks. dist., mkd. T4S R19W S32 BT.
	Land, flat. Soil, gravelly, 2nd rate. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF PART OF SUBDIVISIONS OF T.5 S., R.19 W.

Chains

The following notes describe the survey of lines bet. secs. 32 and 33, 28 and 29, 20 and 21, 16 and 17, 8 and 9, and 4 and 5, only.

From the standard cor. of secs. 32 and 33, on the S. bdy. of T.5 S., R.19 W., the independent relocation of which is hereinbefore described,

N.0°02'W., bet. secs. 32 and 33.

Over flat; through scattering desert growth.

22.40 Wash, 20 lks. wide, 2 ft. deep, course SW.

36.15 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 32 \mid \text{S } 33 \\ \text{1940} \end{array}$$

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

60.00 Wash, 25 lks. wide, 2 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

$$\begin{array}{c} \text{T5S} \mid \text{R19W} \\ \text{S } 29 \mid \text{S } 28 \\ \hline \text{S } 32 \mid \text{S } 33 \\ \text{1940} \end{array}$$

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 28 and 29.

Over flat; through scattering desert growth.

39.50 Wash, 25 lks. wide, 2 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 29 \mid \text{S } 28 \\ \text{1940} \end{array}$$

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

73.50 Wash, 30 lks. wide, 4 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

Survey of Part of Subdivisions of T.5 S., R.19 W.

Chains

T5S	R19W
S 20	S 21
S 29	S 28
1940	

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 20 and 21.

Over flat; through scattering desert growth.

24.90 Wash, 25 lks. wide, 2 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 20	S 21
1940	

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

51.10 Wash, 25 lks. wide, 2 ft. deep, course SW.

79.85 Wash, 15 lks. wide, 3 ft. deep, course SW.

80.00 True point for cor. of secs. 16,17,20 and 21 falls on steep bank of wash, an unsuitable place for permanent monument.

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 16 and 17.

Over flat; through scattering desert growth.

0.40 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 16,17,20 and 21, with brass cap mkd.

T5S	R19W
S 17	S 16
S 20	S 21
W.C	
1940	

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

7.10 Wash, 30 lks. wide, 3 ft. deep, course SW.

38.30 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Survey of Part of Subdivisions of T.5 S., R.19 W.

Chains

$$\begin{array}{c} \uparrow \\ \text{S 17} | \text{S 16} \\ \text{1940} \end{array}$$

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

79.80 Road, bears N.60°E. and S.60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 8,9,16 and 17, with brass cap mkd.

$$\begin{array}{c} \text{T5S R19W} \\ \text{S 8} | \text{S 9} \\ \hline \text{S 17} | \text{S 16} \\ \text{1940} \end{array}$$

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 8 and 9.

Over flat; through scattering desert growth.

10.90 Wash, 20 lks. wide, 2 ft. deep, course SW.

39.60 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \text{W } \frac{1}{4} \text{ C} \\ \uparrow \\ \text{S 8} | \text{S 9} \\ \text{1940} \end{array}$$

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

40.00 True point for $\frac{1}{4}$ sec. cor. falls on S. bank of wash, 10 lks. wide, 1 ft. deep, course SW., an unsuitable place for permanent monument.

65.40 Wash, 25 lks. wide, 4 ft. deep, course SW.

74.95 A graded road, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4,5,8 and 9, with brass cap mkd.

$$\begin{array}{c} \text{T5S R19W} \\ \text{S 5} | \text{S 4} \\ \hline \text{S 8} | \text{S 9} \\ \text{1940} \end{array}$$

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of Part of Subdivisions of T.5 S., R.19 W.

Chains	
	N.0°02'W., on random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
85.06	Intersect the N. bdy. of the twp. at a point 14 lks. E. of the cor. of secs. 4,5,32 and 33, hereinbefore described.
	Thence,
	S.0°08'E., on true line, bet. secs. 4 and 5.
	Over flat; through scattering desert growth.
0.60	Wash, 40 lks. wide, 2 ft. deep, course SW.
5.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. of lots 4 and 5 of sec. 4 and of lots 1 and 8 of sec. 5, with brass cap mkd.
	$\begin{array}{c} 1 \ 4 \\ S5 \ \mid \ S4 \\ 8 \ 5 \\ 1940 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, W. of cor.
5.40	Road, bears NE. and SW.
43.80	Road, bears E. and W.
45.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ S \ 5 \ \mid \ S \ 4 \\ 1940 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, W. of cor.
54.20	Road, bears NE. and SW.
65.00	Wash, 25 lks. wide, 2 ft. deep, course SW.
85.06	The cor. of secs. 4,5,8 and 9.
	Land, flat.
	Soil, gravelly, 2nd and 3rd rates.
	Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF PART OF NORTH BOUNDARY OF T.4 S., R.19 W.

