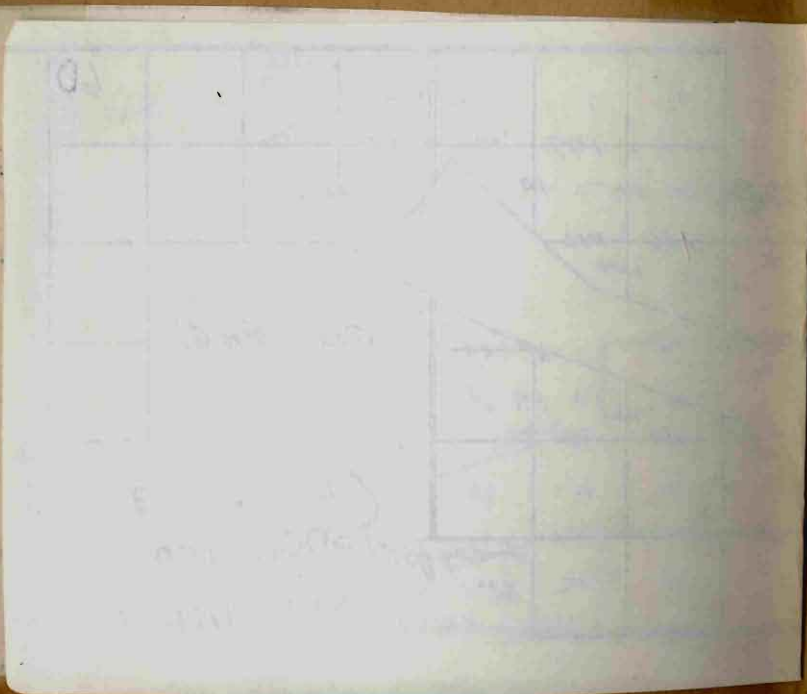


Indexed, Book 1769

(copied by G. V. May 28/03.)

Comp. June 30/03 by G. V. & L. A.



of the San Jose de Sonora land grant.

Chimé.

46.50 Draw draw and begin steep ascent.

49.15 Top, 50 ft above draw; thence ascend along N.E. slope of ridge

5000 Set a sandstone $24 \times 16 \times 16$ ins, 18 ins in the ground, for witness ev to $\frac{1}{4}$ sec ev, marked B C, $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft base, $\frac{1}{2}$ ft high N. of ev. It is impracticable.

6000 Nogales road, bars, 30 lbs N.

7955 Old sec ev, which is a decayed post.

I reestablish ev at some point as follows.

Set a sandstone $18 \times 10 \times 8$ ins, 12 ins in the ground, for ev of secs 27, 28, 33 and 34 marked with 3 notches on E and 1 notch on S. edges, from which

An oak, 14 ins diam, bars N. $20^{\circ} 34' E$, 16 lbs dist, marked P 22 S B 15 E S 27 B B.

An oak, 6 ins diam, bars $59^{\circ} 34' E$, 77 lbs dist, marked P 22 S B 15 E S 34. B B.

Closings of Sec and P^l lines on the Ches
Cham's

In oak, 8 ins diam, bears S 73° W, 161 lbs
dist, marked Sec S R 15 & S 33 B 8.

In oak, 12 ins diam bears N 89° W 154
lbs dist, marked Sec S R 15 & S 28 B 8.

Land, mountainous and bad.

Soil, sandy, gravelly and stony; 2nd, 3rd
and 4th rate.

Timber, scattering oak, undergrowth,
mossy oak, tesola and hickory.

Mountainous or land covered with dense
undergrowth, 79.55 ches.

Prover of secs 27, 28, 33 and 34 ¹/₂ and sec
own bear N 89° 50' W

Therefore I run

N 89° 50' W to secs 28 and 33.

Over mountainous land descending
through oak timber.

5.75 Dry wash, 40 lbs wide, course Northwaly.

of the San Jose de Sonora land grant

Chain

- 6.25 Road from Patagonia to Nogales, bears
Northwly and Southwly.
- 9.43 Pine fence, bears N. Easterly and S.
Westerly; ascend.
- 22.00 Top of divide, 80 ft above wash, bears N.
Easterly and S. Westerly, bear oak timber
and obsurd.
- 31.90 Dry wash, 90 ft below top of divide, 10
lbs wide, course N. Westerly; ascend.
- 37.00 Top of ridge, 60 ft above wash, bears
N. Westerly and S. Easterly; descend.
- 39.52 Old $\frac{1}{4}$ ore cov, which is a decayed post.
I reestablish cov at same point as follows.
Set a sandstone 18 x 10 x 8 ins, 12 ins
in the ground, for $\frac{1}{4}$ ore cov marked $\frac{1}{4}$
on N. face, and raise a mound of stone
2 ft base, $1\frac{1}{2}$ ft high, N. of cov. Site
impracticable.
- 45.54 Enter draw, 80 ft below top of ridge, course

Bearings of Ice and Ice lines on the Great
Chain

N. Westerly.

- 46.54 Dry creek, 1 ch wide, course N. Westerly.
- 48.24 Bear drain and ascent.
- 52.24 Top, 50 ft above drain, descend.
- 57.29 Descend steeply.
- 57.84 Gulch, 10 lbs wide, course Northerly; begin
ascent through sub timber.
- 71.19 Top of round knoll, 100 ft above gulch;
descend.
- 72.82 Foot, bears Northerly and Southerly; ascend
along N. slope of ridge.
- 79.04 Old ice ex point, determined from old
bearing trees. I reestablished it at same
point as follows:
Set a granite stone 20 x 8 x 4 ins, 14 ins
in the ground, for ex of sec 28, 29, 32
and 33, marked with 4 notches on E
and 1 notch on S. edges, from which
an oak, 14 ins diam, bears N. 21° E, 100

of the line of the conveyed land grant

chains

1st dist, marked S 22 S R 15 E S 28 B S.

An oak, 16 ins diam, bears S $84\frac{1}{2}^{\circ}$ E, 43 lbs

dist, marked S 22 S R 15 E S 33 B S.

An oak, 16 ins diam, bears S $54\frac{1}{2}^{\circ}$ W, 59 lbs

dist, marked S 22 S R 15 E S 32 B S.

An oak, 24 ins diam, bears N $7\frac{1}{2}^{\circ}$ W, 81 lbs

dist, marked S 22 S R 15 E S 29 B S.

Land mountainous.

Soil generally and stony; 2nd, 3rd and 4th water.

Timber, oak.

Mountainous land, 79.04 chs.

