

686

SUBDIVISIONS

T 24 S R 22 E

CONTRACT 87

PHILIP CONTZEN
U. S. DEP. SUR

I.

No. 989

BOOK 989

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Field Notes
Of the survey of the
Subdivision Lines
of
Township No. 24 South
Range No. 22 East
of the
Gila and Salt River Basins ^{and} Meridian
In the
Territory of Arizona

As surveyed by
Philip Contzen
U. S. Deputy Surveyor

Under his contract No. 87
Dated August 24, 1901.

Survey commenced September 18, 1901.
Survey completed September 24, 1901.

Subdivision of T24 S, R22 E Section 9
Chains

September 18, 1901. At 7^h 30^m a.m.
l.m.t. I set off 8125 on the lat.
arc, 159' 7" on the declare, and
determine a true meridian with
the solar at the cor of sres 1, 2,
35 and 36 on the N. bdy of the
Sp. as heretofore described.

Shaner Burn

S 0° 01' E, bet sres 1 and 2.

Over level land.

- 1.08 Wash, 20 lbs wide, course, westerly
- 2.00 Leave draw, bears N W.
- 20.50 Road to Naco, bears E and W.
- 24.00 Enter dense forest - undergrowth,
bears E and W
- 39.00 Leave dense undergrowth, bears E and W
- 4.000 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for 4 sec cor
marked 7 S 2 on W and S 1 on

No. 989

BOOK 989

Subdivision of T₂₄S, R₂₂E - Continued

Chains

E faces, dug pits 18x18x12 ins
N and S of post, 3 ft ^{dist} and raised
a mound of earth 3 1/2 ft base, 1 1/2
ft high, W of cor.

61.34 Naco road, cross NW and SE,

30.00 Set a round post 3 ft long, 4
ins sq, with marked stone, 24 ins
in the ground, for cor of sec 1,
2, 11, and 12, marked

T₂₄S, S₁ on NE,

R₂₂E, S₁₂ on SE,

S₁₁ on SW, and

S₃ on NW faces with 1 notch
on E, and 5 notches on S edges;
dug pits 18x18x12 ins in each
sec, 5 1/2 ft dist, and raised a
mound of earth 4 ft base, 2 ft
high, W of cor.

Bound, level.

Subdivision of T24 S, R22 E - Continued
Chains

Soil, gravelly; 3rd rate.
No timber, undergrowth, trees
and mesquite.
Dense undergrowth, 75.00 chs

East, on a random line bet sees
1, and 12.

40.00 Set temp 4 sec cor.
80.14 Intersect E bdy of the 6 lks
S of cor of sees 1, 6, 7, and 12, which
is a stone, marked and witnessed
as described by the surveyor general
Almer B. Gunn

S 89° 57' W, on a true line bet sees
1, and 12.

Over level, and rolling land.
18.14 Grass mesa and water draw,
grass N W

20.94 Wash 20 lks wide, course N

Subdivision of Sec 14, R22E - Continued
 Chains

westerly.

80.14 Brass draw, brass N W and enter
 gently rolling land.

40.04 Set a redwood post 3 ft long, 4 ins
 sq, with marked stone, 24 ins
 in the ground, for $\frac{1}{4}$ sec cor.
 marked $\frac{1}{4}$ S 1 on N and S 1 2
 on S faces; dug pits 18 x 18 x 12
 ins, E and W of post, 3 ft dist
 and raised a mound of earth
 $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, N of cor.

80.14 The cor of secs 1, 2, 11, and 12.
 Land level and rolling
 Soil, gravelly; 3rd rate.
 No timber.

S. 101' E, bet secs 11, and 12
 Over gently rolling land
 through tall grass.

Subdivision of P 24 S, R 22 E - Contiguac
Chains

10.00

Enter dense mesquite undergrowth,
bars NE and SW.

40.00

Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ S 11 on W and S 12 on E faces,
dig pits 18 x 18 x 12 ins, N and S of
post, 3 ft dist, and raised a mound
of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high,
W of cor.

64.00

Leave dense mesquite undergrowth,
bars NE and SW, and enter
scattering mesquite.

80.00

Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for cor of secs 11, 12,
13, and 14, marked
P 24 S, S 12 on NE,
R 22 E S 13 on SE

Subdivision of No 4 of R 22 E - Continued
 Chains

S 14 on SW and
 S 11 on NW faces with notch
 on E and 4 notches on S edges.
 dug pits 18 x 18 x 18 ins in each
 sec, 50 ft. dist, and raised a
 mound of earth 4 ft base, 2 ft
 high, W of cor.

Land, gently rolling

Soil, gravelly; 2nd and 3rd rate.
 No timber, undrains with mesquite.
 Dense undrained, \$4.00 ch

N 89° 54' E, on a random line bet sec
 12 and 13.

4,000

Set temp 4 sec cor.

8,000

Intersect E ldy of Sp 17 lks S of
 cor of secs 7, 12, 13, and 18, which
 is a stone, marked and witnessed
 as described by the surveyor general.

Subdivision of Parcel, R22 E-Continued
 Chains

James Dunn

S 89.50 W, on a true line bet sees
 12 and 13.

