

SUBDIVISIONS

T 23 S R 22 E

CONTRACT N° 57

PHILIP CONTEEN

U. S. DEP. SUR.

I.

BOOK 983

No. 983

4-671

FIELD NOTES
GENERAL LAND OFFICE.

983

Field Notes No. 983

Of the survey of the

Subdivision Lines

of
Township No. 23 South,Range No. 22 East
of theGila and Salt River Basins^{and} Meridian

in the

Territory of Arizona

As surveyed by

Philip Guntzen

U. S. Deputy Surveyor

Under his contract No. 87.

Dated August 24, 1901.

Survey commenced September 30, 1901

Survey completed October 12, 1901.

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Subdivision of T²³S, R²²E - Continued
Chains

Survey commenced September 30,
1901, and executed with a W. & L. E.
Tudley light meridian transit No
4607, ^{revised solar constant} as heretofore described by me.

Before commencing the subdivision
of this township I first came on the
meridian established by me Sept.
15, 1901, at the corner of T²³S and R²⁴
E, R²² and R²³E, and I find my in-
strument in good adjustment. Thence
I proceed to the corner of sec 1, 2, 35
and 36 on the S bdy of the R²⁴ and
at 8^h 40^m a.m. I set off 31²/₃ on
the lat arc, 2° 40' S on the decl arc
and determine a true meridian
with the solar at the above cor.
Thence I run

N. 0.01 N, bet sec 35 and 36.
Over level and rolling land

Subdivision of S 23 S, R 22 E - continued
Chains

- Through dense sagebrush and
tesota undergrowth.
- 8.60 Wash, 10 lbs wide, 8 ft deep, course
westerly.
- 12.00 Leave valley, bears E and W
- 4.000 Set a redwood post, 3 ft long, 4
ins sq, with marked stones, 24 ins
in the ground, for $\frac{1}{4}$ sec, cor.
marked $\frac{1}{4}$ S 35 on W and S 36
on E faces; dig pits 18x18x12 ins,
N and S of post, 3 ft dist, and
raise a mound of earth $3\frac{1}{2}$ ft
base, 12 ft high, W of cor.
- 8.000 Set a granite stone 18x12x10 ins, 12
ins in the ground, for cor of secs
25, 26, 35 and 36, marked with 1
notch on S and E edges; dig
pits 18x18x12 ins in each sec, $5\frac{1}{2}$
ft dist, and raise a mound of

Subdivision of Sec 31, R22E - Cont'd.

Chairs

8 with 4 ft base, 2 ft high, W of cor.

Level, level, and rolling

Soil, sandy and gravelly, 2^d and 3^d rates.

No timber, undergrowth, sagebrush and tussocks.

Dense undergrowth, 80.00 chs.

East on a random line bet secs 25 and 36.

40.00

Set trip 1/4 sec cor.

80.08

Intersect E bdy of Sec at cor of secs 25, 30, 31 and 36, as heretofore described.

Shiner Burn

West on a true line bet secs 25 and 36.

Over level and rolling land.

Subdivision of S 23 S, R 22 E - Continued

Chains

Through dense undergrowth.

4004

Set a rounded post, 3 ft long, 4
 ins sq, with marked stens, 24
 ins in the ground, for $\frac{1}{4}$ sec cor,
 marked $\frac{1}{4}$ S 25 on N and S 36
 on S faces; dig pits 18x18x12 ins
 E and W of post, 3 ft dist, and
 raise a mound of earth 3 $\frac{1}{2}$ ft
 base, 1 $\frac{1}{2}$ ft high, N of cor, from
 which a mesquite 6 ins diam,
 bears S. 27° W, 243 lks dist, marked
 $\frac{1}{4}$ S 36, B. 7.

8008

The cor of secs 25, 26, 35 and 36.
 Land, level and rolling.

Soil, sandy and gravelly; 2 and
 3 $\frac{1}{2}$ rats.

No timber; undergrowth, sagelike
 and tesota.

Dense undergrowth, 8008 chs

Subdivision of P 25 S, R 22 E - continued
 Chains

- 35.00 N 001° W bet sec 25 and 26.
 Over level and rolling land
 through dense undergrowth
- 36.00 Enter draw, course N westerly
- 36.10 Road, bears N W and S E.
- 42.00 Set a redwood post, 3 ft long, 4 ins sq,
 with marked stone, 2 1/2 ins in the
 ground, for 1/4 sec cor, marked 1/4
 S 26 on W and S 25 on E faces;
 dig pits 18x18x12 ins, N and S of
 post, 3 ft dist, and raise a mound
 of earth 3 1/2 ft base, 1 1/2 ft high,
 W of cor.
- 47.00 Road, bears N E and S W
- 50.00 Leave draw and enter rolling land.
- 61.95 Road to Packard's station, bears
 N E and S W
- 80.00 Set a redwood post, 3 ft long, 4 ins
 sq, with marked stone, 2 1/2 ins in

Subdivisions of S 23 of R 22 E - Continued
 Chains

the ground, for cor. of secs 23, 24, 25
 and 26, marked

S 23 S, S 24 on NE

R 22 E, S 25 on SE

S 26 on SW, and

S 23 on NW faces, with 2 notches
 on S and 1 notch on E edges, dig
 pits 18 x 18 x 12 ins in each sec, 50
 ft. dist, and raise a mound of
 earth 4 ft base, 2 ft high, W
 of cor.

Land, level and rolling.