From cor of sec 28, 29, 32 and 33, $\frac{1}{4}$
and Sec cor bar N. $0^{\circ} 10'$ W

Therefore, from

N. $0^{\circ} 10'$ W bet sec 28 and 29.

Over mountainous land, descending

6.45 Dry wash, 60 ft below sec cor, 10 lbs wide,

Crossings of Sec and Dip lines on the Cedar
Chemin

- course N. Easterly
- 11.25 Dry wash, 10 lbs wide, course N. Easterly,
ascend.
- 19.85 Top of spur, 60 ft above wash, extend-
ing Easterly; descend over sandstone
boulders.
- 31.58 Foot, 80 ft below top of spur. wire fence
bars Northwly and Southwly; have
boulders.
- 38.35 Begin ascent, bars Easterly and
Westerly.
- 39.35 Find traces of old $\frac{1}{4}$ sec cor. I estab-
lish cor at same point as follows:
Set a granite stone, 18x8x6 ins, 12 ins in
the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on
W. face, from which
An oak 10 ins diam, bars S 63 $\frac{1}{2}$ ° E, 133
the dist marked $\frac{1}{4}$ S 28 B S.
An oak, 18 ins diam, bars S 85° E, 243

of the San Juan de Sonora land grant
Chain

the dist, marked i s. 28 B 3.

45.35 Top of ridge, bears Easterly and Westerly
descend.

50.35 Gully, 50 ft below top of ridge, course
N. Easterly; ascend.

56.85 Top of spur, 60 ft above gully; ex-
tending N. Easterly; descend.

64.85 Ravine, 100 ft below top of spur, course
N. W. Westerly; ascend.

67.21 Wire fence, bears N. W. Westerly and S. S.
Easterly.

72.35 Top of spur, 60 ft above ravine,
extending S. Westerly.

72.92 Entrance S. by of the San Juan de
Sonora land grant at a point from
which the 6 mile cor of the grant, bears
S. 70° W, 1.14 chs dist

Set a sandstone 18x8x6 ins, 12 ins in
the ground, for closing cor of parcel and

Crossings of Sec and 1/2 lines on the level.
Chains

28 and 29, marked S. of S. S. 131 N
and 6 on S. face, with 4 fairs on
E. face, and raised a mound of stone 2
ft base, 1 1/2 ft high, S of cor. Pits im-
practicable.

Thrued across the grant on a blank line

73.85 Begin steep descent.

76.58 Run from bars N. Easterly and S.
Westerly

78.95 Spot 180 ft below top of spur, left
bank Scruta oak, bars Easterly and
Westerly.

79.52 Cor point of secs 20, 21, 26 and 29.

Land, mountainous and level.

Soil gravelly, stony and rocky; 3rd
and 4th rate.

Timber, oak.

Mountainous land, 79.52 ch

of the San Jose de Sonita land grant.

Chain

From cor of secs 28, 29, 32 and 33, $\frac{1}{4}$
sec cor bears S. $89^{\circ}40'$ W

Thence for S run

S. $89^{\circ}40'$ W bet secs 29 and 32.

Over mountainous land, along W slope of
ridge.

2.73

Descend.

5.70

Gully, 40 ft below top of slope, course
N. Easterly, ascend.

8.80

River fence, bears Northwaly and Southwaly.

13.00

Top of spur, 80 ft above gully, extending
Northwaly, descend.

16.70

Gully, 30 ft below top of spur, course
Northwaly, ascend.

22.00

Top of N. slope of round hill, descend

34.00

Dry creek, 130 ft below top of slope, 20
ft wide, course N. S. Easterly

39.40

Small creek, course N. N. Westwaly

39.76

Find trace of old $\frac{1}{4}$ sec cor. I does

Measurements of Sec and Sp lines on the Cedar
bluffs

Establish cor at same point as follows.

Set a sandstone 15x12x10 ins, 12 ins in
the ground, face $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ in
N. face, from which

An oak, 18 ins diam, bears N. 45° E, 86 lbs
dist, marked $\frac{1}{4}$ S 29 B.P.

An oak, 5 ins diam, bears S 82° W, 24 lbs
dist, marked $\frac{1}{4}$ S 32 B.P.

From this point sec cor bears
N. $89^{\circ} 5'$ W.

Therefore I run
N $89^{\circ} 5'$ W.

Over level land.

- 1.74 Begin ascent.
4.04 Top of spur, extending Northwly; descend
6.24 Gulch, 40 ft below top of spur, course
Northwly; begin steep ascent
16.24 Top of S slope of ridge, 200 ft above gulch,
descend.

of the San Jose de Sarmita land grant.

Chasin

- 20.79 Basin, 50 ft below top of slope, 30 lbs
wide, course N. Easterly; ascend.
- 21.99 Top of spur extending N. Westerly; descend
- 25.74 Gully, course Northwaly; ascend.
- 32.99 Top of ridge, 100 ft above gully; bears
N. Westerly and S. Easterly, high and
ridge, bears about 15 lbs N; descend.
- 37.74 Part, 40 ft below top of ridge, bears
N. Easterly and S. Westerly; ascend.
- 39.24 Old sre cor, which is a decayed post
lying on the ground with marks obliterated.

Establish it at same point as follows:

Set a sandstone 18x10x8 ins, 12 ins in the
ground, for cor of sre 29, 30, 31 and 32
marked with 5 notches on E end, notch
on S edge, and raise a mound of stone 2
ft base, 1/2 ft high, W of cor. Site im-
practicable.

Land, mountainous and level.

Changes of Ice and Ice Lines on the Bar
Chains

Soil, gravelly and stony; 2nd, 3rd
and 4th rates.

Timber, oak and mesquite; undergrowth
oak and mesquite

Mountainous land, 71.50 lbs.

February 1, 1903

February 2: At 7^h 30^m a.m. I and I set
off 31° 29' N on the lat arc, 16° 51' S
on the decl arc and determine a
true meridian with the solar at the end
of arcs 29, 30, 31 and 32.

From this point $\frac{1}{4}$ and see was bar
North

Thompson I run

North, bet arcs 29 and 30.

Over mountainous land; ascending.

3.00 Top of ridge, bars N. Westerly and S
Easterly; begin steep descent, N. E. slope.

of the San José de Sonora land grant.

Chains

24.60

Beaving, 500 ft below top of ridge, 30
lts wide course N. W. sterly; ascend.

30.00

Top of N. W. slope of ridge, 150 ft above
ravine; descend.

37.00

Top of spur, extending N. W. sterly;
descend.

39.51

Old $\frac{1}{4}$ sec cor. which is a decayed post.
Reestablish cor at same point as follows.

Set a porphyry stone 18x10x10 ins, 12
ins in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on W face, and raise a mound of stone
2 ft base, 1 $\frac{1}{2}$ ft high, N of cor. Site im-
practicable.