Over rolling land

4.00

Set a 4 corner post, 3 ft long, 4 ins
 sq, with marked stone, 24 ins in
 the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ S 12 on N, and S 13 on S
 face, dug pits 18 x 18 x 12 ins, E
 and W of post, 3 ft, dist, and raised
 a mound of earth 3 x 2 ft base,
 1 1/2 ft high, N of cor.

5.00

Enter scattering mesquite under
 growth, bars N and S.

8.00

Tha cor of sees 11, 12, 13 and 14
 Land, rolling.

Soil, gravelly, 3rd rate.

No timber, undergrowth, scat-
 tering mesquite.

Subdivision of N 4 S, R 22 E - Continued
Chains

- S 001 E bet sees 13 and 14
Over gently rolling land
- 21.30 Wash, 10 lks wide, course, N
westerly
- 40.00 Set a sandstone 18 x 12 x ⁸/₂ ins, 12 ins
in the ground, for 1/4 sec cor,
marked # 14 on W and 13 on E
faces, and raised a mound of stone
2 ft base, 1 1/2 ft high, W of cor.
Pits impracticable.
- 43.00 Enter dense mesquite undergrowth,
cross NW and SE
- 48.00 Leave dense and enter scattering
undergrowth, cross NW and SE
- 71.00 Wash, 10 lks wide, course N
westerly
- 80.00 Set a quartz stone 18 x 12 x 6 ins, 12
ins in the ground, for cor of sec
13, 14, 23 and 24, marked with 1

Subdivision of T 24 S, R 22 E - Continued
 Chains

notch on E and 3 notches ^{on} S edge; dug
 pits 18x18x12 ins in each sec, 5 1/2
 ft. dirt and raised a mound of earth
 4 ft base, 2 ft high, W of cor.
 Land, gently rolling
 Soil, gravelly; 2nd & 3rd parts
 No timber, undergrowth, mes-
 quite.
 Fence undergrowth, 5.00 chs

N 89.54' E, on a random line bet
 secs 13 and 24

4 0.00 Set temp 4 sec cor.

80.15 - Intersect E bdy of Tp 35 chs S
 of cor of secs 13, 18, 19, and 24,
 which is a stone marked and
 witnessed as described by the
 surveyor general.
 Thomas Brown

Subdivision of Sec 24 R 22 E - Continued
 Chains

S 001 E, bet frac'l ssec 23 and 24,
 Over level land

12.17

Intersect International Polyline
 bet the United States and Republic
 of Mexico, 96, 50 chs W of Mon.
 No. 95.

Set a redwood post, 7 ft long, 4
 ins sq, with marked stones, 24
 ins in the ground, for closing
 cor of frac'l ssec 23 and 24, marked
 C C, S 24 S, R 22 E on N
 S 24 on E

S 23 on W and

MEX on S faces;

dig pits 24 x 18 x 12
 ins, crosswise on each line
 E and W 3 ft, and N of post
 7 ft, and raised a mound of

Subdivision of P 24 S, R 22 E Continued
Chain

earth 4 ft base, 2 ft high; π of
cor.

Land, level.

Soil, gravelly; 5th rate

No timber, undergrowth, scat-
tering mesquites.

September 18, 1901.

September 19, 1901. At 7^h 20^m a.m.
I met P set off 81.23' on the lat
arc, 1.36' N on the decl arc, and
determine a true meridian with
the solar at the cor of secs 2, 3,
34 and 35 on the N body of the
Sp, as heretofore described.

Thmes Dunn

S 001 E, bet secs 2 and 3

Over level and rolling land

25.00

Enter dense mesquite undergrowth.

Subdivision of P 24 S, R 22 E - Continued
Chains

- bars N W and S E
- 4 000 Set a sandstone 20 x 12 x 8 ins, 14
ins in the ground, for 4 sec cor.
marked S 3 on W and 2 on E
faces; dug pits 18 x 18 x 12 ins
N and S of stone, 3 ft dist, and
raised a mound of earth 3 1/2 ft
base, 1 1/2 ft high, W of cor.
- 68.50 Enter draw, bars N W and have
dense undergrowth, bars N W
and S E
- 69.30 Road, bars E and W
- 8.000 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 2 1/2
ins in the ground, for cor of
secs 2, 3, 10 and 11, marked
P 24 S, S 2 on NE
R 22 E, S 11 on SE
S 10 on SW end

Subdivision of S₂₄, R₂₂, E - Continued
 Chains

Seen N W faces with 2 notches
 on E, and 5 notches on S edges.
 dug pits 18 x 18 x 12 ins, in each
 sec, 5 1/2 ft dirt, and raised a
 mound of earth 4 ft base, 2
 ft high, W of cor.

Land level and rolling

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

No timber; undergrowth, mes-
 quite

Dense undergrowth, 43.50 chs

East on a random line bet sees
 2 and 11

4.00 Set temp 7 sec cor

8.0.16 Intersect N and S line 4 lbs
 S of cor of sees 1, 2, 11, and 12
 Shovel P, run, S 89° 58' W, on a true
 line bet sees 2 and 11.