Soil, sandy and gravelly, 2. P. and
 S. prairie

No timber, undergrowth, tesota,
 sagebrush, and mesquite.

Dense undergrowth, 8,000 lbs.

East on a random line bet secs 24

Subdivision of T23 S, R22 E - Continued
Chains

- and 25.
- 4000 Set temp $\frac{1}{4}$ sec cor.
- 80.10 Intersect E bdy of $\frac{1}{4}$ Sec 4 S of cor of secs 19, 24, 25 and 30, as heretofore described.
- Wena: Sound
- S89°58' W, on a true line bet secs 24 and 25.
- Over level and rolling land through dense mosquito undergrowth.
- 39.10 Set a wooden post, 3 ft long, 4 ins sq, with marked stone, 27 ins in the ground for witness cor to $\frac{1}{4}$ sec cor marked N $\frac{1}{4}$ S 24 on N and S 25 on S faces; dig pits 18 x 18 x 12 ins E and W of post, 3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, N of cor.
- 40.05 This point for $\frac{1}{4}$ sec cor falls in

Subdivision of T23 S, R22 E - Continued
Chairs

small gully, 5 lbs wide, courses
directly S. easterly

40.15-

49.00

80.10

Old road bears N E and S W

Road bears N. East S. W.

The cor of secs 23, 24, 25 and 26.

Land, level and rolling

Soil, sandy and gravelly; 2^d and
3^d rates.

No timber; undergrowth, mosquito,
sagebrush, and locs.

Dense undergrowth, 80.10 Chs.

September 30, 1901.

October 1, 1901. At 7^h 00^{am}, I went to
I set off 31.25 on the lat arc, 3.048
on the decl arc, and determined a
true meridian with the solar at
the cor of secs 23, 24, 25 and 26.

Shiner Dam

No. 01 N, lat secs 23 and 24.

Subdivision of P23 S P22 E - Continued

Chain

- Over level and gently rolling land
 Through dense mesquite undergrowth
- 26.00 Enter dense sagelmsh and brush
- 38.00 Road, bears E and W to Oaklands
- 40.00 Set a redwood post, 8 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ Sec on W and S 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 56 ft base, 12 ft high, W of cor
- 49.00 Enter draw, course N westerly
- 53.50 Wash, 80 lbs wide, course S westerly
- 57.00 Leave draw, and ascend over spur of mesa, bears N W and S E
- 62.00 Descend and enter draw, course westerly
- 66.00 Leave draw and ascend to rolling

Subdivision of S. 33 T. 132.2 E - continued

Chains

8.000 Set a limestone $18 \times 18 \times 6$ ins, 12 ins
in the ground, for cor of sees 13,
14, 23 and 24, marked with 8 notches
on S and ^{1 notch on} E edges; dig pits $18 \times 18 \times 12$
ins in each see, 5 ft dist, and
raise a mound of earth 4 ft
base, 2 ft high, W of cor.
Land, level and gently rolling
Soil, sandy and gravelly; Sand
& Grate.

No timber; undergrowth, mesquite,
sagebrush, brack and grasswood.
Dense undergrowth, 2000 lbs.

N. 89.58° E on a random line bet
sees 13 and 24.

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

80.10 Intersect E body of S. 14 Chs S of

Subdivision of P 23 S 22 E - continued
Chains

at point of secs 13, 18, 19 and 24,
as heretofore described.

Thence S 70m

S 89.52' W (from cor. point in wash),
on a true line bet secs 13 and 24,
Over rolling land.

Through dense sagebrush and trees

80.00

Draw, 4 chs wide, course S westerly

40.05

Set a limestone 18x12x8 ins, 12 ins in
the ground, for $\frac{1}{4}$ sec cor, marked
13 on N and 24 on S faces, and
raised a mound of stone 2 ft base,
1 1/2 ft high, N of cor. It is im-
practicable.

80.10

The cor of secs 13, 14, 23 and 24.

Land, rolling

Soil, sandy and gravelly; 2' under
P. natl.

No timber; undergrowth, sagebrush,

Subdivision of Sec 1, R 22 E - Continued
Chains

tesota and grasswood.
Dense undergrowth, 8 a 10 lbs.

N. 01 W, bet secs 13 and 14.

Dry rolling land.

Through dense tesota, sagebrush and
grasswood.

13.83 Road to Tacklands, bears NE and SW

4000 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 14 on W and S 13 on E faces;
dig pits 18 x 18 x 21 ins, N and S of
post, 3 ft dist, and raise mound
of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, W
of cor.

8000 Set a limestone 18 x 10 x 6 ins, 12 ins
in the ground, for cor of secs 11,
12, 13 and 14, marked with 4 notches

Subdivision of Sec 1, R22 E - Continned

Chains

on Sand 1 notch on E edges, and
raised a mound of stone 2 ft base,
1 1/2 ft high, W of sec. Pitts impracticable
land rolling.

Soil, gravelly and sandy; 2^d and
3^d rates.

No timber, undergrowth, tree, etc.,
sagebrush and grasswood.

None undergrowth, 8,000 lbs.

N 89° 50' E on a random line bet
secs 12 and 13.

4,000 Set temp 4 sec cor.

79.90 Intersect E bdy of Sp 4 lts Sof
cor point of Secs 7, 12, 13 and 18.
as previously specified

Signer from cor. point

S 89° 50' W (from cor point in wash)
on a true line bet secs 12 and 13.

Over rolling land.

