

T 5 S R 22 E

CONTRACT 53

P. CONTZEN
DEP. SUR

H.

No. 638.

Subs. BOOK 638

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Returns Sent to Washington 19th 1900
27

638

BOOK 638

Preliminary Oaths of Assistants.

We, *J. O. Hays*
and *W. H. Childress*
do solemnly swear that we will well and faithfully
execute the duties of Chain Carriers; that we will
level the chain upon even and uneven ground, and
plumb the tally pins, either by sticking or dropping
the same; that we will report the true distance to
all notable objects, and the true lengths of all lines
that we assist in measuring, to the best of our skill
and ability, and in accordance with instructions
given us, in the survey of the *exterior*
and subdivision lines
of Twp. 5 S. R. 22 E.
and Twp. 6 S. R. 23 E.

of the Gila and Salt River Base and Meridian in
the Territory of Arizona.

J.O. Hays Chainman.

W.H. Childress Chainman.

Martin Ranzy Chainman.

Frank Davis Chainman.

Subscribed and sworn before me, this 27th

day of March, 1900 189

John Alexander Notary Public.

[SEAL.]

BOOK 638

We, Charlie King, J. W. Childress,

of Turilla Villa

do solemnly swear that we will well and truly perform the duties of flagman and ax men

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the

exterior and subdivision lines of Tps. 5 S. R. 22 E
and Tps. 6 S. R. 23 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Charlie King -- flagman
J. W. Childress ax man
Turilla Villa ax man

Subscribed and sworn to before me this 27th

day of March, 1900 189

Johns. Alexander

Notary Public.

My Commission expires July 14, 1902.

No. 638 BOOK 1B
638

Field Notes
of the
Subdivision Lines
of
Township 5 South, Range 22 East
of the
Gila & Salt River Base Meridian
in the
Territory of Arizona
as surveyed by
Philip Coutsen
U. S. Deputy Surveyor
under his contract No 53
Dated June 17 - 1899

Survey commenced April 4, 1900.
Survey completed April 16, 1900.

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BOOK 640

BOOK 639

BOOK 638

(4-674.)

Township N° 5 S. R. N° 22 E.

C.G.W.M.R.

6	116	5	81	4	58	3	37	2		1
114		113		79		57		34		
7	111	8	77	9	54	10	32	11		12
109		106		75		52		30		15
18	104	17	73	16	50	15	29	14	13	13
102		99		72		49		27		12
19	97	20	69	21	47	22	25	23	10	24
96		93		67		46		23		8
30	90	29	64	28	43	27	21	26	6	25
88		86		62		41		19		4
31	84	32	60	33	39	34	17	35	2	36

Subdivision of

Survey commenced April 4th
1900, with a Young & Sons light
mountain transit No 5609
with a Smiths solar attachment.
The instrument was examined
tested on the true meridian
at Tucson and found
correct and was approved
by the Surveyor General of
Arizona.

Preliminary to commencing
the subdivision I tested the
instrument on the meridian
established March 28, 1900, at
Stand. corner of T. S. Ranges
22 and 23 East as heretofore
described and found the
same in perfect adjustment.

S. 5° O. R. 22. E.

chains

April 4th, 1900, at 8 am, I set
out off $32^{\circ} 56'$ on Lat. arc;
 $5^{\circ} 41' N$ on the decl. arc; and
determine a true meridian
with the solar at the ^{stand.} corner
of secs. 35 and 36.

Thence I run

from corner point in wash

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

37. 20 Wash 60 ft. wide, course Northwesterly
with line

39. 00 Leave wash, course NWesterly

40. 00 Set a granite stone $18 \times 8 \times 6$ ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4} 5 35$ on W face
36 on E. face from which
a mesquite 7 ins. diam. bears
 $N 4\frac{1}{2}^{\circ} W$ 83 lbs. dist. marked
 $\frac{1}{4} 8. 35$ B.T.

BOOK 638

Sub-division of

chains

- A mesquite 10 ins. diam. bears
 $S 86\frac{3}{4}^{\circ} E.$ 230 lks. dist. marked
 $\frac{1}{4} S. 36.$ B.T.
- 41.00 Same wash, course N.Easterly
- 44.10 Wash 30 lks. wide, course N.Easterly
- 72.50 Lime kiln about 5 chs. E.
- 80.00 Set a granite stone, 18x10x10 ins.
 12 ins. in the ground for cor.
 5 secs. 25 26 35 and 36 marked
 with 1 notch on S and 1 notch on E edges.
 From which a mesquite 18 ins.
 diam. bears $N 28^{\circ} E$ 205 lks
 dist. marked T.5 S. R.22 E. S.25
 B.T.
- A mesquite 4 ins. diam. bears
 $S. 25^{\circ} E.$ 64 lks. dist. marked
 T.5 S. R.22 E. S.36. 13.T.
- A mesquite 6 ins. diam. bears
 $S 62\frac{1}{4}^{\circ} W.$ 113 $\frac{1}{2}$ * lks. dist. marked
 T.5 S. R.22 E. S.36. 13.T.

T 5 S. R. 22 E. Continued.

chains.

a mesquite 6 ins. diam. bears
 $N 46\frac{1}{2}^{\circ} W.$ 82 ebs dist. marked

T 5 S. R 22 E. S. 26 B.T.

Land level.

Dale 2nd rate, sandy and
 gravelly.

Timber, some scattering mesquite
 undergrowth, greasewood and
 mesquite.

East on a random line

bet. secs. 25 and 36.

40.00 set temp $\frac{1}{4}$ sec. cor.79.16 intersect E. bdy of Th. 9 ebs S.
of Cor. to secs. 25 and 36.

