

SAN JOSE DE CONITA
LAND GRANT

PH. CONTZEN
U.S. DEPT. SUR.

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BOOK 1768

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BOOK 1768

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FIELD NOTES
GENERAL LAND OFFICE.

1768

Indexed, Book 1767.

copied by E. V. May 19/03.

Compared 6/8.03.

Extremes of the San Juan de los Rios and Santa
Quinn

- 51.25 Top of ridge, 60 ft above ravine, bars
 Northernly and Southernly; as end.
- 58.60 Foot 80 ft below top of ridge, bars Northernly
 and Southernly; as end.
- 65.00 Top of spur, 70 ft above foot of ascent, bars
 Northernly and Southernly; as end.
- 7.000 Box canyon, 100 ft below top of spur, 80 lbs
 rock course S. Easterly, and begin ascent S. W.
 slope high mountain.

8.000 Set a malpais stone $28 \times 16 \times 12$ ins, 21 ins
 in the ground for the 13 mile wt, marked
 S. P. D. on S. E., P. H. on N. W. and 13 M on
 N. E. face, and raise a mound of stone 3
 ft base 2 ft high, S. E. of cor. Pits im-
 practicable.

Land, mountainous.

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

Timber, scattering oak.

Extremes of the San Jose de Sordani Land Grant
Chain

Mountainous land, 8000 chs.

N. 72° E. on Fourteenth Mile.

Over mountainous land, ascending.

19.00 Top of mountain, 1000 ft above canyon,
bars Northwly and Southwly; turned
along rocky summit.

29.00 Begin descent, bars Northwly and
Southwly.

34.85 Foot, 60 ft below top of descent, bars
Northwly and Southwly, ascend.

36.15 Top of ridge, 40 ft above ft of ascent,
bars N. Westwly and S. Eastwly, thence
along S. slope.

4000 The point for the 13th mile cor. falls on
porphyry ledge, extending N. Westwly and
S. Eastwly, 4 ft wide, 6 ins above ground,
on which

cut a cross (x) at the exact cor. point for

Extremes of the San José de Sonita Land Grant.
Chains

- The 13 $\frac{1}{2}$ mile cor, marked S of D S on S.E. P. on N.W. and 13 $\frac{1}{2}$ M on N.E. sides of cross, and raise a mound of stone 3 ft base 2 ft high, S.E. of cor. It is impracticable.
- 46.00 Begin strip descent over porphyry ridges
- 63.00 Begin 800 ft below top of ridge, 30' the wide course S. Easterly; ascend.
- 64.70 Top of ridge, 60 ft above narrow base Northwly and Southwly; descend.
- 76.00 Box canyon, 60 ft below top of ridge, 45 the wide running water, course S. Easterly; ascend.
- 80.00 Set a granite stone, 28 x 12 x 6 ins, 21 ins in the ground for the 14 mile cor, marked S of D S on S.E., P. on N.W. and 14 M on N.E. face, from which
An oak, 18 ins diam, bears N. 42 $\frac{1}{2}$ ° E, 120 the dist, marked S of D S 14 M B.D.

Extremes of the Sun good by Sonnet and Sun.
Chain

In ash 12 in chain bars N. 68 $\frac{3}{4}$ ° W. 153
The dist marked S. 5° S. 14 M B J;
no other trees within limit and raise a
mound of stone 3 ft base 2 ft high, S. E.
of ex. Site impracticable.

Land mountainous.

Soil gravelly, stony and rocky; good
and 4th rate.

Timber scattering oak and ash; under-
growth oak and etc.

Mountainous land, 5000 lbs.

N. 72° E. on Fifth Creek Mts.

Over mountainous land, ascending.