The following notes describe the survey of the E. 4 miles of the N. bdy. of T.4 S., R.19 W.

From the cor. of Ts. 3 and 4 S., Rs. 18 and 19 W., hereinbefore described,

West, bet. secs. 1 and 36.

Desc. 160 ft. over NW. slope; through scattering desert growth.

12.30 Wash, 20 lks. wide, 1 ft. deep, course S.; asc. 30 ft.

Survey of Part of North Boundary of T.4 S., R.19 W.

Chains

- 16.30 Spur, slopes N.30°E.; desc. 50 ft.
- 21.00 Ravine, road in bottom, course S.80°W.; over S. slope.
- 32.50 Wash, 15 lks. wide, 1 ft. deep, course SW., from N.; asc. 90 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 3 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} S\ 36 \\ \hline \frac{1}{4} \\ S\ 1 \\ 1940 \end{array}$$

Asc. 545 ft. over rugged NE. slope.

- 66.40 Spur ridge, bears N. and SW.; desc. 365 ft. over broken SW. slope.
- 80.00 True point for cor. of secs. 1,2,35 and 36 falls on face of cliff, faces SW., an impracticable place for permanent monument.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 2 and 35.

Over broken SW. slope; through scattering desert growth.

- 0.80 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for witness cor. of secs. 1,2,35 and 36, with brass cap mkd.

$$\begin{array}{r} T3S\ R19W \\ S\ 35\ | \ S\ 36 \\ \hline S\ 2\ | \ S\ 1 \\ T4S \\ 1940 \end{array} \text{WC}$$

Desc. 345 ft. over SW. slope.

- 12.00 Ravine, course NW.; asc. 60 ft. over NE. slope.
- 19.00 Spur, slopes NW.; desc. 100 ft. over SW. slope.
- 21.00 Ravine, course NW.; asc. 105 ft.
- 33.60 Spur, slopes NW.; desc. 55 ft.
- 36.40 Ravine, course N.; asc. 60 ft.
- 39.00 Spur, slopes N. from Knoll 1 ch. to S.; desc. 30 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Survey of Part of North Boundary of T.4 S., R.19 W.

Chains

$$\frac{1}{4} \frac{S 35}{S 2}$$

1940

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

Desc. 20 ft. over NW. slope.

- 40.65 Ravine, course N.30°E.; asc. 115 ft.
- 50.70 Spur ridge, bears NW. and S.30°E.; desc. 290 ft. over broken NW. slope.
- 62.90 Wash, 15 lks. wide, 2 ft. deep, course S.70°W.; asc. 50 ft. over SE. slope.
- 70.00 Spur, slopes S.; desc. 60 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 2,3,34 and 35, with brass cap mkd.

T3S	R19W
S 34	S 35

S 3	S 2
-----	-----

T4S

1940

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

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 3 and 34.

Desc. 55 ft. over SW. slope.

- 8.05 Ravine, course S.; asc. 45 ft.
- 11.70 Spur, slopes S.30°W.; desc. 90 ft.
- 18.80 Wash, 15 lks. wide, 1 ft. deep, course S.; asc. 65 ft.
- 31.10 Spur, slopes S.; desc. 85 ft.
- 37.00 Head of ravine, course S.; asc. 25 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1940

Asc. 25 ft. over SE. slope.

- 46.00 Same spur as last, slopes N.60°E., from S.; desc. 70 ft.

Survey of Part of North Boundary of T.4 S., R.19 W.

Chains	
49.70	Ravine, course N.30°W.; asc. 80 ft.
54.60	Spur, slopes N.20°W.; desc. 135 ft. over SW. slope.
62.00	Wash, 15 lks. wide, 2 ft. deep, course S.30°W.; asc. 35 ft.
65.50	Spur, slopes S.20°W.; desc. 35 ft.
68.30	Wash, 10 lks. wide, 1 ft. deep, course S.20°W.; asc. 35 ft.
77.80	Spur, slopes SW.; desc. 25 ft. over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 3,4,33 and 34, with brass cap mkd.