Subdivision of T 24 S, R 22 E - continued
Chains

- Over rolling land
- 40.08 Set a redwood post, 3 ft long, 4
ins sq, in the marked stone, 24 ins
in the ground for 4 sec cor,
marked 4 S 2 on N and S 11
on S faces, dig pits 18 x 18 x 12
ins, E and W of post, 3 ft dist,
and raised a mound of earth
3 1/2 ft base, 1 1/2 ft high, N of
cor.
- 50.60 Wash, 15 lbs rocks, course N
westerly
- 80.16 1st cor of secs 2, 3, 10 and 11
Land, rolling
Soil, gravelly; 7th rate
No timber.

S 0.01 E, bet secs 10 and 11.
Over level and rolling land

Submission of T₄ & B₂₂ C - continued
Chairs

- Through dense mesquite undergrowth
- 31.00 Leave dense mesquite, bears N W and S E
- 33.00 Enter draw, bears N W
- 37.00 Leave draw and enter rolling mesa
- 40.00 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S on W and S on E faces, dug pits 18 x 18 x ¹² ins, N and S of post, 3 ft. dist, and raised a mound of earth $3\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, N of cor.
- 43.00 Enter dense mesquite undergrowth, bears N W and S E
- 6.00 Leave dense mesquite undergrowth, bears N W and S E.

Subdivisions of P 24 S, R 22 E - continued
 Chains

S 000 Set a reduced post, 3 ft long, 4
 ins sq, with marked stone, 24 ins
 in the ground, for each of secs 10,
 11, 14, and 15, marked

P 24 S, S 11 on NE

R 22 E, S 14 on SE

S 15 on SW, and

S 10 on NW faces with 2 notches
 on E, and 4 notches on S faces,
 dig pits 18 x 18 x 12 ins, in each
 sec, 5 1/2 ft dist, and raised a
 mound of earth 4 ft base, 2 ft
 high, W of each.

Land, level and rolling

Soil, gravelly; 2nd and 3rd rate
 No timber, undergrowth, mes-
 quits.

Reduced undergrowth, 4800 chs

Subdivision of P 24 S, R 22 E - Continued

Chairs

N 89° 58' E, on a random line bet
secs 11 and 14

4.000 Set temp $\frac{1}{4}$ sec cor

S. 12 Intersect N and S line 10 Ch
N of the cor of secs 11, 12, 13
and 14.

Pruner/Prun

N 89° 58' W on a true line bet
secs 11 and 14

Over gently rolling land.

Through dense mesquite, and
tweed undergrowth

4.006 Set a round post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ S 11 on N and S 14
on S face. dig pits 18x18x12 ins
E and W of post, 3 ft dist, and
raised a mound of earth 3 1/2 ft

Subdivision of S 24 S R 22 E - Contained

Chains

- base, 12 ft high, N of cor.
 45.00 Enter draw, cross N W
 53.20 Wash, 10 lbs wide, course N
 westerly
 59.00 Level draw, cross N W.
 82.12 The cor of sres 10, 11, 14 and 15
 Land, gently rolling
 Soil, gravelly; 3rd rate
 No timber, undergrowth, mesquite
 and tsetse.
 Dense undergrowth, 80.12 chs

S 20 E, bet sres 14 and 15
 Over level and rolling land
 through dense mesquite under-
 growth

- 4.000 Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24 ins
 in the ground, for 4th sec cor.

Subdivision of S 24, R 22 E. continued

Chains

marked $\frac{1}{4}$ S 15 on N and S 14
on E faces; dug pits 18x18x12
ins. N and S of post, 3 ft dist.
and raised a mound of earth $3\frac{1}{2}$
ft base, 1 $\frac{1}{2}$ ft high, W of cor.

8.000

Set a redwood post 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for cor of
secs 14, 15, 22 and 23, marked
S 24 S, S 14 on NE
R 22 E, S 23 on SE
S 22 on SW and

S 15 on NW faces with 2 notches
on E and 3 notches on S edges;
dug pits 18x18x12 ins in each
sec, 5 $\frac{1}{2}$ ft dist, and raised a
mound of earth 4 ft base, 2 ft
high, W of cor.
Sand, level and rolling

Subdivision of T24 S Rax E - Continued

Chairs

Soil, gravelly, 2nd and 3rd rate.
 No timber, undergrowth, mesquite
 Dense undergrowth, sec cho

S89°58'E, on a random line bet
 sees 14 and 23.

4 c.c.0 Set temp 4 sec cor.

P. a. 12 Set corner N and S line 5 lbs N
 of cor of sees 13, 14, 23, and 24.
 Runed S, 111m

N89°56'W, on a true line bet
 sees 14 and 23.

Over rolling land

4 c.c.6 Set a quartz stone 18x12x8 ins, 12
 ins in the ground, for 4 sec cor
 marked 4 14 on N and 23 on S
 faces, and raise a mound of stone
 2 ft base, 1 1/2 ft high, N of cor.
 Sets impracticable.

Subdivision of T₂₄S, R₂₂E - continued

Chains

7.000

Enter dense mesquite undergrowth,
brown NW and SE.

8.012

She cut off secs 14, 15, 22, and 23.

Land rolling.