Subdivision of T23 S, R22 E - Continued

Chains

Through dense sagebrush and
mesquite.

.50 Wash, 30 lbs iron, corner S westerly.

39.95

Set a redwood post, 3 ft long, 4
ins sq, with marked stones, 24
ins in the ground, fourth sec cor,
marked 4 S 12 on N and S 13 on
S faces; dig pits 18x18x12 ins, E
and W of post, 3 ft dist, and pair
a mound of earth 3 ft base, 1 1/2
ft high, N of cor.

79.90

The cor of secs 11, 12, 13 and 14.

Land, rolling.

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

No timber; undergrowth, sage-
brush and mesquite.

Dense undergrowth, 79.90 chs.

October 1, 1901.

Subdivision of T23 S, R22E - Continued

Chains

October 2, 1901. At 7^h 55^m a.m. on Oct,
 P set off 31.27' on the lat arc; 32.27' S
 on the decl arc and determine a
 true meridian with the solar or
 the cor of secs 11, 12, 13 and 14.

Shiner's Corn

N. C. 11, bet secs 11 and 12.

Over rolling land.

Through dense sagelmsh and tota

4000 The point for $\frac{1}{4}$ sec cor falls in
 wash, so the wire, corner N. westerly

4200 Set a limestone 18x12x8 ins, 12 ins in
 the ground, for $\frac{1}{4}$ sec cor, ^{1 witness cor to} marked

^{N.C.}
 $\frac{1}{4}$ 11 on W and 12 on E face; dig
 pits 18x18x12 ins, N and S of stone, 3
 ft. apart, and raise a mound of earth
 3 1/2 ft base, 1 1/2 ft high, N of cor.

8000 Set a limestone 18x12x8 ins, 12 ins
 in the ground, for cor of secs 12,

Continuation of T 33 S, R 22 E - Continued
 Chains

11 and 12, marked with 5 notches
 on Sand 1 notch on E edges; dig
 pits $18 \times 18 \times 12$ ins in each sec, 5
 ft dist, and raise a mound of
 earth 4 ft base, 2 ft high, W
 of cor.

Land, rolling.

Soil, gravelly; 8th rate.

No timber; undergrowth, sage
 brush and tundra.

Woods undergrowth; 8,000 chs

N 89° 50' E, on a random line bet
 secs 1 and 12.

4000 Set temp 1/4 sec cor.

79.84 Intersect E bdy of T 4 lbs N of
 cor of secs 1, 6, 7 and 12, as here to
 four described.

Glenn Brown

Subdivision of S23, R22, E - continued

Chains S89.52' N, on a true line bet secs 1 and 12.

Over rolling land

Through dense tesota, sagebrush and mesquite

3992 Set a monument 18x12x8 in, 12 in in the ground, for 1/4 sec cor, marked 4 on N and 12 on S face; dig pits 18x18x12 in, E and W of stone, 3 ft dist, and raise mound of earth 3 1/2 ft base, 1 1/2 ft high, N of cor.

79.84 Pl. cor of secs 1, 2, 11 and 12.

Land, rolling

Soil, gravelly; G. soil

No timber; undergrowth, tesota, sagebrush and mesquite.

Dense undergrowth, 79.84 ch.

N.0.01' N, on a random line bet secs

Subdivision of Sec 1, T22E, R22E - Continued

Chains

1 and 2.

4000 Set temp $\frac{1}{4}$ sec cor.S.C. 12 Intersect N body of $\frac{1}{2}$ sec 12 E of
cor of secs 1, 2, 35 and 36 as here before
described.

Thinner Prism

S.C. 12 E on a true line bet secs
1 and 2.

Over rolling land.

Through dense sagebrush and
trout23.12 Wash, 50 lbs wide, courses $\frac{1}{2}$ westward40.12 Set a limestone $18 \times 10 \times 6$ ins, 12 ins
in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ 2 on W and 1 on E faces; dig
hole $18 \times 18 \times 12$ ins, N and S of
stone, 3 ft dist, and raise a
mound of earth 3 ft base, $1 \frac{1}{2}$
ft high, N of cor.

Subdivision of P 23 S, R 22 E - Continued

Chains

80.12

The cor of secs 1, 2, 11 and 12.

Land; rolling.

Soil, sandy and gravelly; 2nd and 3^d rates.

No timber; undergrowth, sagebrush and Tescota.

Enter undergrowth, 80.12. Sh

October 2, 1901.

October 3, 1901. At 7^h 30^{min} a.m., l.m.t.,
 I set off 31° 25' on the lat arc, 3° 50' S
 on the decl arc, and determined a true
 meridian with the solar at the cor
 of secs 2, 3, 34 and 35 on S 1/4 of
 the 1/4, as heretofore described.

Placer 8, 7m

N 0° 01' W, bet secs 34 and 35.

Over rolling land.

2.00

Enter dense sagebrush and Tescota.

Subdivision of Sec 23 S, R 22 E - Continued

Chains 1.16	Read bears NW and SE
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 34 on W and S 35 on E faces; dig pits 18x18x12 ins, N and S of post, 3 ft dist, and raise a mound of earth 32 ft base, 20 ft high, W of cor.
7.000	Revealed to gallery, bears NW
7.1.05	Push, 16 lbs or more, course N westerly.
8.000	Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 26, 27, 34 and 35, marked S 23 S, S 26 on NE R 22 E, S 35 on SE S 34 on SW and S 27 on NW face, with 1 notch

Subdivision of T₂₀ S R₂₂ E - continued
Chains

on Sand & notches on E edges;
dig pits 18x18x12 ins in each sec,
5²/₂ ft dist, and raise a mound
of earth 4 ft base, 2 ft high, W
of cor.