40.81

Enter sec 8. by of the San José de
Sonora land grant at a point from
which the 7 mile cor of the grant bears
N 70° E 3.20 chs dist.

Set a porphyry stone 18x10x8 ins, 12 ins
in the ground, for closing cor of fractional

Closings of Sec and Pp lines on the Secs
chains

29 and 30, marked S of 10 S on W
and C C on S faces, with 5 grooves on C
face, and raise a mound of stones 2 ft base,
1½ ft high, S of ev. Pits impracticable.
Land mountainous.

Soil, gravelly and stony; 4th rate.
Timber, scattering oak.

Mountainous land, 43.81 chs.

Stops

From ev of secs 29, 30, 31 and 32, $\frac{1}{4}$
and sec evs bear West
Plaza for 1/2 mi
West, bet secs 30 and 31.

Over mountainous land, ascending.

2.35 Top of spur extending S. Westerly;
begin steep descent.

6.80 Rowins 80 ft below top of spur, 35 chs
wide, course Northwesterly; ascend.

9.27 ascend vertical 35 ft.

of the San Jose de Sonora land grant.

Chemin

7.00 Top of spur, 60 ft above ravine, extending Northwly; descend.

9.50 River bank, bears N. Westerly and S. Easterly.

10.50 Gully, course Northwly; ascend.

19.00 Top of N slope of ridge; descend.

32.00 Ravine, 200 ft below top of slope, 30 lbs wide, course N. Westerly; ascend.

39.80 Find faint indications of old $\frac{1}{4}$ sec cor. Establish cor at some point as follows: Set a sandstone 18x10x8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N face, and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft high, N. of cor. This impracticable.

59.50 Top of spur, extending N. Westerly; descend.

77.00 Dry creek, 25 lbs wide, course Northwly; begin steep ascent.

79.10 Old sec cor, which is a decayed post on

Changes of Ice and Ice bars on the lower
Chams

ground. I reestablish^{ed} at some
point as follows:

Set a sandstone 18 x 10 x 8 ins, 12 ins in
the ground, for cor of sics 25, 30, 31 and
36, marked with 5 notches on N. end, 1
notch on S. edge, and raise a mound
of stone 2 ft base, 1 $\frac{1}{2}$ ft high. W of
cor. Pits impracticable. This cor stands
on E. slope of high mountain, 60 ft
above dry creek.

Land, mountainous.

Soil, gravelly, stony and rocky; 3rd
& 4th rate.

Timber, scattering oak.

Mountainous land, 79.10 elev.

From cor of sics 25, 30, 31 and 36, $\frac{1}{4}$
sic cor bears North.

Therefore I am

of the San Jose del Socorro land grant.

Chain

North, bet secs 25 and 30.

Over mountainous land; descending.

7.10 Dry creek, 25 lbs wide, course N. N.

Westerly; as end.

15.02 Between 2d S bdy of the San Jose del Socorro land grant at a point from which the S mile cor of the grant bears N. 70° E, 7.37 chs dist

Set a granite stone 21 x 8 x 8 ins, 15 ins in the ground, for closing cor of fracl secs 25 and 30, marked S of P S on N.

and 66 on S faces, with 6 grooves on E and W faces, and raised a mound of stone 2 ft base, 1½ ft high, S of cor.

Pits impracticable.

Land, mountainous.

Soil, gravelly and stony; 3rd and 4th rate

Timber, scattering oak.

Closings of Sec and $\frac{1}{4}$ Sec lines on the below
Chains

Mountainous land, 15.02 chs.

From cor of secs 25, 30, 31 and 36 $\frac{1}{4}$ sec
cor bears West
Sharp or Point
West bet secs 25 and 36.

On mountainous land, ascending.

36.70 Top of s. slope of mountain, 400 ft
above sec cor, around

39.81 Old $\frac{1}{4}$ sec cor, which is a decayed post
lying on the ground. To reestablish cor
at same point as follows:

Set a sandstone 18 x 12 x 8 ins, 12 ins in
the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on
N. face, and raise a mound of stone
2 ft base, 1 1/2 ft high N. of cor. Pits
impracticable.

41.31 Porterset S bay of the Saw pose or
Lorvita land grant at a point from

of the San José de Sonora land grant.

Chain

which the $8\frac{1}{2}$ mile cor of the grant
bears $N. 70^{\circ} E$, 11.40 chs dist.

Set a sandstone $20 \times 12 \times 8$ ins, 14 ins in
the ground, for closing cor of parcel s^{es}
25 and 36, marked C C on E and
S & S on W face, with 1 g^{ro} on S
face, and raise a mound of stone 2 ft base,
 $1\frac{1}{2}$ ft high, E of cor. Pits impracticable.

Land, mountainous.

Soil, stony; 4th rate.

No timber.

Mountainous land, 41.31 chs.

From cor of s^{es} 25, 30, 31 and 36, S^{es} 22
S, B^s 14 and 15 E, $\frac{1}{4}$ s^{es} cor bears $S 0^{\circ} 1' E$,

Thence on E and

$S 0^{\circ} 1' E$, bet s^{es} 31 and 36.

Along S.E. slope of mountain.

5.00 Dr^{es} and.

Closings of Ice and Ice bars on the beds
chains

- 15.00 Foot bars N. Easterly and S. Westerly; enter
dense snow, bars Easterly and Westerly.
- 20.50 Descend.
- 21.00 Foot bars N. Easterly and S. Westerly; beyond
ascent of N. W. slope of high ridge.
- 25.00 Top spur, extending N. Westerly; descend
- 26.75 Dry wash, 10 lbs wide, course N. Westerly;
ascend
- 27.50 Top of spur extending N. Westerly; descend
- 29.45 Gully, course N. Westerly; ascend.
- 30.40 Top of spur, extending Westerly; descend
- 32.00 Gully, course N. Westerly; ascend
- 33.70 Top of spur, extending Westerly; descend
- 37.30 Gully, course Westerly; ascend.
- 38.75 Top of spur, extending N. Westerly;
descend
- 39.80 Gully, course N. Westerly; ascend
- 41.00 Find traces of old cor. Bar establish
cor at same point as follows.

of the San José de Sonvita land grant.

Chamie

Set a sandstone 18x10x6 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ W face, and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft high, W of cor. Site impracticable.

From this point, sec cor bears South 3/4 S by E 1/4 S
South to sec cor.