T3S R19W	
S 33	S 34
<hr/>	
S 4	S 3
T4S	
1940	

Land, heavily rolling and broken.

Soil, rocky, 3rd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 4 and 33.

Desc. 10 ft. over NW. slope; through scattering desert growth.

0.50	Foot of slope; over flat.
3.90	Wash, 40 lks. wide, 3 ft. deep, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 33
<hr/>
S 4
1940

raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.

80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4,5,32 and 33, with brass cap mkd.
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T3S R19W	
S 32	S 33
<hr/>	
S 5	S 4
T4S	
1940	

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF PART OF SUBDIVISIONS OF T.4 S., R.19 W.

Chains

The following notes describe the survey of the 6 miles of the 4th meridional line from the east through T.4 S., R.19 W.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of T.4 S., R.19 W., hereinbefore described,

N.0°02'W., bet. secs. 32 and 33.

Over flat; through scattering desert growth.

19.20 A graded road, bears NE. to Castle Dome and SW. to Yuma.

26.80 Wash, 30 lks. wide, 2 ft. deep, course W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

	↑	
S 32		S 33
	↓	
	1940	

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

43.60 Wash, 25 lks. wide, 2 ft. deep, course S.60°W.

79.20 Wash, 25 lks. wide, 1 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T4S		R19W
S 29		S 28
S 32		S 33
	↓	
	1940	

from which

An ironwood, 8 ins. diam., bears N.11°E., 279 lks. dist., mkd. T4S R19W S28 BT.

An ironwood, 12 ins. diam., bears S.63°E., 267 lks. dist., mkd. T4S R19W S33 BT.

An ironwood, 24 ins. diam., bears S.53 $\frac{3}{4}$ °W., 241 lks. dist., mkd. T4S R19W S32 BT.

An ironwood, 6 ins. diam., bears N.53 $\frac{1}{4}$ °W., 355 lks. dist., mkd. T4S R19W S29 BT.

Land, flat.

Soil, gravelly, 2nd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 28 and 29.

Over flat; through scattering desert growth.

15.20 Road, bears N.60°E. and S.60°W.

34.35 Road, bears NE. and SW.

Survey of Part of Subdivisions of T.4 S., R.19 W.

Chains 39.70	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> W C $\frac{1}{4}$ S 29 S 28 1940 </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
40.00	True point for $\frac{1}{4}$ sec. cor. falls in wash, 20 lks. wide, 2 ft. deep, course S.60°W.
43.60	Road, bears NW. and S.30°E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd. <div style="text-align: center;"> T4S, R19W S 20 S 21 S 29 S 28 1940 </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, flat. Soil, gravelly, 2nd and 3rd rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.</p> <hr style="border-top: 1px dashed black;"/> <p>N.0°02'W., bet. secs. 20 and 21. Over flat; through scattering desert growth.</p>
27.60	Wash, 25 lks. wide, 3 ft. deep, course W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S 20 S 21 1940 </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
68.50	Wash, 30 lks. wide, 2 ft. deep, course W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd. <div style="text-align: center;"> T4S, R19W S 17 S 16 S 20 S 21 1940 </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, flat. Soil, gravelly, 2nd and 3rd rates. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.</p> <hr style="border-top: 1px dashed black;"/>

Survey of Part of Subdivisions of T.4 S., R.19 W.

Chains

N.0°02'W., bet. secs. 16 and 17.

Over flat; through scattering desert growth.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 17 \mid \text{S } 16 \\ \cdot 1940 \end{array}$$

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

- 64.10 Wash, 20 lks. wide, 5 ft. deep, course SW.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

$$\begin{array}{c} \text{T4S R19W} \\ \text{S } 8 \mid \text{S } 9 \\ \hline \text{S } 17 \mid \text{S } 16 \\ \cdot 1940 \end{array}$$

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 8 and 9.

Over flat; through scattering desert growth.

- 10.10 Wash, 20 lks. wide, 3 ft. deep, course SW.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 8 \mid \text{S } 9 \\ \cdot 1940 \end{array}$$

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

- 60.90 Wash, 50 lks. wide, 3 ft. deep, course W.