Land, rolling.

Soil, gravelly; 2 Sand & 3 Gravel.

No timber, undergrowth, tracts
and sagebrush.

Dense undergrowth 78.00 chs.

East on a random line bet secs
26 and 35.

40.00 Set trap 4 sec cor.

80.00 Intersect N and S lines 3 lbs S of
cor of secs 26, 26, 35 and 36.

Wm. Grim

S 89.59' W, on a true line bet secs
26 and 36.

Subdivision of Sec 3 S. 1022 E. - continued

Chains

Over level and rolling land

Through dense sagebrush and tsetse.

4.000

Set a redwood post, 3 ft long, 4 ins sq, with marked stave, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 26 on N and S 35 on S face; dig pits 18x18x12 ins, E and W of post, 3 ft dist, and raise a mound of earth 32 ft base, 12 ft high, N of cor.

69.40

Over dense sagebrush and tsetse, bears E and W.

8.000

Thru cor of secs 26, 27, 34 and 35.

Land level and rolling.

Soil, gravelly; 2^d and 3^d rates.

No timber; undergrowth, sagebrush and tsetse.

Dense undergrowth, 69.40 chs.

No. 01 N, bet secs 26 and 27.

Subdivisions of P₂₃ S, R₂₂ E - continued

Chains

Over rolling lands.

- 2.60 Road, bears N W and S E
- 3.00 Enter dense tract, bears E and W
- 23.50 Road, bears N E and S W
- 24.00 Road, bears E and W, junction of roads, bears to the SE.
- 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 S 27 on W and S 26 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' x ft base, 1' ft high, W of cor.
- 61.87 Road, bears N W and S E
- 8.000 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 22, 23, 26, and 27, marked

Subdivision of Sec 23 S, R 22 E Continued

Chains

Sec 23 S, Sec 23 on NE
 Sec 22 E, Sec 26 on SE
 Sec 27 on SW, and
 Sec 22 on NW faces, with a notch
 on Sand & edges; dig pits 18x18x12
 ins, in each sec, 50 ft dist, and
 raise a mound of earth 4 ft base,
 2 ft high, W of cor.

Land, rolling.

Soil, gravelly, 3^d natr.

No timber; undergrowth, sagelush.

Dense undergrowth, 77.00 chs.

N 89.59° E, on a random line bet-
 sees 23 and 26.

40.00

Set temp 4 sec cor

80.04

Intersect N and S line 5 chs
 N of cor of sees 23, 24, 25 and 26.
 Hence Perm

Submission of S 23 & R 22 E Continued

Chains N 89° 59' W on a true line bet secs
23 and 24.

Over level and gently rolling land
through dense mesquite.

35.00 Grass mesquite and other dense
tsetse and sagelush.

40.02 Set a reduced post, 3 ft long, 4
in sq, with marked stone, 24 in
in the ground, for $\frac{1}{4}$ sec 23, marked
 $\frac{1}{4}$ S 23 on N and Sec 24 on S face,
dig pits 18 x 18 x 12 in, E and W
of post, 3 ft dist and raise mound
of earth 3 ft base, 1 ft high, N
of sec.

8.004 S.W. cor of secs 22, 23, 26 and 27.

Land, level and gently rolling.
Soil, sandy and gravelly; 2nd and
3rd natl.

No timber, undergrowth, tsetse,

Subdivision of P23 & P22 E - continued

Chains

sagebrush and mesquite.

Crossed undergrowth, 8.00 # Chis
October 3, 1901.

October 4, 1901. N. 0.1 W, bet
secs 22 and 23.

Over rolling land

through dense sagebrush.

4.00

Set a redwood post, 3 ft long, 4 ins
sq, with marked stumps, 24 ins in
the ground, for 4 sec cor, marked
7 Sec on W and Sec 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 1/2 ft base, 1 1/2 ft high,
W of cor.

79.00

Descend, cross E and W

8.00

Set a redwood post, 3 ft long, 4
ins sq, with marked stumps, 24 ins

Subdivision of Sec 3 S. R. 22 E - Continues

Chains in the ground, for cor of secs 14,

15, 22 and 23 marked

Sec 3, S 14 on NE

R 22 E, Sec 3 on SE

S 22 on S W Pond

S 15 on NW face, with 3 notches

on S and 2 notches on E edge; dig

pit 18x18x12 ins in each sec, 5 ft

dist, and raise a mound of earth

4 ft base, 2 ft high, W of cor.

Land, rolling.

Soil, gravelly; 2^d and 3^d rates.

No timber; undergrowth, sagebrush.

Dense undergrowth, 8,000 Ch.

S 29, 29 E, on a random line bet secs

14, and 28.

4,000 Set trap # 4 sec cor

80.14 Intersect N and S line 2 hrs ⁴⁵

Subdivision of P 23 S, R 22 E - continued
Chains

cont of secs 13, 14, 23 and 24.

Since Same

Went on a tour and set
secs 14 and 23.

Over rolling land

Through dense sagebrush, tesota
and grasswood

40.07

Set a granite stone 18 x 12 x 6 ins, 12
ins in the ground, for # sec cor,
marked # 14 on N and 23 on S faces,
and raised a mound of stone, 2 ft
base, 1 1/2 ft high, N of cor. Pits
unpracticable.