Soil, gravelly; 2' sand 3" rats

No timber, undergrowth, mesquites

Dense undergrowth, 50.12 chs

S. 01 E, bet fracl secs 22 and 23

Over level land

Through dense mesquite undergrowth

12.30

Passet International bdy line

bet the United States and Republic

of Mexico, 24.10 chs W of Mon. No.

96.

Set a redwood post, 3 ft long, 4 ins

sq, with marked stone, 24 ins in

the ground, for closing cor of fracl

secs 22 and 23, marked.

Subdivision of S 24 S, R 22 E - continued

Chains

C. C. S 24, R 22 E, on N

S 23 on E

S 22 on W, and

M. E. X on S faces;

dig pits 14 x 14 x 12 ins, crosswise
on each line, E and W 3 ft
and N of post 7 ft dist, and
raised a mound of earth 4 ft
base, 2 ft high, N of cor.
Land, level

Soil, gravelly; 3rd rate

No Timber; undergrowth, mesquite
and undergrowth 12.30 hrs

September 19, 1901.

September 20, 1901. At 7^h 45^m a.m.
Left D. set off 31.23 on the lat
arc, 113' N on the decl arc, and

Subdivision of Sec 4 S. 24 E. Range E. Continued

Chains

determined a true meridian with
the solar at the cor of secs 3, 4,
33 and 34 on the N. Ely of the Sp
as heretofore described.

Turner's Point

S. 32 E. bet secs 3 and 4.

Cor level land

- 19.60 Wire fence, brass S W and N E
31.60 Wire fence, brass S W and N E.
34.00 Grass valley and enter mesa
4.000 Set a redwood post, 3 ft long, 4 ins
sq. with marked stone, 24 ins in
the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ S 4 on W and S 3 on E faces;
dig pits 18 X 18 X 12 ins, N and S
of post, 3 ft dist; and raise a
mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft
high W of cor.
40.20 Enter scattering vesola mering with

Submission of P 4 S, R 22 E - Continued

Chains

~~56.00~~

~~Barbed wire fence N.E. & S.W.~~

57.00

Coastal bars & chs 71

71.00

Road hrs. E & W.

80.00

Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24 ins
in the ground, for cor of secs 3, 4,
9 and 10, marked

P 4 S, S 3 on NE

R 22 E, S 10 on SE

S 9 on SW, and

S 4 on NW faces with 6 notches
on E and 5 notches on S edges.

dig pits 18 x 18 x 12 ins in each sec,
5 ft dist, and raised a mound
of earth 4 ft base, 2 ft high,
W of cor.

Soil, sandy and gravelly; 2nd and
3rd rates

No timber; undergrowth, scat-
tering trees

Subdivision of Sec 1, T22S, R22E - continued

Chains	East on a random line bet sees 3, and 10
4.000	Set trip 4 see cor
8.000	Intersect N and S line at the cor of sees 2, 3, 10, and 11.
	Plumel Burn
	West on a true line bet sees 3, and 10.
	Over level and gently rolling land
7.00	Trace scattering mesquite under- growth, bears N and S.
18.00	Trace mesa and enter draw, bears NW
25.70	Wash, 15 lks wide, course N easterly
32.50	Enter scattering mesquite under- growth, bears NW and S.E.
	Road, bears NE and SW
40.00	Set a rounded post, 3 ft long, 4

Subdivision of S 24 S, R 22 E - Continued

Chains

mis sq. with marked stones, 24
 ins in the ground, for $\frac{1}{4}$ sec cor.
 marked $\frac{1}{4}$ S 3 on N and S 10 on
 S faces; dug pits 18x18+12 ins.
 E and W of post, 8 ft. dist, and
 raised a mound of earth, 3 $\frac{1}{2}$ ft.
 base, 1 $\frac{1}{2}$ ft high, N of cor.

8.000

Pha cor of Sres 3, 4, 9, and 10
 Land level and gently rolling.
 Soil, gravelly; 3rd water.
 No timber; undergrowth, scattering
 mesquite.

S 0, 0 S E, but sres 9 and 10

Over rolling land

Through scattering mesquite under-
 growth

4.000

Point for $\frac{1}{4}$ sec cor falls in wash,
 5 lbs wide, course N westerly

Subdivision of P 24 S R 22 E - Continued

Chains

41.00

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for witness cor to 1/4 sec cor, marked W C, 1/4 S 9 on N and S W on E face; dig pits 18 x 18 x 12 ins, N and S of post, 3 ft dist and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high, W of cor.

5.00

Bears scattering roots and enter dense mesquite and oak undergrowth, bears N W and S E.

8.00

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 9, 10, 15, and 16, marked P 24 S, S 10 on N E R 22 E, S 15 on S E

Sydelvium of Sec S, R 22 E - continued
Chains

S 16 on S W and
S 9 on N W faces with 3 notches
on E and 4 notches on S edge, set-
ting pits $18 \times 18 \times 12$ ins, in each sec,
5 $\frac{1}{2}$ ft dist, and raised a mound
of earth 4 ft base, 2 ft high, W
of ea.

Land rolling

Soil, sandy and gravelly; 2nd
and 3rd rate

No timber; undergrowth, tree toa,
mesquite and oak.