- 76.40 Wash, 15 lks. wide, 1 ft. deep, course W.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

$$\begin{array}{c} \text{T4S R19W} \\ \text{S } 5 \mid \text{S } 4 \\ \hline \text{S } 8 \mid \text{S } 9 \\ \cdot 1940 \end{array}$$

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

Land, flat.

Soil, gravelly, 2nd and 3rd rates.

Survey of Part of Subdivisions of T.4 S., R.19 W.

Chains

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., on random line, bet. secs. 4 and 5 .

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

79.76 Intersect the N. bdy. of the twp. at a point 14 lks. W. of the cor. of secs. 4,5,32 and 33, hereinbefore described.

Thence,

S.0°04'W., on true line, bet. secs. 4 and 5.

Over rolling land, slopes SE.; through scattering desert growth.

14.50 Wash, 10 lks. wide, 3 ft. deep, course SW.; over flat.

31.30 Wash, 20 lks. wide, 2 ft. deep, course SW.

39.76 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 5 S 4

1940

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

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

Land, flat and gently rolling.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF PART OF NORTH BOUNDARY OF T.3 S., R.19 W.

The following notes describe the survey of the east 5 miles of the N. bdy. of T.3 S., R.19 W.

Beginning at the cor. of Ts. 2 and 3 S., Rs. 18 and 19 W., hereinbefore described,

West, bet. secs. 1 and 36.

Asc. 125 ft. over SE. slope; through scattering desert growth.

4.60 Spur, slopes N.60°E.; over N. slope.

8.20 Spur ridge, bears N.60°W. and S.60°E.; desc. 370 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1940

Survey of Part of North Boundary of T.3 S., R.19 W.

Chains

of stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound

Desc. 12 ft. over gentle SW. slope.

48.80 Wash, 15 lks. wide, 3 ft. deep, course S.70°E.; asc. 260 ft. over NE. slope.

71.00 Spur ridge, bears N.20°E. and S.; desc. 210 ft. over W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 1,2,35 and 36, with brass cap mkd.

T2S R19W	
S 35	S 36
S 2	S 1
T3S	
1940	

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 2 and 35.

Desc. 30 ft. over W. slope; through scattering desert growth.

4.50 Wash, 20 lks. wide, 2 ft. deep, course N.; over flat.

15.70 Begin ascent of 40 ft. over SE. slope.

19.50 Spur, slopes S.; knoll bears 150 lks. N.; desc. 50 ft.

29.00 Wash, 15 lks. wide, 3 ft. deep, course N., from S.30°E.; asc. 125 ft. over SE. slope.

36.50 Spur, slopes N.80°E.; desc. 60 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 3 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 35
$\frac{1}{4}$ S 2
1940

Cor. stands on change of slope.

Asc. 185 ft. over NE. slope.

58.00 Spur ridge, bears N. and S.; desc. 160 ft. over NW. slope.

62.30 Ravine, course N.20°W., from S.20°W.; asc. 150 ft. over broken NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for cor. of

Survey of Part of North Boundary of T.3 S., R.19 W.

Chains secs. 2,3,34 and 35, with brass cap mkd.

T2S R19W	
S 34	S 35
S 3	S 2
T3S	
1940	

Land, rolling and mountainous.
Soil, gravelly, 2nd rate and rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood
and cacti.

West, bet. secs. 3 and 34.

Asc. 165 ft. over NE. slope; through scattering desert
growth.

- 11.50 Spur ridge, bears SE. and N.70°W.; desc. slowly.
16.20 Desc. 60 ft. over SW. slope.
19.10 Head of ravine, course S.; asc. 145 ft. over SE. slope.
31.30 Spur, slopes S.; desc. 150 ft. over SW. slope.
35.20 Ravine, course S.20°E.; asc. 60 ft. over NE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 34
$\frac{1}{4}$ S 3
1940

raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.

Asc. 145 ft. over NE. slope.

- 54.50 Spur, slopes S.60°E.; desc. 15 ft.
57.70 Ravine, course S.20°E.; asc. 50 ft.
63.00 Spur, slopes S.; desc. 60 ft.
66.90 Ravine, course S.20°E.; asc. 90 ft.
72.30 Spur, slopes SE.; desc. 50 ft. over SW. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground, with a stone, mkd. with cross (+), deposited at
base, and in a mound of stone, 3 ft. base, to top, for cor.
of secs. 3,4,33 and 34, with brass cap mkd.