42.80

Descend over stony ground.

50.10

Foot, and enter draw, course westerly

52.10

Road, bears N and S.

60.75

Wash, 60 lbs wide, course N westerly

67.75

Wash, 10 lbs wide, course N westerly

72.00

Leave draw and ascend

Subdivision of Sec 3 S. 1022 E - continued

Chains
80.14

Sta. 00 of sees 14, 15, 22 and 23.

Land rolling.

Soil, sandy and gravelly, 2^d and 3^d rate.

No timber, undergrowth, sagebrush, trestle, grasswood and mesquite.
Dense undergrowth, 80.14 chs.

Near W, bet sees 14 and 15.

Descending through dense sagebrush and grasswood.

- 5.00 Part of descent, bears E and W
8.50 Draw, 1 ch wide, course N westerly
10.81 Enter draw, course N westerly
12.50 Leave draw
15.50 Draw, 1 ch wide, course N westerly
17.00 Wire fence, bears NW and SE
29.85 Road, bears NW and SE
32.00 Leave level land and enter rolling mesa.

Subdivision of P 23 S R 22 E Continued

- Chains
- 36.00 Top of spur, bears E and W
- 36.50 Foot, and enter draw, course N mostly
- 38.50 Leave draw
- 41.00 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 15 on W and S 14 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 x 3 ft
 base, 1 x 1 ft high, W of cor.
- 62.00 Deep draw, 1 ch wide, course W mostly
- 81.00 Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for cor of secs
 10, 11, 14 and 16; marked,
 P 23 S, S 11 on NE
 R 22 E, S 14 on SE
 S 15 on SW and

Subdivision of P 23 S 16 R 2 E - Continued
Chains

Survey NW face, with 4 notches
on S and 2 notches on E edges; dig
pits 18x18x12 ins in each sec, 5 1/2
ft. dist, and raise a mound of
earth 4 ft base, 2 ft high; NW
of cor.

Land, rolling

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

No timber; undergrowth, sagebrush,
grasswood, teosote and mesquite.

Dense undergrowth, 8.000 chs.

East on a random line bet secs
11 and 14.

40.00 Set trip 1/4 sec cor.

80.16 Intersect N and S lines 4 lks S
of cor of secs 11, 12, 13 and 14.

Placed 8.000

Subdivision of S 23 S, R 22 E - continued
 Chains

S 89° 58' W, in a true line bet sees
 11 and 14.

Over rolling land.

Through dense tesota and sage
 brush.

4008 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 N and S 14 on S faces.
 dig pits 18 x 18 x 12 ins, E and W
 of post, 3 ft dist, and raise a
 mound of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft
 high, N of cor.

8016 The cor of sees 10, 11, 14 and 15.

Land, rolling.

Soil, gravelly; 3. Prats.

No timber; undergrowth, tesota
 and sagebrush.

Dense undergrowth 8016 ch.

Submission of T23 S R22 E Continued
Chains

October 4, 1901.

October 5, 1901. At 7:30 a.m. cont.
I set off 31.27' on the lat arc, 4.36 S
on the decl arc, and determine a
true meridian with the solar at
the cor of secs 10, 11, 14 and 15.

Werner Dunn

N. 0.01 W, bet secs 10 and 11.

Over rolling land.

Through dense sagebrush and timber.

27.10. Wash, 10 lbs wide, course S westerly
4.000 Set a red wood 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 10 on W and S 11 on E faces,
dig pits 18x18x12 ins. N and S of
post, 3 ft dist, and raise a mound
of earth 3 x ft base, 1 $\frac{1}{2}$ ft high.

Subdivision of T23S R22E - Continued

Chain

W of cor.

8.000

Set a granite stone 18x12x6 ins, 12 ins in the ground, for cor of secs 2, 3, 10 and 11, marked with 5 notches on S and 2 notches on E edges, and raised a mound of stone 2 ft base, 1 1/2 ft high, W of cor. Site impracticable.

Land, rolling.

Soil, sandy and gravelly; 2^d and 3^d rate.

No timber; undergrowth, sagebrush, trefoil, and greasewood.

Dense undergrowth, 8000 lbs.

N 82° 05' E, on a random line bet secs 2 and 11.

4.000

Set temp 4 sec cor.

8.014

Intersect N and S line 10 lbs S of

Subdivision of Sec 3 S. 22 E. Continued
 Chains

ca of secs 1, 2, 11 and 12.

Thence S 7 mi

S 89.54° W, on a true line bet secs
 2 and 11.

Over rolling land.

Through amaranth, sagebrush,
 mesquite and grasswood.

80.00 Set a granite stone 18x8x8 ins, 12
 ins in the ground, for $\frac{1}{4}$ sec cor,
 marked $\frac{1}{4}$ E, on N and 11 on S
 faces; from ^{which} a mesquite 3 ins diam,
 bears S, 55° E, 55 lbs dist, marked
 $\frac{1}{4}$ S 11 B. 7.

A mesquite 3 ins diam, bears N
 58° W, 41 lbs dist, marked $\frac{1}{4}$ S 2,
 B. 7.

80.14 The cor of secs 2, 3, 10 and 11.

Land, rolling.

Soil, gravelly; 3^d rate.

Subdivision of S23 T. 22 E. Continued
Chains

No timber, trestle, sagelush, mes-
quite and grasswood.

Dense undergrowth, 80.14 chs.