1.00 Top, 50 ft above canyon, bars Northernly
and Southernly, descend.

3.00 Beyond of rocky ravine, course Westernly;
thence over gravelly rolling land, through
grass and etc.

Extriors of the San Joes de Santa Land Grant
 Chain

- 21.00 Near general angle brass Northerly and Southerly; discont.
- 22.14 Foot, enter Hangman canyon, course Southerly.
- 24.00 Leave canyon and begin ascent S. W. slope of Sanford butte.
- 40.00 Set a granite stand 28 x 16 x 10 ins, 21 ins in the ground for the 14 1/2 mile cor, marked S. 70° E on S. E. I. E on N. W. and 14 1/2 M on N. E. face and raise per ground of stone 3 ft base 2 ft high, S. E. of cor. Pits impracticable.
- 46.00 Sanford section horse brass S. 70° W. about 30 chd dist.
- 57.00 Top of ascent, 1000, ft. above canyon; top of butte brass 10 chd N.; Turner along S. slope.
- 70.00 Begin descent of S. E. slope of butte.
- 80.00 Set a sandstone 24 x 16 x 14 ins, 18 ins in the

Extent of the Sun from the Sonora and Grant
 chains

ground for the 15 mile cor, marked S.P.D.S
 on S.E. S. on N.W. and 15 M on N.E.
 corners and raise a mound of stone 3 ft
 base, 2 ft high, S.E. of cor. Pits in-
 scriptions.

Land, mountains, and gently rolling.
 Soil, gravelly, stony and rocky; 3rd and
 4th parts.

Timber scattering oak and mesquite. In-
 dergrowth, amole and cacti.

Mountains or land covered with dense
 undergrowth, 8000 cor.

January 26, 1903.

January 27: At 7^h 30^m a.m. l.m.t. I
 set off $31^{\circ} 30'$ on the lat arc; ¹⁸⁷³⁶ $18^{\circ} 36'$ S.
 on the declure and determine a true meri-
 dian with the solar at the 15-mile cor.
 Burner & run

Sections of the San Juan or Santa Land Grant.
Chain

N. 72° E. on Sixteenth, Mile.

Over mountainous land; ascending over boulders.

6.50 Ravine, 150 ft below top of slope, 30 lbs weight, course S. Easterly; ascend.

27.75 Top of ridge, 200 ft above ravine, bears N. Westerly and S. Easterly; descend.

40.00 Set up standards $28 \times 18 \times 12$ ins, 21 ins in the ground, for the 15^{th} mile cor., marked S & D S on S. E., S & H on N. W. and 15^{th} M on N. E. from which an oak, 12 ins diam, bears N. 75° E, 104 lbs dist, marked S & D S 15^{th} M B D.

An oak, 12 ins diam, bears N. 24° W, 225 lbs dist, marked S & D S 15^{th} M B D.; and raise a mound of stone 3 ft base, 2 ft high, S. E. of cor.

43.35 Ravine, 300 ft below top of ridge, 30 lbs weight, course S. Easterly; begin ascent N. W.

Extension of the San Jose de Sonora Land Grant.
Chain

- slope of ridge
- 72.25 Top of ridge, 500 ft above ravine, bear
Northw'dly and Southw'dly; dip end.
- 79.50 Canyon, 250 ft below top of ridge, course
S. Easterly.
- 80.00 Point for the 16 mile cor falls in bed of
dry creek in canyon
- 81.00 Set a porphyry stone 28 x 16 x 8 ins 21 ins
in the ground for witness cor to the 16 M
cor, marked W.C., S & D S on S.E., S.E.
on W.N. and 16 M on N.E. faces, from
which
- A mesquite, 20 ins diam, bear N. 30° E 37
the dist, marked W.C., S & D S 16 M B.S.
- A mesquite, 18 ins diam bear S. 60 1/2° E, 74
the dist, marked W.C., S & D S 16 M B.S.
- A mesquite, 12 ins diam, bear S. 20° W 88
the dist, marked W.C., S & D S 16 M B.S.
- A mesquite, 14 ins diam, bear N. 62° W, 140 the

Extremes of the low foot of Sonora and Grant
Chain

dist. marked N 6 S of N S 16 W B P, and raise
a mound of stone 3 ft base, 2 ft high, S.E.
of cor.

Land, mountainous.

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

Timber, scattering oak and mesquite.

Mountainous land, 8000 obs.

N. 72° E. on Sonora with Mill.

From cor. point in canyon.