T2S R19W	
S 33	S 34
S 4	S 3
T3S	
1940	

Land, mountainous.
Soil, rocky, 3rd and 4th rates.

Survey of Part of North Boundary of T.3 S., R.19 W.

Chains

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 4 and 33.

Desc. 10 ft. over SW. slope; through scattering desert growth.

- 1.50 Ravine, course SE.; asc. 180 ft. over NE. slope.
 12.30 Spur, slopes S.60°E.; desc. 45 ft. over SW. slope.
 15.80 Head of ravine, course SE.; asc. 50 ft.
 18.10 Spur, slopes S.; desc. 80 ft.
 26.60 Ravine, course SE.; asc. 80 ft.
 29.60 Ridge, divide of Castle Dome Mts., bears N. and S.; desc. 110 ft. over NW. slope.
 35.00 Ravine, course S.; SW. from point 1 ch. S.; asc. 90 ft.
 39.00 Spur, slopes S.20°W.; desc. 7 ft.
 39.70 Set an iron post, 3 ft. long, 1 in. diam., on exposed bed-rock, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 33
 WC $\frac{1}{4}$ —————
 S 4
 1940

- 40.00 True point for $\frac{1}{4}$ sec. cor. falls on face of cliff, 25 ft. high, faces SW., an unsuitable place for permanent monument.

Desc. 410 ft. over SW. slope.

- 51.10 Head of ravine, course S.; asc. 105 ft. over SE. slope.
 60.50 Spur, slopes S.; desc. 285 ft. over SW. slope.
 71.80 Ravine, course N.60°W.; asc. 90 ft. over NE. slope.
 77.00 Top of rock ledge, 100 ft. high; desc. 90 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, with a stone, mkd. with cross, (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.

T2S R19W
 S 32 | S 33
 ————
 S 5 | S 4
 T3S
 1940

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of Part of North Boundary of T.3 S., R.19 W.

Chains

West, bet. secs. 5 and 32.

Asc. 5 ft. over NE. slope; through scattering desert growth.

0.40 Spur, slopes N.60°W.; desc. 305 ft. over SW. slope.

17.30 Ravine, course N.60°W.; asc. 25 ft. over broken NE. slope.

32.40 A rocky spur, slopes N.30°W.; desc. 55 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 32
$\frac{1}{4}$
S 5
1940

Desc. 105 ft. over rolling NW. slope.

53.00 Foot of slope; over gently rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T2S	R19W
S 31	S 32
S 6	S 5
T3S	
1940	

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

Land, heavily rolling and rolling.

Soil, gravelly, 3rd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

SURVEY OF PART OF SUBDIVISIONS OF T.3 S., R.19 W.

The following notes describe the survey of the lines bet. secs. 32/33, 28/29, 20/29, ^{19/20,} 17/18, 7/8 and 5/6, only.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of T.3 S., R.19 W., hereinbefore described,

N.0°02'W., bet. secs. 32 and 33.

Over rolling land; through scattering desert growth.

8.10 Wash, 10 lks. wide, 2 ft. deep, in draw, 25 ft. deep, course W.

11.00 Wash, 15 lks. wide, 3 ft. deep, course NW., general course W.; over gently rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Survey of Part of Subdivisions of T.3 S., R.19 W.

Chains

$$\begin{array}{c} \uparrow \\ \text{S } 32 \mid \text{S } 33 \\ \text{1940} \end{array}$$

from which

An ironwood, 4 ins. diam., bears S.61 $\frac{1}{4}$ °E., 161 lks. dist., mkd. BT.

An ironwood, 8 ins. diam., bears N.55 $\frac{1}{2}$ °W., 136 lks. dist., mkd. $\frac{1}{4}$ S32 BT.

71.20 Wash, 30 lks. wide, 3 ft. deep, course S.60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

$$\begin{array}{c} \text{T3S } \mid \text{R19W} \\ \text{S } 29 \mid \text{S } 28 \\ \hline \text{S } 32 \mid \text{S } 33 \\ \text{1940} \end{array}$$

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

Land, gently rolling.

Soil, gravelly, 2nd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 28 and 29.

Over gently rolling land; through scattering desert growth.