Dense undergrowth, 3,000 chs

East on a random line bet secs
10 and 15.

4,000 Set temp 4 sec ea

8,000 Intersect N and S line 1.2 lks
N of ea of secs 10, 11, 14 and 15.

Subdivision of Bee S, Bee E - continuation of
Chain

Turner Point

N 89° 55' W, on a true line bet
10 and 15.

Over, rolling land

Through dense mesquite and
tree la undergrowth.

4,000 Set a railroad post, 3 ft long, 4
ins sq, with marked stone, 24 ins
in the ground, for $\frac{1}{4}$ sec cor.
marked # S 10 on N and S 10 on
S faces; dug pits 18 x 18 x 12 ins,
E and W of post, 3 ft dist, and
raised a mound of earth $3\frac{1}{2}$ ft
base, 15 ft high, N of cor.

8,000 The cor of secs 9, 14, 15 and 16.

Land, rolling

Soil, gravelly; 3rd rate

No timber; undergrowth, mes-
quite and tree la.

Subdivision of 2nd Rec E - continued
Chains

- Dense undergrowth, 3000 chs
- 3000' E, bet 1500 15 and 16,
through dense mesquite under-
growth. Over rolling mesa.
- 4000 Point for 4 sec cor falls in wash,
10 lbs wide, course, westerly.
- 42.00 Low dense undergrowth, bars
NE and SW, and enter draw,
bars E and W.
- 43.00 Set a limestone 18x10x8 ins, 12 ins
in the ground, for witness cor to
4 sec cor, marked W C, 1/4 16 on
W and 15 on E faces, and raised
a mound of stone 2 ft base, 1 1/2
ft high, W of cor. Ditch impr-
acticable.
- 44.00 Low draw and enter dense
mesquite undergrowth, bars NE

Subdivision of P 24 S, R 22 E continued
Chain

and SW

36.00 Grass dense undergrowth, bears
E and W

34.00 Enter scattering tesota under-
growth

71.50 Wash, 5 lbs wide, course N
westerly

80.50 Set a limestone 18 x 12 x 8 ins, 12
ins in the ground, for cor of sec
15, 16, 21 and 22, marked with 3
notches on E and S edges, and
raise a mound of stone 3 ft base,
1 1/2 ft high, W of cor. Pits im-
practicable.

Land rolling

Soil, gravelly; 3rd rate

No timber, undergrowth, mes-
quite and tesota.

Dense undergrowth, 86.00 ch!

Subdivision of S 24 S R 22 E - continued
 Chans

- S 89° 55' E, on a random line bet
 secs 15 and 22.
- 42.00 Set temp 4 sec cor.
- 79.90 Intersect N and S line 12 lbs N
 of cor of secs 14, 15, 22 and 23.
 Thence S 111°
 N 89° 55' W, on a true line bet secs
 15 and 22.
- Over rolling land
 through dense mesquite under-
 growth
- 34.40 Wash, 5 lbs wide, course N
 westerly.
- 89.95 Set a redwood post, 3 ft long, 4
 ins sq, with marked stenc, 20 ins
 in the ground, for 4 sec cor,
 marked 4 S 15 on N and S 22
 on S face, dig pits 18 x 18 x 12 ins
 E and W of post, 3 ft dist and

Subdivision of T₂₄S, R₂₂E - Continued

Chains

- raised a mound of earth 3 1/2 ft base, 1 1/2 ft high, N of cor.
- 61.90 Grave mesa and dense mesquite undergrowth, bears NE and SW, and enter draw, bears NW
- 71.40 Wash, 10 lbs wide, course N westerly
- 79.90 Nth cor of secs 15, 16, 21 and 22. Land, rolling. Soil, sandy and gravelly; 2^d and 3rd rates. No timber; undergrowth, mesquite. Dense undergrowth 61.90 chs
- Secs E, bet ^{and} secs 21 and 22. Over rolling mesa.
- 1.00 Grave draw, bears NE, and SW and enter rolling mesa.

Subdivision of S 24 S, R 22 E - continued

Chains

10.78

12.50

Wire fence, brass E and W
 Intersect International boundary line
 bet the United States and Re-
 public of Mexico 104 chs W
 of Mon. No. 96

Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for closing
 cor of fracl sec 21 and 22,
 marked C. C. S 24 S, R 22 E on N,
 See on E

S 21 on W and

M 6 E X on S face; dug pits
 24 x 18 x 12 ins, crosswise on each
 line, E and W 3 ft, and N of
 post 7 ft dist, and raised a
 mound of earth 4 ft base, 2
 ft high, N of cor.

Land, rolling

Subdivision of T24 S, R22 E - continued

Chains

Soil, gravelly; 5th rate
No timber.

September 20, 1901.

September 21, 1901. At 7^h 50^m p.m.
Cmt, B set off 31.20 on the lat
arc. 0.50' N on the decl one, and
determine a true meridian with
the solar at the cor of secs 4, 5,
32 and 33 on the N bdy of the
T₂₄, as heretofore described.