1.00 Natural cor. ascend.

12.25 Top of ridge, 150 ft above canyon, base
N. Westward and S. Eastward;

13.25 Begin steep descent.

18.00 Bottom 150 ft below top of ridge, 30 lbs wide
course S. Eastward; mining shaft, base 25 lbs
S; ascend.

19.00 Workings of mine on both sides of line, this

Extracts of the San Juan del Sombrero Land Grant.
 Channel

- mine, apparently, had not been worked for some time.
- 20.00 Road, bare N. Westly, and S. E. westerly.
- 22.36 Mining monument, bare 90 lbs S.
- 28.00 Top of S. slope of ridge, 150 ft above ravine; descend.
- 38.40 Dry creek, 400 ft. below top of slope, 40 lbs north, toward Southly; ascend.
- 40.00 Set a porphyry stone, 28 x 20 x 10 in and 21 in, in the ground, for the 16 $\frac{1}{2}$ mile cor, marked S of S on S. E., S. on N. W. and 16 $\frac{1}{2}$ M. on N. face, from which
 A mosquito, 6 in diam, bare N. 86° E. 166 lbs dist, marked S of S 16 $\frac{1}{2}$ M N 3. no other
 tree within limit, and raised a mound of stone 3 ft base, 2 ft high, S. E. of cor. It's impracticable.
- 45.50 Top of ridge, 150 ft above creek, bare Northly and Southly; descend.

Extrins of the Sun from de Sonita and Grant
Chains

58.10 Canyon, 200 ft below top of ridge, 40 m wide,
course Southerly; begin steep ascent.

67.25 Top of divide, 200 ft above canyon; descend
along S. slope.

8000 The point for the 17 mile ev falls on perpendicular
rock in place, 4 x 2 ft, 3 ft above ground,
on which

cut a cross (x) at the exact ev point for the
17 mile ev marked, S of S on S.E., P E
on N.W. and 17 W on N.E. side of ev,
from which

An ev, 14 m diam, bear S 42° E, 137 ft
dist marked S of S 17 W 3 S in other
lines within limit, and raise a mound of
stone, 3 ft diam, a ft high, S.E. of ev.
Pit impunctigath.

Land mountainous.

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

Exteriors of the San José de Sonvita Land Grant
Chain

- Similar, scattering val.
Mountainous land, S. 20° E.
-
- N. 72° E. on Eighteenth Mile.
Dry mountainous land, ascending.
- 2.30 Ravine, 40 ft below 15th mile cor, course
N. Westerly; ascend.
- 4.50 Top, bears N. Westerly and S. Easterly.
Begin steep descent.
- 5.00 Boulder, 10x10 ft, 8 ft high, on line.
- 9.00 Ravine, 200 ft below top of descent, course
Easterly; ascend along S. E. slope of ridge.
- 19.50 Top of ascent, 200 ft above ravine, bears
N. Easterly and S. Westerly; descend steeply.
- 34.85 Ravine, 600 ft below top of descent, 40 ft
wide, course S. Easterly; ascend.
- 37.00 Top of rocky prominence, extending S. westerly,
descend.
- 38.50 Descend abruptly 40 ft and enter canyon,

Extremes of the San José de Comita Land Grant
chains

course Southerly.

4000 Set a sandstone $28 \times 16 \times 8$ in 21 in in the ground for the $17\frac{1}{2}$ mile cor, marked S. J. & S. on S.E. P. on N.W. and $17\frac{1}{2}$ M on N.E. face from which

A mesq. into 14 in drain bears $N. 46^\circ E$ 146 lbs dist, marked S. J. & S. $17\frac{1}{2}$ M 13 S.

A mesq. into 36 in drain bears $S. 63\frac{1}{2}^\circ E$ 173 lbs dist, marked S. J. & S. $17\frac{1}{2}$ M 13 S. and raise a mound of stone 3 ft base, 2 ft high, S. J. of cor.