21.80 Wash, 50 lks. wide, 3 ft. deep, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 29 \mid \text{S } 28 \\ \text{1940} \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

$$\begin{array}{c} \text{T3S } \mid \text{R19W} \\ \text{S } 20 \mid \text{S } 21 \\ \hline \text{S } 29 \mid \text{S } 28 \\ \text{1940} \end{array}$$

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

Land, gently rolling.

Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

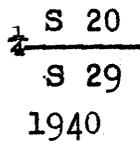
Survey of Part of Subdivisions of T.3 S., R.19 W.

Chains

West, on true line, bet. secs. 20 and 29.

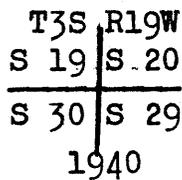
Over flat; through scattering desert growth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.



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

Land, flat.

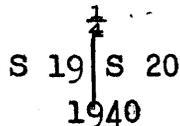
Soil, gravelly, 2nd and 3rd rates.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°03'W., bet. secs. 19 and 20.

Over flat; through scattering desert growth.

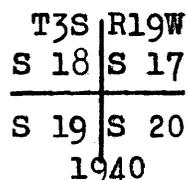
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



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

64.00 Wash, 25 lks. wide, 3 ft. deep, course N.60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.



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

Land, flat.

Soil, gravelly, 2nd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Survey of Part of Subdivisions of T.3 S., R.19 W.

Chains

N.0°03'W., bet. secs. 17 and 18.

Over flat; through scattering desert growth.

22.20 Wash, 20 lks. wide, 3 ft. deep, course W.

32.20 Wash, 15 lks. wide, 2 ft. deep, course S.80°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 18 \mid \text{S } 17 \\ | \\ 1940 \end{array}$$

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

80.00 True point for cor. of secs. 7, 8, 17 and 18 falls in wash, 25 lks. wide, 6 ft. deep, course S.60°W.

Land, flat.

Soil, gravelly, 2nd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°03'W., bet. secs. 7 and 8.

Over gently rolling land; through scattering desert growth.

0.70 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

$$\begin{array}{c} \text{T3S, R19W} \\ \text{S } 7 \mid \text{S } 8 \\ \hline \text{S } 18 \mid \text{S } 17 \\ \text{W } \mid \text{C} \\ 1940 \end{array}$$

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

1.40 Wash, 25 lks. wide, 3 ft. deep, course W.

7.00 Wash, 15 lks. wide, 4 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 7 \mid \text{S } 8 \\ | \\ 1940 \end{array}$$

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

53.10 Wash, 15 lks. wide, 3 ft. deep, course SW., from N.

55.70 Leave same, course S., from NE.

60.40 A graded road, bears NE. and SW.

66.70 Wash, 10 lks. wide, 2 ft. deep, course S.60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the

Survey of Part of Subdivisions of T.3 S., R.19 W.

Chains

ground, with a stone, mkd. with cross (+), deposited at base, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T3S R19W	
S 6	S 5

S 7	S 8
1940	

Land, rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°03'W., on random line, bet. secs. 5 and 6.

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

79.61 A point 20 lks. W. of the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the township, hereinbefore described.

Thence

S.0°06'W., on true line, bet. secs. 5 and 6.

Over rolling land; through scattering desert growth.

14.20 A power line maintenance road, bears N.20°W. to Parker and S.20°E. to Yuma.

19.40 Same road, bears NE. and SW.; desc. 100 ft. over broken SE. slope.

39.61 True point for $\frac{1}{4}$ sec. cor. falls in wash, 30 lks. wide, 3 ft. deep, course S.60°W.

Asc. 10 ft.

40.21 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

W C	
↑	
S 6	S 5

1940	

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

Asc. 50 ft. over NW. slope.

47.50 Top of ascent; over gently rolling land.

60.10 Wash, 15 lks. wide, 3 ft. deep, course S.30°W.

71.00 Wash, 30 lks. wide, 3 ft. deep, course W.

79.61 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Final test of solar attachment

May 8, 1940: At camp, which is located about 3 miles north of the cor. of secs. 2, 3, 34 and 35, Ts. 2 and 3 S., R. 19 W., at 5h 16.8m p.m., by my watch which reads correct 105th meridian time, I observe Polaris at western elongation in the usual manner for determination of azimuth, and mark a point in the meridian by a tack in a stake 5 chs. north of my station.