N. 01' W, on a random line bet
secs 2, and 3.

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

80.24 Intersect N. body of the Sp 16 chs
E of the cor of secs 2, 3, 34 and 35,
as heretofore described.

Thence S. 70' W

S. 08' E, on a true line bet secs
2 and 3.

Over rolling land.

Through dense trestle, sagelush
and grasswood.

40.24 Set a limestone 18 x 10 x 6 ins, 12 ins
in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ 3 on W and 2 on E faces; dig

Subdivision of Secs 1, 2, 3 & 4 - Continued
Chains

sets 18x18x12 in, N and S of stone,
3 ft dist, and raise around of
4 with 3 1/2 ft base, 1 1/2 ft, N of cor,
and enter draw, course S 71° 30' E.

50.00 Leave draw.

80.24 The cor of secs 2, 3, 10 and 11.

Land, rolling.

Soil, gravelly; 3° rate.

No timber. Undergrowth, tesota,
sagebrush and grasswood.

Dense undergrowth, 70.24 chs.

October 5, 1901.

October 6, 1901. At 7^h 40^m a.m., l.m.t.,
Set off 3123' on the lat arc; 5:00' S
on the decl arc, and determine a
true meridian with the solar at
the cor of secs 3, 4, 33 and 34, on the
S bdy of the Sp, as heretofore

Subdivision of S 23 S R 22 E - Continued

Chains

described.

Shiner Point

No. 02 N, lat 595 33 and 34.

Very level bottom land.

Through high section.

24.00 Wash, 15 chs wide, course easterly,
 fence northerly.

27.15 Recross above wash, course N westerly

28.00 To old house, bears 10 chs E

28.20 Recross above wash, course N easterly

31.00 Recross above wash, course westerly

34.00 Road, bears E and N

36.00 Recross above wash, course N easterly

40.00 Set a pine post, 3 ft long, 4 ins dia,
 with marked stave, 24 ins in the
 ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ S 33 on W, and S 34 on E faces;
 dig pits 18x18, 12 ins, N and S of
 post, and raise a mound of earth 3i

Subdivision of P₂₃ S P₂₂ E - continued

Chains

ft base, 12 ft high, W of cor.
 5000 Wire fence, bears E and W
 8000 Set a pin's post, 3 ft long, 4 ins sq,
 with marked stone, 24 ins in the
 ground for cor of secs 27, 28, 33
 and 34, marked

S₂₃ S, S₂₇ on NE

P₂₂ E, S₃₄ on SE

S₃₃ on SW and

S₂₈ on NW faces, with 1 notch
 on S and 3 notches on E edges,
 dig pits 18 x 18 x 2 ins in each sec,
 2 ft dist, and raise a mound
 of earth 4 ft base, 2 ft high,
 W of cor.

Land, level.

Soil, black and sandy loam
 1st rate

No timber; undergrowth, sycamores.

Subdivision of S 23 S, R 22 E - continued

Chains

Course underground 8000 chs.

East on a random line bet secs
27 and 34.

40.00 Set temp 4 sec cor.

80.00 Intersect N and S line 9 chs S
of cor of secs 26, 27, 34 and 35.

Thence S

S 89° 56' W on a true line bet secs
27 and 34.

Over level and rolling land

12.00 Wash, 90 chs wide, course N westerly,
thence S westerly

28.00 Recross same wash, course S westerly

29.00 Gravel draw, course S westerly
and ascend over spur of mesa

31.00 Road, bears ^{N. E. and S W} ~~N. E.~~ and ~~S W~~

39.00 Leave mesa and enter San
Pedro valley, course N easterly.

Subdivision of S 23 S. R. 22 E. Continued

Chains

40.10

Paraphery

Set a periphery stone 18x10x8 ins,
12 ins in the ground, fourth sec
cor. marked 4 27 on N, and 34 on
S faces, dig pits 18x18x12 ins, E
and W of stone, 3 ft. dist. and
raise a mound of earth 3 to
ft. base, 15 ft. high, N of cor.

41.00 Cross above road, bears W and S

42.50 Cross above wash, 1 ch. wide,
corner northly

45.00 Enter high Sacaton, bears N and S

50.00 Wire fence, bears N and S

80.20 Str. on of secs 27, 28, 33 and 34.

Land, level and rolling
Soil, black and sandy loam and
gravelly; 1st and 3rd rate.

No timber, undergrowth, scat-
tering mesquite and Sacaton.
Dense undergrowth, 50.00 Chs

Subdivision of P₂₃ S R₂₂ E - continued

Chains

- 1000⁰⁰ West of bet sees 27 and 28.
Over level bottom land,
through high sacaton.
- 2000⁰⁰ San Pedro river 150 chs wide,
course, northerly
- 4000⁰⁰ Set a pine post, 3 ft long, 4 ins sq,
with marked stones, 24 ins in
the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ S 28 on W and S 27 on E faces,
dig pit 18x18x12 ins, N and S of
post, 3 ft dist, and raise a mound
of earth 3 x ft base, 1 $\frac{1}{2}$ ft high,
W of cor.
- 4600⁰⁰ Ranch house, bars 6 chs W
- 5000⁰⁰ Left bank San Pedro river, bars
40 chs E
- 6300⁰⁰ Left bank San Pedro river, course
northerly, thence northeasterly
- 6600⁰⁰ Left bank San Pedro river, course

Subdivision of Sec 23 S. R. 22 E. - Continued

Chains

N. easterly.

8000

Set a pine post, 3 ft long, 4 ins sq, with marked stones, 24 ins in the ground, for cor of secs 21, 22, 27 and 28, marked

Sec 21, Sec 22 on NE

R. 22 E, S 27 on SE

Sec 28 on S. R. 22 E

Sec 21 on N. W. corner, with 2 notches on S and 3 notches on E edges, dig pits 18x18x12 ins in each sec, 5 ft dist, and raise a mound of earth 4 ft base, 2 ft high, W of cor.