Ascending through dense woods

3.80 Top of spur, extending N. Westerly; ascend

4.80 Gully, course N. Westerly; ascend

9.50 Top of spur, extending N. Westerly; ascend

10.00 Large dense woods, bears N. Easterly and S. Westerly

13.00 Gully, course N. Westerly; ascend

15.75 Ascend vertical 40 ft

19.00 Top of high ridge, 900 ft above ft of

Changes of Ice and the kind on the Polar
Chains

- Journal ascent, bears N. Easterly and S.
Westerly; thence along N. E. slope.
- 26.00 Begin descent
- 34.85 Foot 150 ft below top of ridge, bears
N. Westerly and S. Easterly.
- 35.50 Dry wash, 20 lbs wide, course N. Westerly
and ascent.
- 39.60 Old Ice cor which is a decayed frost and
scattered mound of stone, I establish
cor at same point as follows.
- Set of 6 cornered stone 24x14x10 ins, 18 ins
in the ground, for cor of Spas 22 and
23 S, As 14 and 15 E, marked with 6
notches on each edge and raise a
mound of stone 2 ft base, 1 1/2 ft high
S of cor. Site impracticable.
- Land, mountainous and level.
- Soil, gravelly and stony; 4th rate
No timber; undergrowth, much and

of the San Joaquin de Sonora land grant.
Chains

meters.

Mountainous island covered with dense
undergrowth 79.60 chs.

February 2, 1903.

February 3: At 7^h 45^m a.m. l.m.t. I
set off 31° 27' N on the lat arc,
16° 4.1' S on the decl arc, and de-
termine a true meridian with the
solar at the eve of Sep 22 and 23 &
Rs 14 and 15 & established by me
February 2, 1903.

From the above Sp' eve, $\frac{1}{4}$ and see
eve bear N. 89° 50' W
Therefore I run
N. 89° 50' W bet sees 1 and 36.

Over mountainous land, ascending.
7.00 Top of S.E. slope of ridge, 80 ft above
eve.

Closings of Ice and Melting on the Great
Chains

- 8.00 Begin descent.
- 15.25 Run 75 ft below top of slope, 30 lbs
wide, course S. Easterly; ascend
- 21.00 Top of ridge, 100 ft above runnel bars
N. Easterly and S. Westerly; descend.
- 26.30 Deep ravine, 240 ft below top of ridge,
30 lbs wide, course N. Westerly; ascend.
- 27.80 Top, turned along N. slope of ridge
and sharp spur, extending Northward,
through dense snow and holes underfoot
- 39.80 Old $\frac{1}{4}$ sec ev, which is a scattered
mound of stone. Perestablich ev
at same point as follows.
Set a sandstone 18x10x10 ins, 12 ins in
the ground for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$
in N. face, and raise a mound of
stone 2 ft base, $\frac{1}{2}$ ft high, N. of ev.
Site impracticable.
- 79.40 Old sec ev, which is a decayed post

of the Sun Jose de Sonita land grant.
chains

lying on ground, with marks partly
gone. I reestablish cor at same point
as follows:

Set a sandstone 18 x 10 x 8 ins, 12 ins in
the ground, for cor of secs 1, 2, 35 and 36,
marked with 1 notch on E and 5 notches
on W sides, from which a juno, 5 mi
chain, bears N 48° E, 170 lbs dist marked
S 22 S 16 14 E S 36 B S, no other trees
within limit, and raise a mound of
stone 2 ft base, 1 1/2 ft high, W of cor.
Rife impracticable.

Land, mountainous!

Soil, gravelly and stony; 4th rate.

Timber, scattering mesquite, oak, cedar
and juno; undergrowth much, *trifida*,
mesquite, *lucida* and grass.

Mountainous or land covered with dense
undergrowth 79.40 chs.

Changes of Sec and Sp lines on the bed
Chains

From eve of sres 1, 2, 35 and 36 Sp 22
and 23 S, 16 14 6, $\frac{1}{4}$ and Sec was bar
North

Phosphor Burn

North bet sres 35 and 36.

Over mountains; descending through
dense woods.

- 2.60 Dry wash, 20 lbs wide, course N. Westerly;
ascend
- 4.75 Top of Knoll, 50 ft above wash; descend.
- 6.80 Dry wash, 60 ft below Knoll, 20 lbs
wide, course N. Westerly; ascend
- 11.00 Top of spur, 50 ft above wash, extending
N. Westerly; descend.
- 12.50 Gully, 50 ft below top of spur, course
N. Westerly; ascend
- 14.00 Top of spur, 40 ft above gully; ex-
tending N. Westerly; descend.
- 16.00 Foot, 50 ft below top of spur, ascent

of the San José de Simitá land grant.

Chamis

Arroyo margin and brook.

- 18.00 Grand arroyo margin with and around
bars N. Westerly and S. Easterly.
- 20.00 Top of spur extending N. Westerly
descend
- 28.15 Descend abruptly 25 ft.
- 28.95 Dry wash, 15 lbs wide, course N. Westerly
- 33.00 Around
- 36.20 Top of ridge, 70 ft above wash, bars
Easterly and Westerly; descend
- 39.66 Old $\frac{1}{4}$ sec cor, which is a dredged post.
To establish or at same point as
follows:
Set a sandstone $18 \times 10 \times 4$ ins, 12 ins in
the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$
on W face, and raise a mound of
stone 2 ft base, $1\frac{1}{2}$ ft high, W of cor.
Pits impracticable
- 47.35 Dry wash, 20 lbs wide, course N.

Chains of Ireland & the lines on the beds
Chains

- Westerly, and ascend
- 51.00 Top of ridge, 50 ft above wash, bears
Easterly and Westerly; descend
- 53.00 Dry wash, 40 ft below top of spur, 10
lbs wide, course N. Westerly; ascend
- 57.60 Top of ridge, 80 ft above wash, bears
Easterly and Westerly; descend
- 61.20 Dry wash, 25 lbs wide, course Westerly;
ascend
- 63.00 Top of spur, extending Westerly;
descend
- 64.70 Foot, bears Easterly and Westerly
ascend
- 65.48 Intersect S. by of the Sun pose de
Sovita land grant at a point from
which the 9 mile cor of the grant bears
N 70° E, 11.87 lbs dist.
- Set a sandstone 18 x 14 x 6 ins, 12 ins
in the ground, for closing cor of parcel

of the San José de Sonita land grant
 J. Chavis

sres 35 and 36, marked S by S on
 N and C C on S face; with 1 groove on
 E face; and raise a mound of stone 2 ft
 long, 1 1/2 ft high, S. of cor. Pits im-
 penetrable

Plumer on a blank line across grant

68.00 Low dense scrub, bars Easterly and
 Westerly.

71.00 Soft, bars Easterly and Westerly.

73.50 Begin descent through dense mesquite
 and tortilla undergrowth.

78.80 Enter down, course N. Westerly.

79.00 Dry wash, 20 lbs wide, course N.
 Westerly

79.45 Cor point of sres 25, 26, 35 and 36.

Land, mountainous and level.