May 12: At 9h 00m a.m., app.t., I set off $33^{\circ}14\frac{1}{2}'N.$ on the latitude arc, $18^{\circ}13\frac{1}{4}'N.$ on the declination arc, and orient the instrument with the solar; the line of sight agrees with the meridian established by observation on Polaris.

At 3h 00m p.m., app.t., with the latitude arc unchanged, I set off $18^{\circ}17'N.$ on the declination arc, and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

General Description

The land over which the foregoing lines run is generally mountainous and of volcanic origin, the soil being rocky and gravelly.

The main divide of the Castle Dome Mountains traverses the NE. cor. of T. 5 S., R. 18 W. in a northwesterly and southeasterly direction. The rest of the township is largely foothills draining in a southwesterly direction through the Castle Dome Plain. The main divide of the Castle Dome Mountains continuing in a general NW. direction, crosses the E. bdy. of T. 3 S., R. 19 W. 2 miles N. of the SE. township cor. and also 2 miles W. of the NE. township cor. The NE. portion of T. 3 S., R. 19 W. drains in a NE. direction. T. 5 S., R. 19 W. is entirely within the Castle Dome Plain. The E. bdy. and the E. $\frac{1}{2}$ of the N. bdy. of T. 4 S., R. 19 W. crosses over the SW. slope of the Castle Dome Mountains. The rest of this township and the W. bdy. of T. 3 S., R. 19 W. is situated in the Castle Dome Plain. From the Castle Dome Plain to the crest of the Castle Dome Mountains, the elevation ranges from about 1500 to 2500 ft. above sea level. The entire area comprised in the above townships W. of the Castle Dome range, drains in a generally SW. direction.

There is a heavy stand of Palo Verde, a somewhat lighter stand of Iron Wood, Mesquite, Cat Claw and Palo Negro along the washes. Creosote bush and the giant sahuaro cacti thrives in abundance over the Plain land. There are scattered patches of yucca and century plant on the higher mountainous regions. There is no merchantable timber in the area surveyed.

There are no permanent surface flows of water. As a result stockmen and miners have dug quite a number of wells from which water is pumped by windmills. Throughout the area principally in the deep canyons near the foot of the main divide are found several man made tanks in which water is stored from the occasional thunder storms.

The principal wild game in the area include antelope, deer, big horned sheep, wild donkey, quail and dove. Conserving this mountainous region for a wild game refuge is a worthwhile and appropriate undertaking especially is this true for the big horned sheep.

The most important developments at the present time are the gold bearing quartz mineral claims. The roads are being improved considerably. The power line from Parker Dam to Yuma, Arizona constructed by the U. S. Bureau of Reclamation traverses through T. 3 S., R. 19 W. in a N. and S. direction just W. of the surveyed line between secs. 5-6, 7-8, 17-18 and 19-20.

Most of the area surveyed is uninhabited except for an occasional miner's camp.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Walter Wright	Prin. Asst
Clarence E. Liles	Chainman & Prin. Asst.
Jack Bowker	Chainman & Axman
Hugo A. Olsson	Flagman
Frank Doner, Jr.	Flagman & Axman
Cecil Williams	Axman
Alfred Sussex	Moundsman
Henry L. Dellai	Flagman
Mike Knezevich	Axman

50
46

BOOK 223

CERTIFICATE OF SURVEYOR

I, Ty White, Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of October, 1939 and the 13th. day of January, 1940 received from the district cadastral engineer for Arizona, with assignment instructions dated January 4, 1940, I have surveyed boundary lines of Ts. 3, 4 and 5 S., Rs. 18 and 19 W. and subdivisioal lines of Ts. 3, 4 and 5 S., R. 19 W.,

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.

Glendale, California.

November 8, 1940.

Ty White

Surveyor, General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, MAR 7, 1941.

The foregoing field notes of the survey of boundary lines of Ts. 3, 4, and 5 S., Rs. 18 and 19 W. and Subdivisioal lines of Ts. 3, 4 and 5 S., R. 19 W., of the Gila and Salt River Meridian, in the State of Arizona

executed by Ty White, Surveyor, General Land Office, under special instructions dated Oct. 20, 1939 and Jan. 13, 1940, and assignment instructions dated January 4, 1940, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Donald P. Johnson
Supervisor of Surveys.

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 on file in the public survey office.

Supervisor of Surveys.