40.15 Leave canyon and begin steep ascent N. slope of spur.

54.20 Top of spur, 400 ft above canyon, extending S. Easterly.

57.75 Begin descent over boulders and ledges.

73.25 Foot, 400 ft below top of spur, and enter Cañada de las Clinas course Southerly.

73.90 Road, bears Northwaly and Southerly.

Extremes of the San José de Comrat Land Grant.
Chain

75.70 Leave canyon and ascend.

8.00 Set a sandstone $28 \times 14 \times 12$ ins, 21 ins in the ground for the 18 mile cor marked S of D S on S. E, S. E on N. W. and 18 W on N. E face, from which

An oak, 14 ins diam, bore N. 66 $^{\circ}$ W, 317 lbs shot, marked S of D S 18 W 13 S, and raise a mound of stone 3 ft base, 2 ft high, S. E. of cor. Site impracticable.

3 $^{\text{rd}}$ cor stands on S. W. slope of spur, 400 ft a bow canyon, from which an adobe house bore S. 75 $^{\circ}$ W, about a mile dist.

Land mountainous.

Soil gravelly, stony and rocky. 3 $^{\text{rd}}$ and 4 $^{\text{th}}$ corr.

Similar, scattering oak and mesquite, undergrowth mesquite and brodiaea.

Mountainous land, 8,000 chs.

January 27, 1903.

Extremities of the San Juan del Sombrero Land Grant.
Chain

N. 72° E. on Ninkamth Mts.

Over mountainous land, ascending.

4.53 Top of spur, 150 ft above canyon, bears
N. westerly and southerly; descend.

6.53 Foot, bears northerly and southerly; ascend
N. slope high hill.

14.70 Top of slope, extending N. large stony circle
on top of hill, bears 1 ch S. descend.

20.50 Ravine, 200 ft below top of slope, 25 lbs
wide, course S. Easterly and ascend.

23.53 Old road bears N. Westerly and S. Easterly.

25.53 Top of rocky spur, 40 ft above ravine, extend-
ing S. Easterly; descend.

27.93 Cabin, 15 lbs wide, course N. Westerly;
begin steep ascent.

37.93 Top of escarpment 300 ft above ravine, ex-
tending southerly.

39.03 Begin descent over rocky ground.

4000 Set a sandstone 30 x 12 x 8 ins, 22 ins in the

Extent of the San José de Sonora Land Grant.
Chains

- ground for the 15th mile cor marked S. of N. S
on S. E. P. L. on N. W. and 18¹/₂ N on N. E.
large and raise a mound of stone 3 ft
base, 2 ft high S. E. of cor. S. E. impracticable.
- 45.13 Ravine, 300 ft below top of escarpment; ascend
- 46.533 To angle cor. No. 6, and N. corner monument
of the grant as heretofore described.
- 3 lines S run
N. 48° 54' E.
Over mountainous land. ascending.
- 6.87 Top of ridge, 70 ft above ravine; course S.
Easterly; descend.
- 11.47 Foot bars N. Westerly and S. Easterly; ascend.
- 19.97 Top of divide, bars N. Westerly and S. Easterly
descend.
- 26.47 Ravine, course S. Easterly; ascend.
- 32.17 Top of spur, bars N. Westerly and S.
Easterly; descend.
- 33.467 Completion of the 19th mile.

Extremes of the Sun from the Mountain Land Count.

Chain

Set a sandstone 28x14x8 ins / 21 ins in the ground for the 19 mile cor, marked S of N S on S. E., S. E. on N. W. and 19 M on N. E. face, and raise a mound of stone 3 ft base, 2 ft high, S. E. of cor. Pitt impracticable.

Land mountainous.

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

Timber scattering oak.

Mountainous land, 8000 hrs.

N. 48° 54' E. on Mountain Mill.

Dry mountainous land, descending.

- . 15 Foot, 50 ft below top of spur, and enter
 Temporal valley, bears Northerly and Southerly.
- . 36 River finer, bears N. W. Westerly and S. S.
 Easterly.
- 4.50 Dry creek 80 lbs wide, course S. Easterly
- 7.50 to river valley and ascend.