Soil, sandy loam, gravelly and stony;
 2nd, 3rd and 4th rates

Timber, scattering mesquite and junco.

Closings of Sec and Sp lines on the Lewis
Chain

undergrowth, smole, musquitos and
tricotilla.

Mountainous or land covered with dense
undergrowth 79.45 chs.

From cor of secs 1, 2, 35 and 36 Sp/22
22 and 23 S, B 14 $8\frac{1}{4}$ and sec cor
bear S. $89^{\circ}56'$ W

Shanfer Sp/22

S. $89^{\circ}56'$ W, bet 2 and 35

Over mountainous land; ascending
through dense smole.

- .25 Top of spur, extending Northerly; descend
- 2.00 Dry wash, 15 lbs wide, course Northerly;
used.
- 6.00 Top of spur, 60 ft above wash, extending
N. Easterly; used.
- 11.00 Top of spur, extending N. Easterly;
descend.

of the San Joaquin de Sorvita land grant
Chumis

- 15.20 Dry wash, 80 ft below top of spur, 30
lks wide, course Northwly; ascend to
16.00 Top of spur; extending N. Easterly;
descend.
- 18.50 Dry wash, 50 ft below top of spur, 25
lks wide, course Northwly; begin
steep ascent.
- 21.10 Top of spur 40 ft above wash, ex
tending Northwly.
- 22.00 Descend.
- 25.30 Dry wash, 60 ft below top of spur, 30
lks wide, course N. Westerly;
- 26.50 Dry wash, 20 lks wide, course N. Easterly.
- 26.90 Ascend
- 30.00 Top of spur, 80 ft above wash, extending
N. Westerly; ascend.
- 35.00 Gravel runs across, bears N. Westerly
and S. Easterly.
- 36.20 Dry wash, 100 ft below top of spur,

Changes of Ice and Sp. lines on the Polar
Chain

- 15 lbs wide, course N. Westerly.
- 39.35 Old $\frac{1}{4}$ s.e. ev, which is a post greatly decayed, lying on the ground. Reestablish ev at same point as follows:
Set a granite stone $18 \times 14 \times 6$ ins, 12 ins in the ground, for $\frac{1}{4}$ s.e. ev marked $\frac{1}{4}$ on N face, dig pits $18 \times 18 \times 12$ ins E and W of stone, 3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, N of ev.
- 39.60 As erud.
- 44.50 Top of spur, 60 ft above $\frac{1}{4}$ s.e. ev, extending N. Westerly; as erud.
- 45.90 Entrance draw, 50 ft below top of spur, course N. Westerly.
- 47.00 Dry creek, 40 lbs wide, course N. Westerly.
- 48.00 Lower draw; as erud.
- 49.45 Top of sharp spur, 50 ft above draw, extending Northerly; as erud.

of the San Jose de Simita land grant
Chimio

- 51.40 Dry wash, 50 ft below top of spur, 20
lks wide, course Northwly; ascend.
- 53.50 Top of spur, 50 ft above wash, bear
N and S; descend.
- 63.70 Dry wash, 70 ft below top of spur,
15 lks wide, course Northwly; ascend.
- 66.45 Top of spur, 60 ft above wash, bear
N and S, descend.
- 76.50 Dry wash, 60 ft below top of spur, 10
lks wide, course Northwly; ascend.
- 78.00 Top of spur, 50 ft above wash, bear
Northwly and Southwly; descend.
- 79.35 Old sre cor, which is a decayed post
lying on the ground, with marks partly
obliterated. To reestablish cor at same
point as follows:

Set a quartzite stone 24 x 16 x 6 ins, 18 ins
in the ground for cor of sres 2, 3, 34
and 35, Sps 22 and 23 S, R 14 E, marked

Changes of Sec and Sp lines on the below
 Churns

with 2 notches on E and 4 notches on
 W. edges and raise a mound of stone 2
 ft base, 1 1/2 ft high, N. of cor. Site im-
 practicable.

Land, mountainous and level.

Soil, sandy, gravelly and stony; and
 and 4th rate.

Timber, scattering cedar and mesquite,
 undergrowth, under, mesquite, hickory
 and yucca.

Mountains or land covered with dense
 undergrowth, 79.35 chs.

From cor of sres 2, 3, 34 and 35, Sp 22
 and 23 S, 16 1/4 E, 1/4 sec cor bears N 0° 20' E.

Sharp for Dry

N. 0° 20' E, bet sres 34 and 35

Over mountainous land, descending.

5.40 Dry wash, 50 ft below sec cor, 20 lbs

of the San Juan de Sonvita land grant
chain

- wide, course N. Westerly; ascend
- 5.30 Top; begin descent to Sonvita valley
through mesquite timber.
- 16.40 Begin steep descent.
- 18.00 Enter Sonvita valley, bears N. Westerly and
S. Easterly.
- 20.00 Leave mesquite timber bears Easterly
and Westerly.
- 21.00 Bottomwood 8 ft diam, bears 2 lbs E.
- 23.00 Soft bank Sonvita creek bears Easterly
and Westerly
- 26.55 Right bank Sonvita creek.
- 26.62 River fence, bears N. Easterly and S.
Westerly; enter dense charrizo bush.
- 31.05 Dry irrigating ditch 5 lbs wide, course
S. Westerly; leave dense bush.
- 31.10 River fence, bears N 61° E and S 61° W.
- 31.40 Road, bears N 61° E and S 61° W
- 31.53 River fence bears N 61° E and S. 61° W

Measurements of Sec and Sp lines on the bars
 Chumid

31.98 Middle of single track of the Arizona and
 New Mexico railroad, bars $N 61^{\circ} E$ and
 $S 61^{\circ} W$.

32.54 Wind fence, bars $N. W.$ and $S. E.$, entire
 heavy mat of timber and dense
 forest undergrowth.

32.70 Telegraph line bars $N 61^{\circ} E$ and $S 61^{\circ} W$.

37.00 Grand Sonora valley, bars $N. E$ easterly and
 $S. W$ westerly; thence in Sulbris canyon.

40.00 Old $\frac{1}{4}$ Sec cor, point determined by old
 bearing lines, falls in dry wash in canyon
 Sheriff and I continued

46.40 Set a conglomerate stone $18 \times 12 \times 6$ ins, 12
 ins in the ground, for witness cor to $\frac{1}{4}$ sec
 cor, marked $N. E. \frac{1}{4}$ on N face, from
 which

A trestle 6 ins diam, bars $S 45 \frac{1}{2}^{\circ} E$, 15 lbs
 dist, marked $N. E. \frac{1}{4}$ $S 35^{\circ} B. S.$

A trestle 6 ins diam, bars $S 5 \frac{1}{2}^{\circ} W$, 20 lbs

of the San Jose de Sonora land grant.