Thence I run

S. $89^{\circ} 56' W.$ on a true line
 bet. secs. 25 and 36.

28.16 Wash 4 ebs wide, course N.Westerly

BOOK 638

Subdivision of
chains

- 39.16 Set a Granite stone 18x12x8 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4} S$ 25 on N. face
26 on S. face, from which
a mesquite 7 ins. diam. bears
 $N 89^{\circ} E$ 300 lbs dist. marked
 $\frac{1}{4} S. 25$ B.T.
- 39.96 a mesquite 4 ins diam. bears
 $S 62\frac{3}{4}^{\circ} W$ 142 lbs. dist. marked
 $\frac{1}{4} S. 26$ B.T.
- 39.96 Wash 4 lbs. wide, course N. Easterly
60.16 Road from Spring to Pima bears
N. Easterly
- 74.16 Wash 5-lbs. wide, course Northwly
- 79.16 The cor. to secs. 25, 26 35 and 36
Land level and gently rolling.
Soil sandy and gravelly, 2nd rate.
Timber a few scattering mesquite
under growth, greasewood & mesquite

T. 5. R. 22. E. continued

~~lains~~

- No° 01' W. bet. Secs 25 and 26.
Over level and rolling land
6.80 Pima road bears E and W.
8.20 Road to Ft Thomas bears E & W,
and enter dense undergrowth
E and W.
33.80 Wash 2 chs. wide, course Easterly
39.90 Wash 20-eks. wide, course Easterly
40.00 set a Granite stone, 8x8x7 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S 26 on W face
25 on E. face from which
a Jaro 6 ins. diam. bears
 $N 12\frac{1}{2}^{\circ}$ E. 21 eks. dist. marked
 $\frac{1}{4}$ S. 25 B.T. a Jaro 6 ins. diam.
bears S $29\frac{1}{2}^{\circ}$ W. 80 eks. dist. marked
 $\frac{1}{4}$ S. 26 B.T.
44.00 Leave dense undergrowth
44.40 Black Rock creek 60eks. wide

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BOOK 638

chains

Sub-division of

course Easterly.

47.70 Foot of Bluff

47.90 Top of Bluff 40 ft. high, bears E & W.

62.20 Wash 60 lks. wide, course Easterly

71.70+ Wash 10 lks. wide, course Easterly.

78.00 Wash 10 lks. wide, course Easterly

80.00 Sit. a Granite stone 18 x 10 x 8 ins.

12 ins. in the ground for cor. of

secs. 23, 24, 25 and 26. marked

with 2 notches on S. and 1 notch

on E. edges. from which

a mesquite 6 ins. diam. bears

N $17\frac{1}{3}$ E 232 lks. dist. marked

T 5 S. R 22 E. S. 24. B.T.

a mesquite 5 ins. diam. bears

S. 49 $\frac{1}{2}$ W. 300 lks. dist. marked

T 5 S. R 22 E. S. 26. B.T.

a mesquite 5 ins. diam. bears

S. 51 $\frac{1}{2}$ W. 219 lks. dist. marked

T 5 S. R 22 E. continued

chains

T 5 S. R 22 E. S 26. B.T.

a mesquite 5 ins. diam. bears
 $571^{\circ} E$ 194 ebs dist. marked

T 5 S. R 22 E. S 25. B.T. and raised
 a mound of stones $2\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft high W. of cor.

Land level and rolling
 Soil gravelly. 2nd rate
 Timber scattering scrub mesquite
 Tresola and Jano
 Undergrowth Tresola & mesquite
 Land covered with dense undergrowth
 35,80 chs.

$N 89^{\circ} 56' E$ on a random line
 bet. secs. 24 and 25.

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

79.07 Intersect E. bdy. of Tp. 9 ebs. N
 of cor. to secs. 24 and 25

Subdivision of
chains.

Thence I run

West, on a true line

bet. Secs 24 and 25

over level and rolling land.

18.00 Leave Valley bears N.Easterly

28.50 Reenter valley bears S. Easterly

39.07 Set a granite stone 18x10x8 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.

Cor. marked 148.24 on N face

25 on S. face, dug pits 18x18x12 ins.

E and W of cor. 3 ft. dist. and raised
a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N of cor.41.00 Thence along N edge of valley
along south side of mesa

49.07 Wash 30 lks. wide, course S. Easterly

62.27 Wash 20 lks. wide, course Southerly

63.07 Leave Valley and ascend to mesa
bears NE and SW.

79.07 The cor. to secs. 23, 24, 25 and 26.

Land level and rolling

T 5 S R 22 E continued

chains

Soil gravelly, 2nd rate.

No Timber.

Under growth, greasewood and scattering mesquiti

N 0° 0' W bet. Secs 23 and 24

over rolling mesa

8.60 Wash 2 chs. wide, coarse Easterly

40.00 Set a Granite stone 18x7x6 ins.

12 ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}S\ 23$ on N face 24on E. face. dig pits 18x18x12 ins
N and S. of cor. and raised a
mount of earth 3 $\frac{1}{2}$ ft bases
1 $\frac{1}{2}$ ft high W. of cor.67.60 Trail from Ft Thomas to aravaipa
sears NE and SW.

70.10 Wash 20 chs. wide, coarse N. Easterly

74.40 same Wash 20 chs wide, coarse N. Westerly

Subdivision of

chains

- 75.30 same Wash 20 eks. wide, course N.Easterly
 78.80 Wash 10 eks. wide, course Easterly
 80.00 Set a Granite Stone 18 x 8 x 7 ins.
 12 ins. in the ground for cor. of
 secs. 13, 14, 23 and 24, marked
 with 3 notches on S and 1 notch
 on E. edges, from which
 a mesquite 10 ins. diam. bears
 $51\frac{1}{4}^{\circ}$ E 224 eks. dist. marked T.5 S.
 R 22 E. S. 24, B.T. no other trees
 within limits. Big pits 18 x 18 x 12 ins
 5½ ft. dist. in each section, and
 raised a mound of earth 4 ft.
 base 2 ft high W. of cor.

Land gently rolling

Soil gravelly 2nd rate

Timber, scattering scrub mesquite
 Undergrowth, scrub mesquite

T. 5. S. R 22 E. continued
chains

East on a random line

bet. Secs. 13 and 24

40.00 set Temp. $\frac{1}{4}$ sec. cor.