Extrical of the Sem. post de Sorvita land Grant.
Chains

- 9.00 Top, bars N. Easterly and S. Westerly;
descend.
- 10.30 Foot, road, bars N. Westerly and S. Easterly;
ascend.
- 23.00 Top of ridge, ^{bars} Easterly and Westerly; descend.
- 25.00 Foot, bars N. Westerly and S. Easterly.
- 25.64 Wind fence, bars N. Westerly and S. Easterly.
- 26.00 Ascend.
- 30.00 Top of spur, bars Northerly and Southerly, descend.
- 33.10 Foot, 70 ft. below top of spur, bars N. Westerly
and S. Easterly, ascend.
- 34.90 Top, bars N. Westerly and S. Easterly; begin
descent over low ridges and spur extending S.
Easterly.
- 38.10 Enter dense prairie and forest undergrowth,
bars Northerly and Southerly.
- 40.00 Set a limestone $24 \times 18 \times 12$ ins, 15 ins in the
ground for the $19\frac{1}{2}$ mile cor, marked S of S. S.
on S. E. S. on N. W., and $19\frac{1}{2}$ W on N. E.

Extremes of the San José de Sonitá Land Grant.
Chains

faces, from which

A mesquite 10 ins diam bears S. 14° E 180 lbs
dist marked S & D S. 19 $\frac{1}{2}$ M B P.

A mesquite 8 ins diam bears S. 47 $\frac{3}{4}$ ° E, 197 lbs
dist marked S & D S. 19 $\frac{1}{2}$ M B P. and raised
a mound of stone 3 ft base, 2 ft high, S. E.
of ev.

- 55.80 Dry creek 15 lbs wide, course S. Easterly;
ascend.
- 63.40 Pop of sand 100 ft above creek, extending S.
Easterly; descend.
- 65.00 Root and water draw course S. Easterly.
- 67.80 Dry creek 30 lbs wide, course S. Easterly.
- 74.00 Larger draw, ascend.
- 75.00 Grass dense undergrowth bears Northerly and
Southerly.
- 76.00 Pop, bears Northerly and Southerly.
- 78.00 Descend.
- 8.00 Set a sandstone 24 x 14 x 12 ins, 18 ins in the

Extremes of the Sun from the Society Land Coast.
Chama

Ground for the 20 mile or marked S of D S
or S. E. P on N. W. and 20 M on N. E. face,
from which

A mesquite 8 in diam bears $8.77\frac{1}{2}^{\circ}$ N 234

the dist marked S of D S 20 M B B.

A mesquite 5 in diam bears N. $20\frac{1}{2}^{\circ}$ N 198

the dist marked S of D S 20 M B B, no other
tree within limit and raised a mound of stone
3 ft base, 2 ft high, S. E. of cor. Site impracticable.
Land mountainous and level.

Soil, sandy loam, gravelly and stony, 2nd and
4th rate.

Timber mesquite, underground mesquite and tascal.
Mountainous or land covered with dense under-
growth, 7 or 8 etc.

N. $48^{\circ}54'$ E. on Society Coast Mill.

Over mountainous land descending.

2.53 Feet, bears N. W. Westerly and E. S. Easterly;

Extremes of the San Jose del Seneca Land Grant.
Chain

ascend.

7.33 Top of ridge, 80 ft above foot of ascent, bears N. Westerly and S. Easterly; ascend.

12.73 Port 200 ft below top of ridge, bears N. Westerly and S. Easterly.

14.13 Ascend.

15.73 Small adobe house, bears S. E. 5 chs dist.

16.95 Top, 50 ft above foot of ascent, bears N. Westerly and S. Easterly; descend.

20.53 Port, enter draw course S. Easterly.

22.53 Draw draw and ascend.

23.73 Top of narrow ridge, 50 ft above draw, bears N. Westerly and S. Easterly; descend.

25.48 Port, 30 ft below top of ridge, bears N. Westerly and S. Easterly; ascend.

26.88 Top, bears Northerly and Southerly; descend.

30.73 To angle w. No. 7, and N. E. monument of the grant, as heretofore described.

Plumer & Co

Extremes of the San José de Sonvita Land Grant.
Charris

S 56° E.

Over mountainous land, descending.

1.27 Foot and enter Sonvita valley, bars N. Easterly and S. Westerly.

4.04 Well found, bars N. Easterly and S. Westerly.

4.67 Well found, bars N. Westerly and S. Easterly.

6.27 Set a porphyry stone 28 x 12 x 10 ins, 21 ins in the ground for the 20 1/2 mile ev, marked S of E. on S. W., P. E. on N. E. and 20 1/2 W on S. E. face, and raise a mound of stone 3 ft base, 2 ft high, S. W. of ev. Pit impracticable.