Chavis

dist. marked $N 6 \frac{1}{4} S 34 B S$.

From this point see cor point bears

North

3000 feet

North to cor point.

- 8.60 Cross canyon and cross with timber
and begin steep ascent
- 12.10 Top of spur, 60 ft above canyon, ex-
tending Easterly; descend
- 12.90 Gully, 15 lbs wide, course E; ascend
- 14.60 Top of spur, extending Easterly; enter
dense woods and descend
- 20.00 Descend abruptly 40 ft
- 21.85 Summit, 100 ft below top of spur, 20 lbs
wide, course S. Easterly; ascend
- 30.25 Intersect S. boundary of the San Jose de
Sonora land grant at a point from
which the 10 mile cor of the grant
bears $S 88^{\circ} 16' E$, 16.73 lbs dist.

Changes of Sec and N lines on the Cedar
Chains

Set a sandstone 18 x 12 x 4 ins, 18 ins in
the ground, for closing cor of fracl sves
34 and 35, marked S of R S on N and
C C on S faces, with 2 faves on C face
from which

A cedar 18 diam, bears S $13\frac{3}{4}^{\circ}$ E, 87 lbs
dist marked S 22 S R 14 C S 35 B S.

A cedar 16 ins diam, bears S $22\frac{1}{4}^{\circ}$ W, 91 lbs
dist marked S 22 S R 14 C S 34 B S
Shower S continues on a blank line to

40.00 Cor point of sves 26, 27, 34 and 35.
Land, mountainous and level.

Soil, rich loam, sandy, gravelly and
rocky. 1st, 3rd and 4th rates.

Timber, mesquite, cedar and cottonwood,
undergrowth, mesquite, locust, amole,
chamizo and scottle cactus.

Mountainous or land covered with
dense undergrowth, 68.24 lbs.

The San Jose de Sonora land grant.

chains

From cor of sec 2, 3, 34 and 35, S to 22
and 23 S. 1/4 C, 1/4 and sec cor bar
N. 89° 45' W.

X Sharford Tract

N. 89° 45' W, bet sec 3, and 34.

Over mountainous land; descending

2.30 Cor. bet, 20 lbs wide, course Northwly; ascend

4.00 Top of ridge, bears N. Easterly and S.
Westerly; descend

7.00 Dry wash, course N. Easterly; ascend

8.50 Top

10.80 Dry wash, 20 lbs wide, course N. W.
ascend.

13.60 Top of spur, 60 ft above wash, bears
N. W. and S. E.

15.00 Descend

20.80 Enter draw, course N. Easterly.

22.00 Dry wash, 1 ch wide course Northwly.

28.40 Leave draw and ascend

Bearings of Sre and Sfr lines on the bed
Chumis

- 3200 Top of spur, 50 ft above draw. bears
Northwly and Southwly; descend
- 3330 Gully, 60 ft below top of spur, course
Northwly; ascend.
- 3595 Wind fence, bears N 87° E and S 87° W.
- 3600 Top of spur, 90 ft above gully; extending
Northwly; descend
- 3825 Center draw, 60 ft below top of spur,
course Northwly
- 3925 Dry creek, 25 lbs wide, course Northwly
- 3950 Old $\frac{1}{4}$ sre or point determined by
old bearing bars. I establish cor at
same point as follows:

Set a sundstone 18 x 10 x 8, 12 ins in the
ground, for $\frac{1}{4}$ sre or, marked $\frac{1}{4}$ on
N. face, from which

A mag. wire, old B S, 16 ins diam, bears
N. 28° E, 57 lbs dist, which I remark,
 $\frac{1}{4}$ S 34 B S.

The San Juan de Sonora land grant.
Charris

A mesquite, old B P, 15 ins diam, bears
S 22° E, 104 lbs dist, which I remark
4 S 3 B P.

From this cor Forsyth's ranch house
bears N. about 30 lbs dist.

40.10 Road, bears Northwly and Southwly.

40.30 Lower draw; ascend.

42.25 Top of spur, 40 ft above draw; extending
N. Westerly; descend.

43.30 Wire fence, bears N. N. Westerly and
E. S. Easterly.

44.10 Dry wash, 10 lbs wide, course Northwly;
ascend.

47.00 Top of spur, 60 ft above wash, bears
Northwly and Southwly; descend

49.20 Enter canyon, 60 ft below top of spur
course Northwly

52.70 Leave canyon and ascend

56.00 Top of spur, 80 ft above canyon, ex-

Drawings of Sec and Sp lines on the birds
bluffs

- tending Northwaly; descend
- 58.75 Dry wash, 20 lbs wide, course Northwaly;
ascend.
- 60.00 Top of ridge, 60 ft above wash, base
Northwaly and Southwaly; thence along
N. slope through dense wood.
- 70.50 Descend
- 75.50 Dry wash, 80 ft below top of slope,
10 lbs wide course Northwaly; ascend.
- 79.00 Shovel of ores 3, 4, 33 and 34, Sps 22
and 23 S, B 14 E, which is a cedar
post in a good state of preservation,
marked and witnessed as described
by the surveyor general.
- Sound, mountainous and level.
- Soil gravelly and stony; 3rd and
4th cuts.
- Timber, scattering oak and mesquite,
undergrowth, much, mesquite and

of the San Jacinto de Sonora land grant

Chains

trails.

Mountainous or land covered with dense
undergrowth, 71.15 chs

February 3, 1903.

February 4: At 7^h 50^m a.m., l.m.t., I
set off $31^{\circ} 27' N$ on the lat. arc.

$16^{\circ} 24' S$ on the decl. arc, and de-
termined a true meridian with the solar
at the cor. of sres 3, 4, 33 and 34, S/s
22 and 23 S, B 14 E.

From the above cor., $\frac{1}{4}$ sre cor bears
N. $1^{\circ} 6' W$.

Therefore I run

N. $1^{\circ} 6' W$ bet sres 33 and 34.

Over mountainous land; descending
through dense woods

✓ 13.50 Lower woods and descend abruptly 60 ft.

13.95 Enter Sonora valley, 200 ft below sre

Closings of Sec and 3/4 lines in the Cedar
Chains

- 19.20 Wire fence, bars N. Westerly and S. Easterly.
- 19.63 Left bank Sonvita creek bars Easterly
and Westerly.
- 21.70 Right bank Sonvita creek.
- 23.10 Wire fence, bars N. Westerly and S.
Easterly.
- 23.18 Telegraph line, bars N. Westerly
and S. Easterly.
- 23.62 Middle of single track of the
Arizona and New Mexico railroad
bars N. Westerly and S. Easterly, lower
valley and ascend.
- 24.50 Wire fence, bars N. Westerly and S.
Easterly, enter dense mesquite and
Arctostaphylos growth.
- 27.60 Top, 80 ft above railroad, bars N.
Westerly and S. Easterly, descend.
- 28.65 Enter draw, course S. Westerly.

of the San Jacinto de Santa land grant
Charris

34.10 Dry creek, 30 lbs wide across S. Westerly.

35.10 Draw, draw and begin stripe as cont.

36.60 Top, 50 ft. above draw, bears W.
Easterly and S. Westerly; thence over
nearly level land.

39.55 Old $\frac{1}{4}$ sec cor which is a decayed station
lying on the ground and faint traces
of old pits. To establish cor at same
point as follows.