Land level.

Soil, black and sandy loam, 1st and 2nd rates.

No timber, undergrowth, sweeten

R. 22 E undergrowth, 80.00 Chs.

Subdivision of Sec 3, T22 E - Continued

Chains 189°36'E, on a random line bet secs
22 and 27.

4000 Set temp $\frac{1}{4}$ sec cor.

8017 Intersect N and S line at cor
of secs 22, 23, 26 and 27.

Hence Run.

S89°06'W, on a true line bet secs
22 and 27.

Over gently rolling land.

Through dense sagebrush and
trestle

24.14 Road, bears NW and SE

36.25 Road, bears NE and SW

4008 $\frac{1}{2}$ Set a pine 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 22 on N and S 27 on S faces,
dig pits 18x18x12 ins, E and W
of post, 3 ft dist, and raise a

Subdivision of Sec 1, Res. E. Continued

Chains

- mound of earth 2 1/2 ft base, 1 1/2 ft high, N of cor. have dense sagebrush and mesquite, bars N and S, and enter tall sacaton, bars N and S.
- 48.00 Enter San Pedro valley
- 50.00 Wire fence, bars N and S
- 70.00 San Pedro river, 1 chain, converge, westerly.
- 80.17 N. cor. of sec 21, 22, 27 and 28, land level and gently rolling soil, black and sandy loam and gravelly; 1st and 2^d rats. No timber; undergrowth; sage brush, mesquite and sacaton. Dense undergrowth, 80.17 chs.

North, bet secs 21 and 22, low level bottom land.

Subdivision of Sec 1, T22 S, R22 E - Continued

Chains

- Through tall sacaton
- 14.70 Road to Worford ranch corner
bears N E and S W
- 33.00 Along left bank of San Pedro
river
- 37.00 Leave left bank of San Pedro
river, course N easterly
- 40.00 Set a pine post 3 ft long, 4
ins sq, with marked stone,
2 1/2 ins in the ground, for 4
sec cor, marked 4 Sec on W
and S 22 on E faces; dig pits
18x18x12 ins, N and S of post,
3 ft dist, and raise a mound
of earth 3 1/2 ft base, 1 1/2 ft high,
W of cor.
- 40.70 Wire fence, bears E and W
- 42.25 San Pedro river, 2 chs wide, course
N westerly, turned N easterly

Subdivision of P23, P22 & - continued

Chains

43.90 Wire fence, bars E and W

45.75 Sun Pedro wire course N
easterly

53.00 Slough, 25 lbs wide, course N
easterly

64.00 Slough, 25 lbs wide, course N
easterly

See Set a pine post, 3 ft long, 4
ins sq, with marked stars, 24
ins in the ground, for cor of
secs 15, 16, 21, and 22, marked
P23, S15 on NE

P22 E, Sec on SE

S21 on S W end

S16 on NW faces, with 3 notches
on S and E edges; dig pits

18x18x12 ins in each sec, 5 ft
dist, and raise a mound of
earth 4 ft base, 2 ft high,

Subdivision of T₂₀ S. R₂₂ E - continued

Chains

N of cor.

Level.

Soil, black and sandy loam, 1st rate.

No timber, undergrowth, sacaton.

Dense undergrowth, 8,000 chs.

October 6, 1901.

October 7, 1901.

N 89.56° E, on a random line bet
secs 15 and 22.

4,000 Set temp 1/4 sec cor.

8,000 Intersect N and S line 10 chs

N of cor of secs 14, 15, 22 and 23.

Thinner Drum

West on a ^{line} true, bet secs 15
and 22.

Over rolling and level land.

Thrush drive, sagebrush, trista

Subdivision of T 33 S R 22 E - continued
Chains

- and grassland.
- 36.70 Road, bars N and S
- 37.08 Wire fence, bars N and S
- 39.75 Road to frame house, bars N & and S &
- 40.10 Set a pine post, 3 ft long, 4 ins
sq, with marked stones, 24 ins
in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S 15 on N and S 22
on S face; dig pits 18 x 18 x 12
ins, E and N of post, 6 ft dia,
and raise a mound of earth
 $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, N of cor.
- 41.70 Wire fence, bars N and S frame
house, bars 2.50 chs S.
- 44.00 Clear down sagebrush, trestle and
grass and undergrowth, bars
N and S, and enter San Pedro
valley and tall sacaton.
- 68.60 San Pedro river, 2 chs wide,

Subdivision of Sec 1, T22E - Continued

Chains

course westerly.

75.70

Slough, 30 chs wide, course westerly

80.00

The cor of secs 15, 16, 21 and 22

Land, rolling and level

Soil, black and sandy loam and gravelly; 1st and 2^d rats.

Timber, a few cottonwoods and willows, undergrowth, sage brush, greasewood, t-sota and sacaton.

Dense undergrowth, 80.00 chs.

No. 1st W bet secs 15 and 16.