78.70 Intersect E. bdy of Tp. at cor
of secs. 13 and 24.

Thence I run

West, on a true line

bet. Secs 13 and 24.

Over rolling land:

11.80 Wash 30 eks. wide, course N. Eastly

38.70 Set a sandstone 18x10x6 ins. 12 ins.
in the ground for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4} S 13$ on N face 24 on
S face from which a mesquite

6 ins. diam. bears $N 17^{\circ} E$ 355 eks
dist. marked $\frac{1}{4} S. 13$ B.T.

A mesquit 6 ins. diam. bears
 $S 49 \frac{3}{4}^{\circ} W$ 76 eks. dist. marked
 $\frac{1}{4} S. 24$. B.T.

Subdivision of

chains.

- 63.70 Trail from Ft Thomas to Granada
bears NE and SW.
78.70 The cor to secs. 13, 14, 23 and 24
Land rolling
Soil gravelly 2nd rate
Timber, some scattering scrub
mesquite.
Undergrowth, scrub mesquite and
greasewood

No° 01' W bet. secs 13 and 14
over rolling land

- 11.10 Wash 10 ebs. wide, course Easterly
18.80 Wash 5 ebs. wide, course Easterly
37.50 Wash 20 ebs. wide, course Easterly
40.00 Set a granite stone 18x12x12 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4} s 14$ on N face
13 on E. face. dig pits 18x18x12 ins.

T. 5. S. R. 22 E. continued

chains

N and S of Cor. 3 ft. dist. and raised a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

52.40 Intersect S. line of Camp Goodwin Military Reservation (abandoned)

at a point $N 45^{\circ} E.$ 3.46 chs from
^{Interior} C.C. of secs. 13 and 14 & 28.67 chs from the SW cor of said Reservation.

Set a granite stone $18 \times 12 \times 10$ ins. 12 ins. in the ground for closing Cor. to secs 13 and 14. marked

C.C on S. face. 13 on E. face and 14 on W. face. C.C.M.R. on N. face raise a mound of stones $2\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high S. of Cor.

No trees within limits.

Land rolling.

Soil gravelly. 2nd rate

No timber, undergrowth, scattering mesquite

chains

Subdivision of

West, bet. secs. 12 and 13.

From the cor. of secs 12 and 13
on the E bdy of Tr 3 run
West on a true line.

- 3.00 Wash 20 lks. wide, course N. Easterly
- 19.10 Enter valley bears Northerly
- 21.00 Wash 10 lks. wide, course Northerly
- 21.50 Wash 20 lks. wide, course Northerly
- 30.00 Wash 20 lks. wide, course Northerly
- 35.00 Wash 20 lks. wide, course N. Easterly
- ~~38.30~~²³ at this point which bears due
North of $\frac{1}{4}$ sec cor. bet secs
13 and 24 on the S. bdy of this
sec. I set a granite stone
18 x 10 x 6 ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ sec 12
on N. face, 13 on S. face, from
which a Tessel 6 ins. diam. bears
 $534\frac{1}{2}^{\circ} W.$ 139 lks. dist. marked

T.T.S. R 22 E. continuedchains

1/4 S. 13. B.T. a mesquite 14 ins.
diam. bears N 71° W. 171 chs. dist.
marked 1/4 S. 12. B.T.

Leave valley course northerly
and enter rolling mesa.

63
50.70 intersect S. line of Camp
Goodwin Military Reservation
(abandoned) at a point N 45° E
3.91 chs from interior closing
cor. of secs. 12 and 13 and N 45° E
3.9.03 chs. from closing cor. of sections

13 and 14. and S 45° W. 71.48 chs. from closing
cor. of secs. 7 and 12 or S. 13 deg. of this 2nd.

Set a granite stone 18 x 12 x 7 ins.

12 ins. in the ground for closing

Cor. to secs. 12 and 13. marked

C.C. on E. face. 12 on N. face

13 on S. face C.G.M.R. on W. face

and raised a mound of stones

2 1/2 ft. base 1 1/2 ft high E. of cor.

BOOK 638

Subdivision of

chains

Pits impracticable, No Trees
within limits.

Land rolling and level

Soil, gravelly 2nd & 3rd rate

Timber, a few scattering Mesquite
undergrowth, mesquite & Yosota

April 5th 1900. at 2 P.M. L.M.T.

I set off $32^{\circ}56'$ on the lat. arc.
 $6^{\circ}09' N$ on the decl. arc and determine
a true meridian with the solar
at the cor of secs. 34 and 35 on
the S. bdy. of the T.P.

Thence I run

$N0^{\circ}01' W$ bet. secs. 34 and 35

1,10 Wash 20 lks. wide, course N Eastly

19,80 Wash 20 lks. wide, course N Eastly
leave broken land and enter
level and gently rolling land

T. 5 S. R. 22 E. continued

chains

38,80

Wash 20 eks. wide, course Easterly

40.00

Set a Granite Stone 18x7x7 ins.

12 ins. in the ground for $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ S 34 on N. face

35 on E. face, from which

a mesquiti 6 ms. diam. bears

$N 62\frac{1}{2}^{\circ} E.$ $55\frac{1}{2}$ lks. dist. marked

1/4 S. 35° B.T. a mesquili 10 ins.

dein. bears S 16 $\frac{3}{4}$ ° W. 148 lbs. dist.

marked 4534. B.T.

75,80

Wash 100 ft. wide, course N. Easterly

80.00

Get a Granite stone 18x7x7 ins.

12 ins. in the ground for cor. of

Decs. 26, 27, 34 and 35, marked

with 1 notch on S. and 2 notches

on 8 edges from which

a mesquite 6 ins. diam. bears

S 12 $\frac{1}{2}$ $^{\circ}$ E 176 lks. dist. marked

T 55 R 22 E S 35 B.T.

Sub-division of
chains.