Plumce Pyramid

S 0° 00' E, bet secs 4 and 5
Our best land

8.40 Road, brass. NE and SW

4.00 Set a redwood post, 3 ft long, 4
ins sq, with marked stones, 24
ins in the ground, for 4 sec
cor, marked # 1 S on W and S
4 on E faces; dug pits 18x18x12

Subdivision of Sec 4 S, R 22 E - continued
Chains

- 45.00 4 ins, N end S of post, 3 ft dist, and
raised a mound of earth 3 1/2 ft
base, 1 1/2 ft high, W of cor.
- 59.84 Wood fence, bears E end W
- 8.000 Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for cor of secs 4, 5,
8, and 9, marked
R 24 S 4 on NE,
R 22 E, S 9 on SE
S 8 on SW and
S 5 on NW faces with 4 notches
on E and 5 notches on S edges,
dig pits 18x18x12 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, level
- Soil, sandy, and gravelly; 2nd

Subdivision of Twp 4 S. R. 22 E. Continued

Chains

and 3rd rate
No timberEast on a random line bet secs
4 and 9

4.00 Set temp 4 sec cor

8.04 Intersect N and S line at cor
of secs 3, 4, 9, and 10.

Shore Pine

West on a true line bet secs
4 and 9Over level and rolling land
through scattering Tisota un-
dergrowth2.00 Descend from mesa, enter draw,
bear NW and leave scattering
undergrowth.29.00 Leave draw and ascend low
ridge, bear N and S.

Subdivision of Sec 4 S. 22 E. - continued

- | | |
|-----------------|---|
| Chains
40.00 | Top of ridge. Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground for 4 sec cor, marked 4 S 4 on N and S 9 on S face; dug pits 18 x 18 x 12 ins, N and S of post, 3 ft dist, and raised a mound of earth 6 1/2 ft base, 1 1/2 ft high, N of cor. |
| 41.00 | Descend, and enter San Pedro Valley, bears NE, |
| 41.30 | Road, bears NE and SW, |
| 42.00 | House, bears 6 chs S. |
| 42.10 | Wire fence, bears NE and SW and enter tall vacaton grass, bears N and S. |
| 43.00 | San Pedro wire, 2.50 chs wide, course, northwly |
| 80.04 | The cor of secs 4, 5, 8 and 9 |

Subdivision of Sec 8, R 22 E - Continued

Chamie Land level and rolling
 Soil, black loam and sandy, 1st
 and 2nd rates
 No timber, treets and tall sacaton
 grass.
 Dense undergrowth, 57.00 chs.

S 000' E bet secs 8 and 9
 Over level bottom land

Through tall sacaton grass

4.00 San Pedro river, 2 chs wide, course
 N easterly

14.80 Win Pine, bears E and W

38.00 Level bottom land and tall sacaton
 grass, bears NE and SW, and some
 scattering mesquite

4.00 Set a redwood post 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for 1/4 sec cor.

Subdivision of P 24 S, R 22 E - continued

Chains

- marked 4 S 8 on W, and S 9
on E faces; dug pits 18x18x12 1/2
ins, N and S of post, 3 ft. dist,
and raised a mound of earth
3 1/2 ft base, 1 1/2 ft high; W 4
cor.
- 47.50 House, brass 3 ch E.
- 57.10 Grass scattering mesquite un-
dergrowth
- 67.47 Wire fence, brass E and W
- 71.82 Wire fence, brass NE and SW
- 79.82 Road, brass NE and SW
- 80.00 Set a redwood post, 3 ft long, 4
ins sq. with marked stone 24
ins in the ground, for cor of
secs 8, 9, 10 and 17, marked
P 24 S, S 9 on NE
R 22 E, S 10 on SE
S 17 on SW, and

Subdivision of Sec 8, T22E, R22E - continued.

Chains

S. 8.00 N. W. faces with 4 notches
in E. and S. edges, and pits 18" x 18" x 2"
ins in each sec, 5' ft dist, and
raised a mound of earth 4 ft

base 2 ft high. ^{Spinalis not. 55 trans S 55° W. 25 chs} Pop. cor
and level and gently rolling
Soil, black loam, sandy ^{2nd} gravelly
1st, 2nd, and 3rd rates.

No timber, undergrowth, scat-
tering mesquites and tall sacot
grass

Done undergrowth 88.00 chs.

East on a random line bet
secs 9 and 16

40.00 Set temp 4 sec cor

80.04 Intersect N. and S. line 4 chs
N. of cor of secs 9, 10, 15, and 16
Plumer 3 min

Subdivision of Sec 4 S. 22 E. Continued.

Branch N 89° 55' W, on a true line bet
secs 9 and 16.

Over rolling land

through dense mesquite under
growth

38.00 Leave dense undergrowth branch
S E, and N W, and enter draw,
branch N W

46.00 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S 9 on N and S 16 on
S faces; dig pits 18 x 18 x 12 ins,
E and W of post, 3 ft dist, and
raised a mound of earth $3\frac{1}{2}$ ft
base, $1\frac{1}{2}$ ft high, N of cor.

47.00 Leave draw and enter gently
rolling land.

77.00 Leave mesa and descend to San

Subdivision of Sec 1, Bee Co - Continued

Chain

Grass valley, bears NE.