From this ev. Arthur Caspini house, Patagonia, bars N. 65 1/4° E.

N. E. ev of adobe house, bars S 88 1/2° W, 2.73 chs dist.

7.27 Adobe house, bars 3.00 chs N.

8.86 Road, bars N. Easterly and S. Westerly.

10.00 Adobe house, bars N. about 9.00 chs dist

Extraneous of the San Juan del Sonora Land Grant.

Chain

- 14.27 Wash house, bars N. about 15.00 chs. dist.
- 16.97 Right bank of Sonora creek, 10 ft high,
bars N. Easterly and S. Westerly.
- 17.97 Left bank of Sonora creek.
- 21.44 River fence, bars N. 57° E. and S. 57° W.
- 21.55 Telegraph line, bars N. 57° E. and S. 57° W.
- 22.25 Middle of single track of the Arizona and
New Mexico railroad, bars N. 57° E. and
S. 57° W.
- 23.07 River fence, bars N. 57° E. and S. 57° W.
- 24.56 Road to Nogales, bars N. Easterly and S.
Westerly.
- 30.07 Road to Nogales, bars N. Easterly and S.
Westerly.
- 34.27 Small wash house, bars 1.50 chs. N.
- 35.07 River fence, bars N. Easterly and S. Westerly;
inter-oval.
- 35.27 Shack, bars E. 2.00 chs. dist.
- 36.66 River fence, bars Northerly and Southerly;

Extremes of the San Juan de Soncatal Land Grant
Chain.

- Pray corral.
- 38.27 Grand Soncatal valley, bars N. Easterly and S. Westerly; thence in draw, course Westerly.
- 41.25 School house bars N. 4.00 chs. dist.
- 42.27 Dry creek, 20 chs wide, course Westerly.
- 43.27 Grand draw and begin ascent. bars N. Westerly and S. Easterly.
- 46.27 Completion of 21st mile.

Set a porphyry stone $28 \times 14 \times 10$ ins, 21 ins in the ground, for the 21 mile cor, marked S.P.S. on S.W. P.L. on N.E. and 21 W on S.E. faces and raise a mound of stone 3 ft base 2 ft high, S.W. off cor. Site impracticable. Land, hill and mountains.

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

Timber, mesquite, undergrowth, mesquite and hickory.

Mountainous land, 38.00 chs

Extension of the San José de Sonvita Land Grant.

Chain

S. 56° E. on Twenty-Sixth Mile.

Over mountainous land, ascending.

5.984 Beginning on and N. E. cont. monument
of the grant, as heretofore described.
Land, mountainous.

Soil, stony; 4th rate.

Not timber. Mountainous land, 598 chs.

January 28, 1903.

General Description.

This grant is situated in Sps. 22 S. Rds. 14, 15 and 16 E., of the Gila and Salt river basins and meridian in the Territory of Arizona County of Santa Cruz, and along the Sonvita creek and canyon. There is some good agricultural land along the creek which is irrigated by ditches taken from the same. However the greater portion of the land is mountainous and only fit for grazing.

Extract of the San José de Sonora Land Grant
China

purposes. Along the bottom of the Sonora
creek there is cottonwood and ash timber which
on the mountain sides oak abounds. Most
of the agricultural land is claimed and
cultivated by Don Sanford at all and the
Citizen Land of Galt's Co. The Arizona
& New Mexico railroad runs more or less
through the center of this grant.

Philip Cutzen
U. S. Deputy Surveyor.

Note:-

For deputy's explanation of
markings on angle cors. see
his letter of date June 3-1903.

List of Names.

A list of the names of the individuals employed
by *Philip Coutzen*

U S. Deputy Surveyor, to assist in running, measuring
and marking the lines and corners described in the forego-

ing Field Notes of the survey of the *Exteriors*

of the *San Jose de Sonvita*
grant ^{& necessary} connecting
lines situated in Tps 22 S.
R's 14-15-16 E

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona, showing the respective capacities in which
they acted.

John M. Trayer Chainman.