Over level bottom land

Through tall sacaton

1.66

Wire fence, runs E and W

14.50

Slough, 15 chs wide, course N
easterly
westerly

40.00

Set a ^{1/2} mile post, 3 ft long, 4 ins sq, with marked stones, 24 ins in

Subdivision of T²³ S, R²² E - Continued
Chains

The ground for # 100 cor. marked
16 on W and # 15 on E faces,
dig pits 18x18x12 ins, N and
S of post, 3 ft dist, and raise a
mound of earth 6 1/2 ft base,
1 1/2 ft high, W of cor.

From this cor Ben Surr's house
bears S 82° E. The S end center of
the San Rafael del Valle grant,
which is a redwood post, 4 ins
sq, 2 1/2 ft above ground, marked
on the N face S. E. CENT. S. N.

D. V. bears N 26° 15' W, 11.56 chs

62.00 Left bank San Pedro river, bears
NW, thence SW, thence NW

62.40 Wire fence, bears E and W

62.70 Left bank San Pedro, bears NW

75.50 Enter cultivated field

8.00 Set a pine post, 3 ft long, 4 ins

Subdivision of T38 S. R22 E - Continued

Chains

sq, with marked stones, 24 ins in
the ground, for cor of secs 9, 10, 15
and 16, marked

T 38 S, S 10 on N.E

R 22 E, S 15 on S.E

S 16 on S.W and

S 9 on N.W faces; with 4 notches
on S and 3 notches on E edges;

Dig pits 18 x 18 x 12 ins in each sec,
5 1/2 ft dist, and raise a mound
of earth 4 ft base, 2 ft high, W
of cor. From cor Ben Sneed's house
bears S 38 1/4° E,

Land, level.

Soil, black and sandy loam, 1 1/2 ft.

Timber, a few cottonwood and willows,
undergrowth, sacaton.

Dance undergrowth 74.50 chs.

East on a random line bet secs

Subdivision of T28 S, R22 E - continued

Chains

10 and 15.

40.00 Set temp 4 sec cor.

80.10 Intersect N and S line at cor
of secs 10, 11, 14 and 15.

Wired down

West on a true line bet secs
10 and 15.

Over rolling land.

Through dense tsetse, sagebrush
and grasswood

30.09 E line across undergrowth, bears
NW and SE, and enter San Pedro
Pulley and tall sacaton.

39.90 Road, bears N and S

40.05 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 10 on N and
S 15 on S faces; dig pits 18x18x12

Subdivision of Sec 8, R 22 E - Continued

Chains

- ins, E and W of post, 3 ft dia,
and raise a mound of earth 3 1/2
ft base, 1 1/2 ft high, N of cor.
- 40.20 Wire fence, bars N and S
- 58.00 East fence to corral around barn
- 60.00 Adobe barn bars 1 ch N; W.C.
Grinnis house bars 6 chs N
- 63.10 Wire fence, bars N and S
- 63.50 Iron wagon shed on land.
- 64.40 Adobe house bars 20 chs N
- 65.40 Wire fence, bars NW and SE
- 80.10 Area of secs 9, 10, 15 and 16
Land, level and rolling
Soil, black and sandy loam
and gravelly; 1st, 2^d and 3rd rates.
Timber, a few cottonwoods and
willows; undergrowth, grasswood,
sagebrush, teosote and sacaton
Prunus undergrowth, 80.10 chs.

Subdivision of S 23 S R 22 E - continued

- | | |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chains | N 00° W, bet secs 9 and 10.
Over level bottom land. |
| 4.63 | Widener, bars E and W |
| 5.50 | Widener, bars E and W and
enter alfalfa field |
| 19.00 | Ranch houses, bar 20 chs E |
| 20.00 | Set a redwood post, 3 ft long, 4
ins sq, with marked stones, 24
ins in the ground, for witness
corn to $\frac{1}{4}$ sec cor, marked W E,
$\frac{1}{4}$ S 9 on W and S 10 on E faces,
ditch pits 18x18x12 ins, N and S
of post, 3 ft. dist and raise a
mound of earth 6 ft base, $\frac{1}{2}$
ft high, N of cor. Witness cor
set at this point, as the ground
near point for $\frac{1}{4}$ cor is marsh
land and under water. |
| 22.40 | Widener, bars E and W |

Subdivision of Sec 3 & R 22 E - Continued

- Chains
40.00 The point for 4 sec cor falls in
overflowed land.
- 48.00 Run fence, bears NE. and S W
and enter section, bears E and W
- 175.00 Leave section, bears E and W
- 8.00 Set a pine 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
Sec 3, Sec 3 on NE,
R 22 E, Sec 10 on SE
Sec 9 on SW and
Sec 4 on NW faces; with 5 notches
on S and 3 notches on E edges;
dig pits 18x18x12 ins in each sec,
5 1/2 ft dist, and raise a mound
of earth 4 ft base, 2 ft high,
W of cor.
Sandy level.

Subdivision of T₂₃ S, R₂₂ E Contm_{ed}

Chains

Soil, black and sandy loam.
1st rate

No timber, undergrowth, sacaton
Dense undergrowth, 27.00 chs
October 7, 1901

October 8, 1901.

East on a random line bet
secs 8 and 10.

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

80.22 Intersect N and S line & line
N of cor of secs 2, 3, 10 and 11,
Turner Pinn

N 89° 58' W, on a true line bet
secs 8 and 10.

Over rolling land

Through dense mesquite, tesota
and sagebrush.

40.11 Set a pine post, 3 ft long, 4 in