- a Tesolā 3 ins. bears
 $S 52\frac{3}{4}^{\circ} E$ 173 eks. dist. marked
 T. 5 S. R 22 E. S. 35. B.T.
- a mesquite 6 ins. diam. bears
 $S. 37^{\circ} W$ 50 eks. dist. marked
 T. 5 S. R 22 E. S. 34. B.T.
- a mesquite 5 ins. diam. bears
 $N 4\frac{1}{2}^{\circ} W$. 210 eks. dist. marked
 T. 5 S. R 22 E. S. 27. B.T.

Land broken and gently rolling
 Soil, gravelly. 2nd & 3rd rali
 Timber some scattering mesquite
 Undergrowth, greasewood & mesquite
 & some Yucca.

East on a random line
 bet. secs 26 and 35.

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

79.82 intersect N and S line at cor

T. 5 S. R. 22 E. continued

chains.

6 secs 25, 26, 35 and 36

Thence I run

West, on a true line

bet. secs 26 and 35.

0.05 Wash 8 lks. wide, course Northerly

39.00 Wash 20 lks. wide, course Northerly

39.91 Set a Granite stone 18x12x6 ins.

12 ins. in the ground for $\frac{1}{4}$ sec.Cor. marked $\frac{1}{4}$ S. 26 on N. face35 on S. face. big pits 18x18x12
ins. E. and W. of cor. 3 ft. dist.
and raised a mound of earth
3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. N of cor.

55.40 Wash 10 lks. wide, course N. Easterly

73.00 Wash 10 lks. wide, course N. Easterly

79.82 The cor to secs 26, 27, 34 and 35

Land Level

Soil, sandy. 1st & 2nd rate

No timber. Undergrowth scrub

mesquite, yucca & cholla.

Subdivision of

chains.

- No° 01 W. bet. secs 26 and 27.
- 10.00 Enter dense undergrowth. E & W
- 15.60 Road to Ft Thomas bears E and W
- 39.00 Wash folks wide, course N Easterly.
- 40.00 Bet a sandstone $18 \times 10 \times 8$ ins. 12 ins.
in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4} S 27$ on W face, 26
on E. face. from which a
Jano 1/2 ins. diam. bears $N 31\frac{1}{2}^{\circ} E$
79 lks. dist. marked $\frac{1}{4} S. 26. B.T.$
a Jano 5 ins. diam. bears $N 88^{\circ} W.$
87 lks. dist. marked $\frac{1}{4} S. 27. B.T.$
- 41.00 Leave dense undergrowth E & W
- 42.30 Enter Black Rock creek, course Easterly
- 45.80 Leave Black Rock creek, course Easterly
and ascend bluffs 40 feet high.
- 46.50 Top of bluffs bear E & W.
- 48.00 Wash folks wide, course N. Easterly
- 50.20 Ridge bears NW & S Easterly

T. 5 S. R. 22 E. continued.

chains

- 52.00 Ridge bears E & W.
52.20 Wash 20 lks wide, course S. Easterly
69.20 Wash 10 lks. wide, course, Easterly.
80.00 Set a Sand Stone 18x8x8 ins. 12 ins.
in the ground for cor. of secs.
22, 23, 26 and 27, marked
with 2 matches on S. and E. edges
from which a Tesota 5 ins.
diam. bears N 22 $\frac{1}{4}$ ° E. 172 lks.
dist. marked T. 5 S. R. 22 E. S. 23. B.T.
A mesquite 6 ins. diam. bears
S 16 $\frac{3}{4}$ ° E. 239 lks. dist. marked
T. 5 S. R. 22 E. S. 26. B.T. A Tesota
5 ins. diam. bears S 22° W.
252 lks. dist. marked T. 5 S. R. 22 E.
S. 27. B.T. A Tesota 8 ins. diam.
bears N 31° W. 188 lks dist. marked
T. 5 S. R. 22 E. S. 22. B.T.
Land

chains

Sub-division ofSoil gravelly 2nd, 3rd rateTimber, scrub mesquite & Tosalá
and Bucamore & Jano

Undergrowth Tosalá & mesquite

Land covered with dense undergrowth
Tosalá & mesquite 31. chs.April 5, 1900April 6th 1900. 7.4° a.m. L.M.T.I set off $32^{\circ}57'$ on the lat. arc;
 $6^{\circ}26'$ on the decl. arc; and determine
a true meridian with the solar
at the cor. of secs. 22, 23, 26 and 27
Thence I runEast on a random line
bet. secs. 23 and 2640.00 set. temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N and S line 16 chs.

S of cor. to secs. 23, 24, 25 & 26

Thence I run

T. 5 S. R 22 E. continued

chains.

- S 89° 53' W. on a true line
bet. Secs. 23 and 26
- 07.00 Wash 10 ecls. wide, course S. Easterly
- 39.80 Wash 10 ecls. wide, course S. Easterly
- 40.00 Set a granite stone 18 x 14 x 10 ins.
12 ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4} S 23$ on N. face, 26 on
S. face, from which
a mesquill 12 ins. diam. bears
S. 13° E. 296 ecls. dist. marked
 $\frac{1}{4} S 26$, B.T. no other tree within
limits and dig pit 18 x 18 x 12 ins.
E & W of cor. 3 ft. dist. and raised
a mound of earth $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high N of cor.
- 59.00 Wash 8 ecls. wide, course N Easterly
- 68.60 Same wash 8 ecls. wide, course S. Easterly
- 80.00 The cor to secs. 22, 23, 26 and 27
Land level and gently rolling

chains

Sub-division of

Dirt, gravelly, 2nd rate
 Timber, a few scrub mesquites
 Undergrowth, scattering mesquites
 Yucca & grease wood.

- N $0^{\circ}01'W$. bet. secs. 22 and 23
 over gently rolling mesa.
 Wash 10 lks. wide, course Easterly
 Trail from Ft Thomas to
 aravaipa bears NE. and SW.
 Wash 20 lks. wide, course Easterly
 Wash 10 lks. wide, course Easterly
 Wash 20 lks. wide, course Easterly
 Set a Granite stone 18x8x8 ins.
 12 ins. in the ground for 4 sec.
 cor. marked $\frac{1}{4}$ S 22 on W face
 23 on E. face. from which a
 mesquite 5 ins. diam. bears
 S $57\frac{1}{2}^{\circ}E$ 278 lks. dist. marked

T. 5 S. R. 22 E. continued

chains

1/4 S. 23. B.T. A mesquītē 6 ins.

diam. bears S 43° 1/2 W 299 lks. dist.

marked 1/4 S. 22. B.T.