8.004

The cor of secs 8, 9, 16 and 17

Land, rolling and level

Soil, sandy and gravelly; 2nd and 3rd rates

No timber; undergrowth, mesquite
Dense undergrowth, 38.00 chs.

S 00° E, bet secs 16 and 17

Over level and rolling land

2.00

Grass valley, and water rolling
land

38.00

North fence, bears NE and SW

40.00

Draw, 8 chs wide, bears NW

Set a red wood post, 8 ft long, 4 ins
sq, with marked stone, 24 ins in

the ground, for 1/4 sec cor, marked
S 17 on W and S 16 on E face,
dig pits 18 x 18 x 12 ins, N and S of

Subdivision of P 24 S 22 E - Continued
 Charms

post, 3 ft. dist, and raised a mound
 of earth 3 ft base, 1 1/2 ft high,
 W of cor.

5850 Draw, brass NW

8000 Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24 ins
 in the ground, for cor of sec
 16, 17, 20 and 21, marked

P 24 S, S 16 on NE

Cor 20, S 21 on SE

S 20 on SW and

S 17 on NW faces with 4 notches
 on E and 3 notches on S edges,
 dug pits 18 x 18 x 125 ins, in each
 sec, 50 ft. dist, and raised a
 mound of earth 4 ft base, 2 ft
 high, W of cor.

Band, level and rolling

Soil, sandy, and gravelly; 2 and

Subdivision of Sec 4, T 22 S, R 22 E - continued.

Chains

3rd rate.

No timber, undergrowth, scat-
tering mesquites.S 89° 58' E, on a random line bet
secs 16 and 21.

4 0.00

Set temp 7 sec cor.

8 0.10

Intersect N and S line 15 lbs N
of cor of secs 15, 16, 21 and 22,
Thence byN 89° 52' W, on a true line bet secs
16 and 21.

1.00

Over level and gently rolling land
Draw draw and enter gently rolling
mesa

4 0.00

Set a redwood post, 3 ft long, 4
ins sq, with marked stone 24 ins
in the ground for 7 sec cor, marked
7 S 16 on N and 21 on S faces.

Subdivision of Sec 24 S. R. 22 E. Continued
 Chains

- dig pits 18x18x12 ins, E and W of
 post, 3 ft dist, and raised a mound
 of earth 3 1/2 ft base, 1 1/2 ft high, N
 of ea.
- 48.65 Wire fence bars NE and SW
- 80.10 The ea of sec 16, 17, 20 and 21
 Land level and gently rolling
 Soil, sandy and gravelly; 2nd and
 3rd rates.
 No timber

Sec 21 E, bet ^{land} sec 20, and 21

Over rolling land

- 12.49 Wire fence bars E and W
- 12.50 Interest International Poly Line
 bet the United States and Republic
 of Mexico, 4.44 chs N of Mon.
 No. 97.
 Set a redwood post, 3 ft long, 4 ins

Submission of S 24 & B 22 E - continued

Chairs

sq. with marked stone, 24 ins in
the ground, for closing cor. of
frac. 20 and 21, marked
C.C. S 24 & B 22 on N
S 21 on E

S 20 on W and

MEX on S face, long pits
24 x 18 x 12 ins, crosswise on each
line, E and W 3 ft, and N of
post, 7 ft dist, and raised a
mound of earth 4 ft base, 2 ft
high, N of cor.

Land, rolling.

Soil, gravelly, 3rd rate

No timber.

September, 21, 1901.

September 23, 1901. At 7^h 15^m a.m.,
Cm't, Post off 21, 28 in the lat

Subdivision of P²⁴ S. P²² E. Continued

Chains

are, 0.03' N on the oval arc, and
determine a true meridian with
the solar at the end of secs 5-6-31
and 32, on the N. side of the N², as
heretofore described.

Placed Iron

S. 0.03' E, bet secs 5 and 6
Over level land

.50 Road, bears E and W

44.00 Set a pecan wood post, 3 ft long, 4 in
sq, with marked stumps, 24 in in
the ground, for $\frac{1}{4}$ sec cor, marked
N S on W, and S on E faces,
and puts 18 x 18 x 12 in, N and S of
post, 3 ft dist, and raised a mound
of earth 3 in ft, 1 1/2 ft high, W
of cor.

52.27 Road, bears N E, and S W

72.60 Wash, 6 lbs wide, error

Subdivision of Sta S. Rec E - continued.

Chains

easterly

8.000

Set a redwood post 3 ft long, 4 sq. with marked staves, 4 ins in the ground, for cor of sees 5, 6, 7 and 8, marked

S 24 S, S 5 on NE

Rec E, S 8 on SE

S 7 on SW and

S 6 on NW face with 5 notches on E and S edges, drng pit 18 x 18 x 12 ins in each sec, 5 ft dist, and raised a mound of earth 4 ft base, 2 ft high, W of cor.

Band level

Soil, sandy and gravelly; and and 3rd grade

No timber

Cast on a random line bet sees 5 and 8

Subdivision of T24 S, R22 E - continued

Charris

40.00

Set temp 4 sec cor

80.22

Enter sect N and S line at cor
of secs 4, 5, 8 and 9.