Set a granite stone 18x10x6 ins, 12 ins
in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on N. face; from which

A. mosquito, 12 ins diam bears S $46\frac{1}{2}^{\circ}$ E,
105 lbs dist, marked $\frac{1}{4}$ S 34 B S.

A mosquito, 10 ins diam bears S $54\frac{1}{2}^{\circ}$ W,
47 lbs dist, marked $\frac{1}{4}$ S 33 B S.

From this cor, sec cor bears N $0^{\circ} 6'$ W

Plumb line, 8 in

N $0^{\circ} 6'$ W, to sec cor.

Closings of Sec and Sp lines via the Ldrs
chain

- 3.90 Leave dense undergrowth and ascend
16.80 Top, bars N. Easterly and S. Westerly, and
begin steep descent.
18.75 Foot, soft below top, enter canyon,
course S. Westerly.
24.65 Leave canyon, course southerly; ascend
36.80 Top of spur, 80 ft above canyon,
extending Westerly; descend.
39.25 Descend abruptly 30 ft.
39.80 Old sec cor, which is a decayed post
lying on the ground, with marks
obliterated. Old B B's cut down. I
reestablish cor at same point as follows:
Set a malpais stone 18x12x6 ins, 12
ins in the ground, for cor of secs 27,
28, 33 and 34, marked with 3 notches on
E and 1 notch on S. edge; from which
a measuring 8 ins diam, bars N 15 3/4; W 17 5/8
lbs. dist, marked S 22 S B 14 E S 28 13 S;

of the San Jacinto Sonora land grant
Chavis

no other trees within limit, and raise a mound of stone 2 ft base, 1 1/2 ft high, N of cor. Site impracticable.

Land, mountains and level.

Soil rich loam, gravelly and stony; bet 3rd and 4th rates.

Timber, mesquite, cedar and some cotton-woods along Sonora creek, undergrowth, mesquite, cedar and amole.

Mountains or land covered with dense undergrowth; 69.98 chs.

From cor of s res 27, 28, 33 and 34, 1/4 sec cor and sec cor point bear East
Therefore I run

East bet s res 27 and 34.

Ascending along S. bank of canyon over boulders

1.60 Top of bank, thence along ridge.

Readings of Sec and M lines on the base
Chunin

12.60 Base of ridge of canyon and into dense
muds. base N. Easterly and S. Westerly.

14.60 Top of ridge, 100 ft above canyon, base
Northwly and Southwly.

16.60 Beg in descent to slope of ridge

23.60 Base dense muds, base Northwly
and Southwly.

26.60 Gulch, 200 ft below top of ridge, 25 lbs
wide, course Southwly; as usual

31.60 Top of ridge, 60 ft above gulch, base
Northwly and Southwly; as usual

39.90 Old $\frac{7}{8}$ sec ev, which is an old post
lying on the ground. To reestablish
ev at same point as follows

Set a marble stone $18 \times 10 \times 6$ ins, 12
ins in the ground, for $\frac{7}{8}$ sec ev,
marked $\frac{7}{8}$ on N. face, and raise a
mound of stone 2 ft base, $1\frac{1}{2}$ ft high,
N. of ev. Site impracticable.

of the San Juan de Sonora land grant

Chumis

42.60 Ench, 15 lks wide ^{course} S. easterly; ascend.47.60 Top of spur, extending S. easterly;
descend.56.10 Dry wash, 60 ft below top of spur, 15
lks wide ^{course} S. easterly; ascend.56.88 Enter ret W. bdy of the San Juan de
Sonora land grant at a point from
which the $10\frac{1}{2}$ mile cor of the grant, bears
S $68^{\circ} 16' E$, 1.73 lks dist.

Set a granite stone $18 \times 10 \times 8$ ins, 12 ins in
the ground, for closing cor of parcel
secs 27 and 34, marked S & S on E
and E & E on W faces, with groove on
S face, and raise a mound of stone
2 ft base, $1\frac{1}{2}$ ft high, W of cor. Pits
impracticable.

Thence across the grant on a Rank line.

75.00 Top S. slope of ridge, descend

79.60 The cor point of secs 26, 27, 34 and 35

Closings of Tre and Spr lines on the Eads
chains

Land, mountainous

Soil, gravelly, stony and rocky; 3rd
and 4th rate.

Timber scattering cedar; undergrowth,
mud!

Mountainous or land covered with
dense undergrowth, 79.60 chs

From cor point of sres 25, 26, 35 and
36, $\frac{1}{4}$ sre cor point and be cor bar North
Shurfor. S run

North, bet sres 25 and 26. across point
on a Rank line.

Ascending through dense mesquite
and trestle undergrowth.

1.10 Top of small spur, extending W^{sterly};
down

1.85 Enter draw, course W^{sterly}

3.45 Dry wash, 60 lbs wide, course

of the San José de Sonora land grant
chains

- Westerly
- 4.25 Cross draw and ascend
- 7.00 Pop, draw Easterly and Westerly; descend
- 12.50 Gulch, course Westerly; ascend
- 14.50 Pop
- 15.00 Stearns' house bears S. 46° W about 15 chs
dist.
- 30.20 Descend
- 31.30 Gulch, course Westerly; ascend
- 32.50 Pop
- 34.50 Descend
- 35.32 Wire fence bears N. Easterly and S.
Westerly
- 35.93 Pop of railroad cut, bears course un-
dergrowth, bears N. Easterly and S.
Westerly and descend abruptly 20 ft.
- 36.28 Middle of single track of the Arizona
and New Mexico railroad bears N.
Easterly and S. Westerly.