40.90 Wash 10 lks. wide, coarse Easterly

80.00 Set a granite stone 18×8×8 ins.

12 ins. in the ground for cor. of
secs. 14, 15, 22 and 23, marked
with 3 matches on S. and 2 matches
on E. edges, from which
a Tesolā 10 ins. diam. bears

S. 72° E 115 lks. dist. marked

T. 5 S. R 22 E. S. 23. B.T. no other
trees within limits. dig pits
18×18×12 ins. in each sec.

5 1/2 ft. dist. and raised a mound
of earth 4 ft. base 2 ft. high
W. of cor.

Land rolling

Soil gravelly. 2nd rate

chains

Subdivision of

Tinber, some mesquite
undergrowth, scrub mesquili
and Tisota.

$N 89^{\circ} 53' E$ on a random line
bet. secs. 14 and 23

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

80.00 Intersect N and S line 16.eks N.
of cor to secs. 13, 14, 23 and 24.

Thence I run

West. on a true line
bet. secs 14 and 23

over level and rolling land

16,20 Wash 10 eks. wide, course SEasterly.

21,80 same Wash 10 eks. wide, course NEasterly

22,60 same wash 10 eks. wide, course N. Easterly

25,50 run up same wash

37,90 Wash 10 eks wide, course N. Easterly

39,25 same wash. 10 eks. wide, course, SEasterly

T. 5 S. R. 22 E. continued

chains

- 40.00 Set a granite stone 18x10x7 ins.
12 ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4} S 14$ on N face, 23
on ~~S~~ face, from which
a mesquite 3 ins. diam. bears
 $N 13\frac{3}{4}^{\circ} E.$ 104 eks. dist. marked
 $\frac{1}{4} S. 14. B.T.$ a mesquite 10 ins.
diam. bears $S 49\frac{1}{2}^{\circ} E.$ 113 eks.
dist. marked $\frac{1}{4} S. 23. B.T.$
- 42.10 same wash 10eks. wide, course N.Easterly
- 78.00 Ridge bears NE and SW.
- 80.00 The cor to secs. 14, 15, 22 and 23.
Land level and rolling
Soil. gravelly 2nd & 3rd rate
No timber.
Undergrowth. greasewood, Tisota
and Yucca.

chains

- Sub-division of
- 1.20 $N 0^{\circ} 01' W.$ bet. secs 14 and 15
old military road to camp
Goodwin, bears NE and SW.
- 2.50 Wash 10 lks. wide, course NEasterly
- 19.50 Wash 5 lks. wide, course NEasterly.
- 26.30 Wash 10 lks. wide, course ~~E~~NEasterly
- 40.00 Wash 15 lks. wide course NEasterly;
point for $\frac{1}{4}$ sec comes in wash
- 43.00 Set a granite stone 18x12x7 ins.
12 ins. in the ground for witness
cor. to $\frac{1}{4}$ sec. cor. marked W.C.
 $\frac{1}{4} S 15$ on W. face, 14. on E. face,
from which a scrub mesquite
5 ins. diam. bears $S 72\frac{1}{3}^{\circ} W.$ 141 lks
dist. marked W.C. $\frac{1}{4} S 15$. B.T.
- 53.00 A scrub mesquite, 6 ins. diam.
bears $S 78\frac{1}{4}^{\circ} E.$ 179 lks. dist. marked
W.C. $\frac{1}{4} S. 14.$ B.T.
- Leave mesa, bears NE & SW.
& enter broken hills.

T. 5. S. R 22 E. continued

chains

80.00

Set a sandstone $18 \times 7 \times 7$ ins.
12 ins in the ground for cor.
of secs. 10, 11, 14 and 15,
marked with 4 notches on S.
and 2 notches on E. edges.
and raised a mound of stones
 $2\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable. No trees
within limits

Sand rolling and broken
Soil, gravelly, 2nd rate

Timber, some scattering mesquite
undergrowth, mesquite, Tisota and
Yucca.

East, bet. secs. 11 and 14.
on a true line.

Over broken mesa, and ascending.

5.80 Top of ascent

Subdivision of

chains

- 24.90 Enter Valley, bears NEasterly
 Wash 10 lks. wide, course NEasterly.
 26.40 Military road bears NE and SW
 40.00 Set a sand stone 18 x 10 x 7 ins.
 12 ins. in the ground for $\frac{1}{4}$ sec.
 Cor. marked $\frac{1}{4}$ S. 11 on N. face.
 14. on S. face, from which
 a mesquite 5 ins. diam. bears
 $S. 46\frac{1}{4}^{\circ} E.$, 186 lks. marked $\frac{1}{4}$ S. 14.
 B.T. a Palo Verde 5 ins. diam.
 bears $N 18^{\circ} E.$ 28 lks. dist. marked
 $\frac{1}{4}$ S. 11. B.T.
 41.00 Wash 15 lks. wide, course NEasterly
 59.80 Intersect W. line of Camp
 Goodwin Military Reservation
 (abandoned) 1.32 chs S. of S. N. cor.
 of old E. B of S.C. I.R and 3.89 chs.
 N of interior closing cor. of
 secs. 11 and 14. and 47.⁶⁰_{.72} lks. N of SW
 cor. of Camp Goodwin, Military Reservation said

T. 5 S. R. 22 E. continued.

chains

corners are stones properly marked and witnessed as described by the surveyor general. Set a granite stone 18 x 8 x 6 ins. 12 ins. in the ground for closing cor. to secs. 11 and 14, marked C.G.M.R. on E. face, 14 on S. face, C.C. on W. face, 11 on N face, and raise a mound of stones 2½ ft. base, 1½ ft. high N. of cor. Land, rolling and broken

No Timber

undergrowth, greasewood
ocotillo and Palo Verde.