Blance Corn

Not mature line bet secs 5
and 8.

Over level land

10.40

25.00

40.11

Dr. pines, brns NE and SW
Road bears N and S

Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24 ins
in the ground, for 4 sec cor,
marked 4 S on N and S 8 on

S face; dug pits 18 x 18 x 12 ins, E
and W of post, 3 ft dist, and raised
a mound of earth 3 1/2 ft base, 1 1/2

ft high, N of cor

60.00

Leave valley

80.22

On cor of secs 5, 6, 7 and 8

Land, level

Soil, gravelly; 3rd patel.

No timber

Subdivision of Sec 24 S. 1622 E. - Continued:

Chains	West on a random line bet secs 6 and 7
40.00	Set trap # 112 cor
79.60	Intersect N bdy of M at the cor of secs 1, 6, 7 and 10
	Thence S 100m
	East on a true line bet secs 6 and 7
	Over gently rolling and level land
32.00	Land. N. E. and S. W.
39.60	Set a redwood post 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for 1/4 sec cor, marked 1/4 S 6 on N and S 7 on S face; dug pits 18 x 18 x 12 ins, E and W of post, 3 ft dist, and raised a mound of earth 3 1/2 ft base 1 1/2 ft high, ^{N.} W. of cor.
79.60	The cor of secs 6, 7 and 8.

Subdivision of S 24 S 16 22 E - continued
 Charris

Land level and gently rolling
 Soil, gravelly; 9th grade.
 No timber.

S 0° 03' E, bet sec 7 and 8
 Over level land

4.000 Set a redwood post, 3 ft long,
 4 ins sq, with marked stone, 24
 ins in the ground, for 4 sec cor,
 marked 4 S 7 on W and S 8 on
 E faces; dig pits 18 x 18 x 12 ins, N
 and S of post, 3 ft dist, and raised
 a mound of earth 3 1/2 ft base 1 1/2
 ft high, W of cor.

8.000 Set a redwood post, 3 ft long, 4 ins
 sq, with marked stone, 24 ins in
 the ground, for cor of sec 7, 8
 17, and 18, marked
 S 24 S, S 8 on NE

Subdivision of Sec 8, T22 E Continued.

Shiners

R22 E, S17 on S E
 S 18 on S W and
 S 4 on N W faces with 5 notches
 on E and 4 notches on S edges.
 dug pits 8x8x12 ins in each sec,
 5 ft dist; and raised a mound
 of earth 4 ft base, 2 ft high, 10
 of sec. ^{from which mosquitos are bred}
 Land, level

Soil, granly, 2nd and 3rd rates
 No timber.

East on a random line bet sees
 8 and 17

40.00 Set trap 4 sec cor

80.20 Intersect N and S line at cor
 of sees 8, 9, 16 and 17

Shiner Opium

West on a true line bet sees

Submission of Per S, Per E Continued

Charris

- 8 and 17
 Over level land
- .10 Road, bars N.E. and S.W., and
 enters San Pedro valley, bars
 northerly
- 4.70 Wire fence, bars N.E. and S.W.
- 15.00 Enter tall sacaton grass, bars N
 and S
- 40.10 Set a premeasured post, 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for $\frac{1}{4}$ sec cor,
 marked $\frac{1}{4}$ S 8 on N and S 17 on
 S faces, dug pits 18x18x12 ins, E
 and W of post, 3 ft dist, and raised
 a mound of earth $3\frac{1}{2}$ ft base,
 $1\frac{1}{2}$ ft high, N of cor.
- 57.00 San Pedro river, 2.40 chs wide,
 course, northerly, and leave bottom
 land, and tall sacaton grass

Subdivision of Sec 1, R22E - Continued

- Cherms
6.000 Enter scattering mesquite under-
growth, bars N and S.
- 61.00 Palermas ranch houses, formerly
known as Ochavillo, bar 1. Sh
N N.
- 76.75 - Wire fence, bars NE and SW
- 76.90 Road, bars NE and SW
- 80.20 The cor of secs 7, 8, 14 and 18
Land, level
Soil, black loam; 1st rate
No timber, undergrowth, mesquite
and sacaton.
Dense undergrowth, 4200 cbs
September 23, 1901.

September 24, 1901. At 7^h 40^m a.m.,
I run t. P set off 31,21' on the lat
arc, 9,14' S on the decl arc, and
determine a true meridian with

Subdivision of Sec 1, R 22 E - Continued

Chains

- the solar at the cor of sec
7, 8, 17, and 18
Shiner Brun
West on a random line bet sec
7 and 18
- 4.5.00 Set trip 4 sec cor
- 7.9.70 Intersect W bdy of M¹ 2 lks N
of cor of sec 7, 12, 13 and 18
Shiner Brun
N 89° 59' E, on a true line bet sec
7 and 18.
Over level land
- 8.9.70 Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 2 1/2 ins in
the ground, for 4 sec cor, marked
1/4 S 7 on N and S 18 on S face;
dig pits 18 x 18 x 12 ins, E and W
of post, 3 ft dist, and raised a
mound of earth 3 1/2 ft base, 1/2

Concluded, Book 990.

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