G. A. Hawley Chainman.

..... Chainman.

..... Chainman

..... Axeman.

Manuel Rodriguez Axeman.

Esteban Fimbres Flagman.

86
89
6

Final Oath of Assistants.

We hereby certify that we assisted *Philipo Cantzen* U. S. Deputy Surveyor, in surveying all those parts or portions of the *Extremities of the San Jose de Sonvita grant and necessary connecting lines situated in Tps 22 N. R. 14 E. 15 E. 16 E.*

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

John M. Prager Chainman.
G. A. Hawley Chainman.
Chainman.
Chainman.
Axeman.
Manoel Rodrigues Axeman.
Esteban Jimbres Flagman.

Sworn and subscribed before me, this *12th* day of *March*, 190*3*.

Horner Cantee
Notary Public.

[SEAL.]



Final Oath of U. S. Deputy Surveyor.

I, *Philip Conzgen*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from... *Hugh H. Price*
 United States Surveyor General for Arizona, bearing date of the... *29th*... day of... *November*... 190*2*

I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the *Exterior*

of the San Jose de Sonora grant and necessary connecting lines situated in Tps 22 N. R's 14-15-16 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will

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6
91
suffer the penalty of perjury, under the provisions of an act
of Congress approved August 8, 1846.

Philip Couzger
U. S. Deputy Surveyor

BOOK 1788

Sworn to and subscribed before me this... 27th...

day of March - 1903.

William D. Hoover,
Clerk District Court
First District, Arizona



of the United States District Court, in the Ter-
ritory of Arizona, as are represented in the foregoing field
Notes as having been surveyed for me and under my direct-
tion; and also further solemnly swear that all the corners of
said survey have been established and marked in strict
accordance with the Manual of Field Instructions, the
special instructions of the United States Survey-General,
for Arizona and in the specific manner described in the
field notes; and that the foregoing are the true field notes
of such survey; and should any fraud be detected I will

Office of U. S. Surveyor General,

Phoenix, Arizona, May 30-1903.

BOOK 1768

The foregoing field notes of the survey of the *San Jose de Sonaita* private land grant, Santa Cruz ~~City and Salt River Base and Meridian,~~ Arizona, executed by *Philip Contzen*, U. S. Deputy Surveyor, under Contract No. *105* dated *November 29-1902*, having been critically examined, the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

Hugh H. Price

U. S. Surveyor General for the
District of Arizona.

three decimals, and all other calculations to two decimals only. Do not obliterate or change the original figures: Do not change the footing of the original figures, but put below them the corrected footing in red ink. Balancing fallings should be proportional to the lengths of the lines. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to the decimal specified. Take result to nearest hundredth.

TABLING AND CALCULATIONS OF *San Jose de Rosita Private Land Grant*, **SURVEY No.**

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	<i>N 60° E.</i>	<i>52.254</i>		<i>26.127</i>	<i>45.267</i>		<i>1495.010</i>		<i>3906013</i> ✓
	<i>N 56° 25' W</i>	<i>117.296</i>		<i>64.857</i>		<i>97.745</i>	<i>1442.532</i>		<i>9355823</i> ✓
	<i>N 70° W</i>	<i>599.873</i>		<i>205.308</i>		<i>563.600</i>	<i>781186</i>		<i>16038573</i> ✓
	<i>N 68° 16' W</i>	<i>117.273</i>	<i>43.407</i>			<i>108.793</i>	<i>108793</i>	<i>472238</i>	
	<i>N 72° E.</i>	<i>599.873</i>	<i>185.351</i>		<i>570.599</i>		<i>570599</i>	<i>10576109</i>	
	<i>N 48° 54' E.</i>	<i>147.192</i>	<i>96.754</i>		<i>110.944</i>		<i>1252142</i>	<i>12114975</i>	
	<i>N 56° E.</i>	<i>52.254</i>		<i>29.220</i>	<i>43.329</i>		<i>1406415</i>		<i>4109544</i> ✓
								<i>28163322</i>	<i>33409953</i>
									<i>23163322</i>
									<u><i>2110246631</i></u>
<i>Area of Grant.</i>									<i>5129315 Acres</i>