April 6, 1900

April 7, 1900

No 01' W. bet. secs. 10 and 11

over broken mesa

28.00

Head of valley, bears northerly
with line

Subdivision of

Chains

40.00

Set a Granite stone 18x12x6 ins.
12 ins. in the ground for 1/4 sec. cor.
marked 1/4 S. 10. on W. face. 11.
on E. face, from which
a mesquite 6 ins. diam. bears
 $N76\frac{3}{4}^{\circ}$ E. 169 lbs. dist. marked
1/4 S. 11. B.T. a mesquite 7 ins.
diam. bears $N73^{\circ}$ W. 191 lbs.
dist. marked 1/4 S. 10. B.T.

40.95

Wash rocks wide, coarse N Easterly.

42.70

same wash rocks wide, coarse N. Westerly

80.00

Set a Granite stone 18x10x8 ins.
12 ins. in the ground for cor
of secs. 2. 3. 10 and 11. marked
with 5 notches on S. and 2 notches
on W. edges, from which
a mesquite 8 ins. diam. bears
 $N61^{\circ}$ E. 76 lbs. dist. marked
T.5 S. R.22 E. S.2. B.T.

T.5.S. R.22.E. continued

chains

A mesquite 6 ins. diam. bears
 $S 11\frac{1}{4}^{\circ} E.$ 84 lbs. dist. marked

T.5.S. R.22.E. S. 11. B.T.

A mesquite 10 ins. diam. bears
 $S. 23\frac{1}{2}^{\circ} W.$ 163 lbs. dist. marked

T.5.S. R.22.E. S. 10. B.T.

A mesquite 6 ins. diam. bears
 $N 78\frac{3}{4}^{\circ} W$ 110 lbs. dist. marked

T.5.S. R.22.E. S. 3. B.T.

Land rolling, broken & level
Soil, sandy & gravelly, 2nd & 3rd rate
Timber, some mesquite
Undergrowth, mesquite & greasewood.

East, on a true line

bet. secs. 2 and 11.

over level land

13.10 ascend

24.50 Top of high ridge bears N+S.
descend.

Sub-division of
chains

- 29.50 Enter Valley, bears northerly
- 30.10 Wash 20 eks. wide, course northerly
- 40.00 Set a granite stone 18x8x6 ins
12 ins. in the ground for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ S. 2. on N face, 11. on
S. face, from which
a mesquite 5 ins. diam. bears
 $N 74\frac{1}{2}^{\circ} E$ 69 eks. dist. marked
 $\frac{1}{4}$ S. 2. B.T.
- a mesquite 8 ins. diam. bears
 $S 49\frac{1}{4}^{\circ} E$. 87 eks. dist. marked
 $\frac{1}{4}$ S. 11. B.T.
- 42.20 Road to Camp Goodwin bears
northerly and southerly
- 43.10 Wash 30 eks. wide, course, Northerly
- 47.30 Leave Valley bears N Easterly
and ascend
- 58.00 Top of high ridge bears
N and S.

T. 5 S. R. 22 E. continued

chains

60.00

Intersect W. line of Camp
Goodwin Military Reservation

96 lks. S. of 5 M. cor. of S.C. 1. R. and
78.74 lks. N. of 6th cor. of S.C. 1. R.
and 3.80 chs. N. of interior.

Closing corner of secs 2 and 11.
said corners are properly marked
and witnessed as described by
the surveyor general.

Set a Granite stone 18x8x6 ins.
12 ins. in the ground for closing
Cor. bet. secs. 2 and 11, marked
C.G.M.R. on E. face, 11. on S. face
C.C. on W. face and 2. on N. face
and raised a mound of stones
2 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high W. of Cor.
Land level and broken

Soil sandy, 1st & 2nd rate
Timber, a few scattering mesquites
Undergrowth, grasswood & ocotillo

chains

Subdivision of

- North on a random line
bet. secs. 2 and 3.
- 40.00 Set Temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect E & W line on N. bdy.
of Tr. at cor. to secs. 2 & 3.
Thence S run
South, on a true line
bet. secs 2 and 3
through dense Tisola and
undergrowth.
- 15.50 Wash 20' lks. wide, course N easterly
20.50 Leave dense Tisola
22.70 Road from Goodingflat to old
Camp Goodwin, bears NE & SW.
40.00 Set a Granite stone 18x8x7 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
Cor. marked $\frac{1}{4}$ S 0 on W. face,
2. on E. face, from which
a mesquili 8 ins. diam. bears

T. 5 S. R 22 E. continued
chains

S $28\frac{1}{2}$ ° E. 76 eks. dist. marked

1/4 S. 2. B.T.

a mesquite 8 ins. diam. bears

N $44\frac{3}{4}$ ° W 98 $\frac{1}{2}$ eks dist. marked

1/4 S. 3 B.T.

80.00 the cor. to secs 2. 3. 10 and 11

Land level

Soil sandy & gravelly, 1st & 2nd rate

Timber, mesquite & mesquite

Land covered with dense undergrowth
20.50 chs.

April 7. 1900, at 3. p.m. l.m.t.

I set off $32^{\circ} 06'$ on the lat. arc;

$6^{\circ} 56'$ on the decl. arc; and determine
a true meridian at the cor.
to secs. 33 and 34 on the S. bdry.
of the Twp.