Chronicle of Ire and Hills in the Lake
Chronis

- 36.80 Wire fence, bars N. Easterly and
S. Westerly
- 37.10 Enter Sonvita valley and dense woods
woods, bars N. Easterly and S.
Westerly
- 39.54 Bend, bars N. Easterly and S.
Westerly
- 39.71 Old $\frac{1}{4}$ sec. cor. point
- 45.70 Left bank Sonvita creek bars
N. Easterly and S. Westerly
- 47.35 Right bank Sonvita creek 10 ft high.
bar/arrow woods
- 48.00 Low valley and begin steep ascent
through dense mosquito, tosta and
creek
- 54.00 Low dense undergrowth, bars
constantly and Westerly
- 56.00 Top of spur 250 ft. above valley,
extending S. Westerly; thence a long

of the San Jose de Sonora land grant
Charris

N W slope of ridge

62.90 Top of slope and descend

63.57 Enter ret N. by of the San Jose de
Sonora land grant at a point from
which the 13 mile cor of the grant bears
N. 72° E, 1.50 chs dist

Set a malpais stone $24 \times 16 \times 12$ ins ^{18" in}
the ground, for closing cor of parcel 25
and 26, marked C on N, 1 good on
E and S of D S on S faces; and raise
a mound of stone 2 ft base, $1\frac{1}{2}$ ft high
N of cor. It is impracticable
thence to continue.

69.70 Small ravine, 100 ft below ^{low} of slope,
course Westerly; ascend

7000 Top and descend

73.80 Enter ravine, course S Westerly

77.44 Wind fence bears N. N. Easterly and
S. S. Westerly

Closing of Sec and Sp lines on the bars
Chamis

79.42 Old sec in which is a decayed post lying on the ground with marks obliterated I reestablish at same point as follows:

Set a sandstone $18 \times 18 \times 8$ ins, 12 ins in the ground forev of secs 23, 24, 25 and 26, marked with 1 notch on E and 2 notches on S side, and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft high, W of ev. Site impracticable.

Land, mountainous and level.

Soil sandy, gravelly and stony; and 3rd and 4th rate.

Timber, mesquite and cottonwood, undergrowth, mesquite, brodiaea, cacti and arrow woods

Mountainous or level covered with dense undergrowth 79.42 chs.

of the San José de Soncita land grant.
Chumia

February 4, 1903.

February 5: At 7^h 30^m a.m. l.m.t. I
set off 31° 30' N on the lat. wire,
16° 6' S on the decl. arc and de-
termined a true meridian with the solar
at the cor. of sres 23, 24, 25 and
26.

From the above cor. $\frac{1}{4}$ and s're cor. bars
East.

Therefore I run

East, bet s're 24 and 25

Over mountainous land, ascending

53 Wire fixed bars N. N. Easterly and S
S. Westerly

2500 Top of ridge, 700 ft above s're cor,
bars N. Easterly and S. Westerly; descend

31.00 Foot, 80 ft below top ridge, bars N.
Easterly and S. Westerly; ascend

Closings of the said *St. Louis* on the *Edou*
Charris

- 36.00 Top of ridge, 60 ft above ft, brass N.
 Easterly and S. Westerly, as usual
- 39.80 Old $\frac{1}{4}$ sec cor, which is already put
 lying on the ground. Establish cor
 at same point as follows.
 Set a sandstone 15 x 8 x 6 ins, 12 ins in
 the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on
 N. face, and raise a mound of stone
 2 ft base, $1\frac{1}{2}$ ft high, N of cor. Sets
 impracticable
- 48.92 Enter set N bdy of the *San Jose de*
Sonita land grant at a point from ^{which} the
 $13\frac{1}{2}$ mile cor of the grant bears
 S. 72° W, 9.65 chs dist
 Set a granite stone 20 x 10 x 6 ins 12 ins
 in the ground, for closing cor of
 parcel 25 and 25, marked C C
 on N, 1 groove on E and S & D S on
 S faces and raise a mound of

of the San Jose de Sonora land grant
Chains

stone 2 ft base, $1\frac{1}{2}$ ft high, N. of cor. Pits
impracticable.

Shower across the grant on a blank line.

76.50 Center Benyman canyon 1000 ft below top
of ridge, course S. W. to S. E.

76.75 Benyman creek, 20 lbs wide, course
S. W. to S. E.

79.00 Grass canyon and ascend vertical 60 ft.

79.40 Old cor point of sees 19, 24, 25 and 30.

Land, mountainous

Soil, gravelly, stony and rocky; 4th rate
Timber, a few cottonwoods in canyon; under-
growth, amole and cacti

Mountainous land 79.40 lbs

From cor point of sees 19, 24, 25 and
30, $\frac{1}{4}$ and see cor bar
North

Therefore I am

Measure of the and the lines on the land
chain

- North across grant on a plank
line, bet sees 19 and 24.
- Over mountainous land, ascending
through dense woods
- 5.45 Cross woods, bears Easterly and
Westerly.
- 6.90 Top of rocky ridge, bears Easterly
and Westerly
- 7.90 Descend
- 9.90 Enter set N, by of the same for at
Seneca land grant at a point from
which the 14 mile cor of the grant
bears $S 72^{\circ} W$, 1.70 chs dist
- Set a granite stone $24 \times 14 \times 10$ ins, 12
ins in the ground for closing cor
of parcel sees 19 and 24 marked C C
on N, 63 rods on E, S of D S on S
and to ground on W, faces from
which

of the Sun José de Serrita land grant.
 Behind

An oak, 20 ins diam, bears N $67\frac{3}{4}^{\circ}$ E, 118

lbs dist, marked T 22 S R 15 E S 19 B S.

An oak, 12 ins diam, bears N. 26° W, 40 lbs

dist, marked S 22 S R 14 E S 24 B S.

Plumer & continue

10.30 Rocky gulch, 60 ft below top ridge, 30
 lbs wide, course. Westaly, used

12.00 Top of ridge 50 ft above gulch bears
 N Easterly and S Easterly; thinned
 along E slope over sandstone rocks

31.00 Begin descent along top of divide

39.00 Foot, bears Easterly and Westerly

40.00 Old $\frac{1}{4}$ sec cor which is a scattered
 mound of stone. I reestablish cor at
 same point as follows:

Set a sandstone $18 \times 10 \times 8$ ins, 12 ins in
 the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on
 W. face, and raise a mound of stone 2 ft
 base, $1\frac{1}{2}$ ft high, W. of cor. Pits in-

Blossings of Ice and the hills on the level
Chains

practicable

- 41.00 Center course, north, bears Easterly and
Westerly.
- 46.00 Top of malpais ridge, bears Easterly
and Westerly; observed
- 50.00 Dry wash, 10 lbs wide, course Westerly
begin steep ascent S slope of ridge
- 68.50 Top of ridge, 600 ft above wash,
bears Easterly and Westerly; observed
toward Misal, ~~or~~ Hay.
- 69.80 Lower dense woods, bears Easterly
and Westerly
- 80.00 Old ore ev, which is a scattered
ground of stone, I establish ev at
same point as follows
Set a malpais stone 18x14x6 ins
12 ins in the ground, marked with
3 notches on N and S edges, from
which

concluded, Book 1771.