Thence I run

Subdivision of
chains

- $N 0^{\circ} 02' W.$ bet. secs. 33 and 34,
 along edge of mesa.
- 30.00 Enter Telegraph flat, bears Northw.
- 36.00 Road to cedar springs bears N.N.E & S.S.W.
- 37.00 Wash 30 lks. wide, course N.Easterly
- 37.80 Set a Granite stone 18x8x6 ins.
 12 ins. in the ground for witness
 cor. to $\frac{1}{4}$ sec. cor. marked W.C.
 $\frac{1}{4}$ S. 33, on W. face, 34 on E. face
 from which
 a mesquite 8 ins. diam. bears
 $N 10^{\circ} 2' W.$ 167 lks. dist. marked
 W.C. $\frac{1}{4}$ S. 33, B.T.
- A mesquite 14 ins. diam. bears
 $N 84^{\circ} 2' E.$ 29 $\frac{1}{2}$ lks. dist. marked
 W.C. $\frac{1}{4}$ S. 34, B.T.
- 39.50 Enter wash, course N.Easterly
- 40.00 The point for $\frac{1}{4}$ sec. cor falls
 in wash

T. 5. S. R. 22 E. continued.

chains

- 40.70 Leave wash, bears N.Easterly
46.80 Enter wash course N.Easterly
~~45.80~~ ^{45.80} Leave wash course N.Easterly
80.00 Set a granite stone 28 x 8 x 7 ins
20 ins. in the ground for cor. of
secs. 27, 28, 33 and 34. marked
with 1 notch on S. and 3 notches
on E. edges, from which
a scrub mesquite 7 ins. diam. bears
N 47° E, 140 lks dist. marked

T 5 S. R 22 E. S. 27. B.T.

a scrub mesquite 6 ins. diam.
bears. S 34½° E, 90 lks. dist. marked

T 5 S. R 22 E. S. 34. B.T.

a scrub mesquit 6 ins. diam.
bears. S 45¼° W. 161 lks. dist. marked

T 5 S. R 22 E. S. 33. B.T.

a scrub mesquit 8 ins. diam. bears
N 70¾° W. 170 lks. dist. marked

Subdivision of
chains

T 5 S. R 22 E. S 28, 13 T.

Land level and broken

Soil gravelly 2nd rate

Timber scattering mesquite

Undergrowth, greasewood and
mesquite

East on a random line

bet. secs. 27 and 34.

40.00 Det Temp $\frac{1}{4}$ sec cor.

79.80 Intersect N & S line 23 lks. S of
cor. to secs 26, 27, 34 and 35

Thence I run

S. $89^{\circ}50'$ W. on a true line

bet. secs. 27 and 34

over mesa land

3.75 Wash 10 lks. wide, course N.E.

16.25 Wash 20 lks. wide, course N.E.

22.75 Wash 15 lks. wide, course N.E.

T. 5 S. R. 22 E. continued.

chains

- 30.50 Enter rolling and broken land
- 39.90 Set a Granite stone $18 \times 10 \times 10$ ins
12 ins in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4} 5.27$ on N face
34 on S. face, from which
a scrub mesquili 6 ins. diam
bears $N 48\frac{1}{4}^{\circ} W$ 198 eks. dist.
marked $\frac{1}{4} S. 27. 13.T.$
A scrub mesquili 5 ins. diam.
bears $S. 33^{\circ} W.$ 81 eks. dist. marked
 $\frac{1}{4} S. 34. 13.T.$
- 41.75 Draw 100 eks. wide course N easterly
- 69.60 Enter Telegraph flat. bears Northerly
- 69.75 Wash 10 eks. wide, course Northerly.
- 71.50 Road bears Northerly and Southerly
"from Geronimo to cedar-springs."
- 74.25 Wash 2 eks. wide, course northerly.
- 79.80 The cor. to secs. 27, 28, 33 and 34
Land level and rolling

Subdivision of
chains

Soil, gravelly 2nd & 3rd rate
Timber, some mesquill
Undergrowth, scrub mesquill
april 7, 1900.

april 9, 1900.

- N 0° 0' W. bet. secs. 27 and 28
- 18.00 Leave Telegraph flat; ascend
- 22.00 Top of spur bears E and W
- 23.30 Enter Black Rock Valley bears
Easterly; Road from Apenaguma
to Cedar Springs bears S. Easterly
& N. Westerly
- 24.50 Road from Apenaguma to
Mt Thomas bears Easterly and
Westerly.
- 36.40 Enter Black Rock creek course
Easterly
- 38.80 Leave Black Rock creek course
Easterly and enter broken land

T. 5 S. R 22 E. continued

chains

40.00

Set granite stone, $24 \times 10 \times 3$ ins.
 18 ins in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4} S. 28$ on W. face
 27 on E. face from which
 a mesquili 12 ins. diam. bears
 $N 57^{\circ} E.$ 135 lks. dist. marked
 $\frac{1}{4} S. 27.$ B.T.

a Tesola 12 ins. diam. bears
 $S. 73\frac{3}{4}^{\circ} W.$ 119 lks. dist. marked
 $\frac{1}{4} S. 28.$ B.T.

42.50 ascend abruptly

48.80 Top of high ridge bears E and W;
descend61.00 Foot of ridge; wash 30 lks. wide,
course Easterly

65.00 Top of ridge, bears NW and S.E.

69.00 Wash 10 lks. wide, course S Easterly

74.00 Wash 10 lks. wide, course S Easterly

78.00 Top of ridge bears NW and S.E.

chains

80.00

Sub-division of

Set a Conglomerate rock 18x8x6 ins.
12 ins. in the ground for cor. of
secs. 21, 22, 27 and 28, marked
with 2 notches on S. and 3 notches
on N. edges. from which a
Mesquili 7 ins. diam. bears
S. $46\frac{1}{4}^{\circ}$ E 340 lbs dist. marked
T. 5. S. R. 22. E. S. 27. B.T. no other
trees within limits and raise
a mound of stones $2\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft high W. of cor. Plot impracticable
Land, level, broken and mountainous
Soil, gravelly, 2nd rate
Timber, scrub mesquili & Zizolia
and some Sycamore.
Undergrowth, Zizolia & mesquili
Mountainous land 18.50 ch.

T 5 S. R 22 E continued.

chains

- $N 89^{\circ} 50' E$ on a random line
bet. secs. 22. and 27
- 40.00 Set temp $\frac{1}{4}$ sec cor.
Intersect $N 85$ line 23 lbs. N
of cor. to secs. 22. 23. 26 and 27
Thence I run
West, on a true line
bet. Secs. 22 and 27.
over level land
- 21.10 Trail from Ft Thomas to Aravaipa
bears NE and S. Westerly
- 39.85 Set a conglomerate rock 18x8x7 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 22 on N face
27 on S. face, dig pit 18x18x12 ins.
E and W. of cor. 3 ft. dist. and
raised a mound of earth 3 $\frac{1}{2}$ ft.
base 1 $\frac{1}{2}$ ft. high N of cor.
- 40.00 old military road to Camp Goodwin

chains

Sub-division of

- bears N and S easterly
- 44.10 Enter draw, course S Easterly
- 46.10 Wash 20 lks. wide, course S Easterly
- 50.10 Wash 10 lks. wide, course S. Easterly
- 50.60 Leave draw, bears S. Easterly
- 67.10 Wash 4 lks. wide, course S. Easterly
- 73.10 Ridge bears E and W
- 75.35 Wash 20 lks. wide, course S Easterly
- 79.70 The cor. to secs. 21, 22, 27 and 28
Land Level.
Soil, gravelly, 2nd rate
Timber, scrub mesquitt
Undergrowth, grease wood & mesquitt

N. 0° 0' W. bet. secs 21 and 22

- 4.00 Enter Canyon bears S. Easterly
- 7.20 Leave canyon bears S. Easterly
- 19.00 Wash 10 lks. wide, Course S Easterly
- 26.30 Wash 10 lks. wide, course S. Easterly

T 5 S. R 22 E. continued

Chains

- 32.20 Enter wash, course S. Easterly
36.00 Leave wash, course S. Easterly
40.00 Set a sandstone 18x12x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 21. on W. face
22. on E. face, and raised a
mound of stones 2 $\frac{1}{2}$ ft. base
 $\frac{1}{2}$ ft. high, W. of cor. Pits
impracticable
41.50 Wash 6 lks. wide, course Easterly
66.00 Wash 20 lks. wide, course S. Easterly
79.70 Wash 5 lks. wide, course Easterly
80.00 Set a sandstone 18x3x7 ins.
12 ins. in the ground for cor. of
secs. 16, 16, 21 and 22, marked
with 3 matches on S and E. edges,
and raised a mound of stones
2 $\frac{1}{2}$ ft. base, $\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable

chains

Subdivision of

Land rolling

Soil gravelly 2nd & 3rd rate

No Timber,

Undergrowth, scrub mesquite

East on a random line

bet. secs 15 and 22.

40.00 set temp. $\frac{4}{4}$ sec, cor,79.82 intersect N & S. line, 23 ebs. S of
cor. to secs. 14, 15, 22 and 23

Thence I run

S. 89° 50' W. on a true line

bet. secs. 15 and 22

over mesa

1.50 old military road to camp
Goodwin, bears NE and SW.30.20 Junction of washes, 20 ebs. wide,
draining from NW and SW.
thence N. Easterly

T. 5 S. R. 22 E. continued

chains

39.91

Set a granite stone $18 \times 10 \times 10$ ins.
12 ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. 15. on N. face, 22. on
on S. face. dug pits $18 \times 18 \times 12$ ins.
E + W. 3 ft. dist. and raised a
mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft.
high N of cor.

68.00 Canyon 40 eks. wide, course S. Easterly

76.30 same canyon 40eks wide, course N. Easterly

79.82 The cor of secs. 15, 16, 21 and 22.
Land level and rolling

Soil sandy gravelly 2^{nd} & 3^{rd} rate
Timber, some scattering mesquilt
undergrowth, Palo Verde, mesquilt
& grease wood.

N $0^{\circ}02'$ W. bet. secs. 15 and 169.10 Wash 10 eks. wide, course Easterly;
ascend

chains	Subdivision of
10.80	Top of ridge, bears E and W.
14.50	Wash 100 lks. wide, course Easterly
21.40	Wash 8 lks. wide, course Easterly
24.00	Top of ridge, bears E and W.
31.50	Canyon 40 lks wide, course S. Easterly
35.25	Top of ridge, bears E and W.
38.25	Wash 10 lks. wide, course Easterly.
40.00	Set a Sand stone 18x10x10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$.S.16. on W. face 15 on E. face, from which a mesquite 14 ins. diam. bears $S\ 63^{\circ}E.$ 172 lks. dist. marked $\frac{1}{4}$.S.15. B.T. no other tree within limits, and raised a mound of stones $2\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high W. of cor.
41.25	Top of ridge bears E and W
44.60	Wash 20 lks. wide, course Easterly

T 5 S. R. 22 E. continued

chains

- 48.90 Ridge bears E and W; descend over broken & mountainous land.
- 80.00 Set a Sand Stone 18x8x6 ins 12 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked with 4 notches on S. and 3 notches on E. edges. dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 4 ft. base 2 ft. high W. of cor. Land rolling, broken & mountainous Soil gravelly. 2nd & 3rd rate Timber, a few mesquite undergrowth, mesquino, scrub mesquite and acotillo.
- Mountainous land 70.90 chs.

N 89° 50' E, on a random line bet. secs. 10 and 15.

Sub-division of T 5 S. R 22 E. continued.
chains

- 40.00 set temp $\frac{1}{4}$ sec. cor.
 79.80 Intersect N and S. line 10 eks
 N. of cor. to secs. 10, 11, 14 and 15
 Thence I run
 S. $89^{\circ} 54'$ W. on a true line
 bet. secs. 10. and 15.
 over broken land
- 32.80 Wash 10 eks. wide, course N.
 39.50 Wash 10. eks. wide, course Northerly.
 39.90 Set a Granite stone 18 x 12 x 6 ins.
 12 ins. in the ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ S. 10. on N face
 15 on S. face, from which
 a mesquite 8 ins. diam. bears
 $N 82^{\circ} E.$ 182 eks. dist. marked
 $\frac{1}{4}$ S. 10. B.T.
 a mesquite 8 ins. diam. bears
 $S. 14^{\circ} W.$ 96 eks. dist. marked
 $\frac{1}{4}$ S. 15. B.T.

Continued, Book 639.
Concluded, Book 640