

T. 13. S. R. 10 E 59
(SUBDIVISIONS)

CONTRACT 104

PH. CONTZEN
U. S. DEPT. SUR

787

2.

No. 787

BOOK 787

4-671

FIELD NOTES
GENERAL LAND OFFICE.

G.

60

Resumptive deeds made by
 C. M. R. - 2/10/1900

Township 13 S R. 10 E

6	104	5	77	4	3	2	1
103	101		74				
7	99	8	74	9	10	11	12
97	94		13				
18	94	17	71	16	15	14	13
92	91		69				
19	89	20	67	21	22	23	24
88	86		66				
30	84	29	64	28	27	26	25
83	81		62				
31	79	32	61	33	34	35	36

Subdivision of S 13 & 16 10 E

Chimney

with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec on marked $\frac{1}{4}$ S 32 on N and 33
on E face, from which

A mesquite, 5 ins diam, bears S $35\frac{1}{2}^{\circ}$ E, 146
the dist. marked $\frac{1}{4}$ S 33 B S.

A mesquite, 4 ins diam, bears N $82\frac{1}{2}^{\circ}$ W, 81
the dist. marked $\frac{1}{4}$ S 32 B S.

4588 Trail, bears Easterly and Westerly.

6500 Dry wash, 15 lbs wide, course N. Easterly.

8400 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,

for one of sec 28, 29, 32 and 33, marked
S 13 S 28 on N,

B 10 E. S 33 on S E.

S 32 on S N, and

S 29 on N W face, with 1 notch on S
and 4 notches on E edge, from which
A mesquite, 4 ins diam, bears S 60° E, 174 the
dist. marked S 13 S B 10 E S 33 B S.

Inclusion of S 13 R 10 E.

Chain

1 mosquito, 8 ins diam, bears S $66\frac{3}{4}^{\circ}$ W 278

the dist marked S 13 S R 10 E S 32 B 9.

1 mosquito, 7 ins diam, bears N $77\frac{3}{4}^{\circ}$ W 145

the dist marked S 13 S R 10 E S 29 B 9,

no other bar within limit; dig pit,

18 x 18 x 12 ins, N E of post, 5 1/2 ft dist, and

raise a mound of earth 4 ft diam, 2 ft

high, W. of cor.

Sand, brk.

Soil, sandy and gravelly; 2nd and 3rd
rate.Under mosquito, undergrowth, mus-
quits and grass mow.

Dense undergrowth 8000 sho.

East, on a random line bet 5000 28
and 33.

4000 Set dump to ore cor.

8012 Putrosset N and S line 5 lbs S of the

Subdivision of S. 13 S. R. 10 E.

Chains

one of ones 27, 28, 33 and 34.

Shiner 3 mi

S 87 58' from a true line bet ones 28 and 33.

Down bar land.

Through scattering mosquito timber and
dense undergrowth.

22.62 Dry wash, 15 lbs wire, course N. Westerly.

28.33 Trail, bars N. Westerly and S. Easterly.

23.65 Trail, bars N. Westerly and S. Easterly.

40.06 Set a mosquito post 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for 1/4 sec on, marked 1/4 S 28 on N and 33
on S facing from which

A mosquito, 5 ins diam, bars S 42 3/4° E, 105
lbs wire, marked 1/4 S 33 B S.

A mosquito, 4 ins diam, bars N 10 1/2° W, 28.3
lbs wire, marked 1/4 S 28 B S.

57.74 Bond, bars N. Westerly and S. Easterly.

75.72 Dry wash, 15 lbs wire, course N. Easterly.

Subdivision of S 13, R 10 E.

Chain

80.12 S in cor of secs 28, 29, 32 and 33.

Low brush

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

Pinus, scattering mesquite, mesquith,
grasswood, mesquite and tree etc.

Dense mesquith, 80.12 ch.

N 0° 2' W, bet secs 28 and 29.

Over brush land.

Through dense grasswood.

14.50 Dry wash, 15 lbs wide, course N. Easterly.

+ 000 Set a mesquite 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 29 on N and
28 on E face, from which

A mesquite 6 ins diam, bears S 58 $\frac{3}{4}$ ° E, 180
lbs dist, marked $\frac{1}{4}$ S 28 B P.

A mesquite, 4 ins diam, bears S 60 $\frac{1}{2}$ ° N, 37

Subdivision of S 13 S, R 10 E.

Chain

- The dist. marked $\frac{1}{2}$ S 29 B S.
 45.70 Round bars N. Westerly and S. Easterly.
 76.77 Round bars N. Westerly and S. Easterly.
 82.00 Set a mosquito post, 3 ft long, 4 ins sq,
 with marked stem, 24 ins in the ground,
 for use of rows 20, 21, 25 and 29, marked
 S 13 S S 21 on NW,
 R 10 E S 25 on S E,
 S 29 on S W, and
 S 20 on N W, four, with 2 notches on S
 and 4 notches on E edge, from which
 A mosquito, 5 ins diam, bears $N 33\frac{3}{4}^{\circ} E$, 40
 The dist. marked S 13 S R 10 E S 21 B S.
 A mosquito, 5 ins diam, bears $S 33\frac{3}{4}^{\circ} E$, 81
 The dist. marked S 13 S R 10 E S 25 B S.
 A mosquito, 4 ins diam, bears $S 5^{\circ} N$, 102
 The dist. marked S 13 S R 10 E S 29 B S.
 A mosquito, 4 ins diam, bears $N 29\frac{1}{2}^{\circ} N$, 65
 The dist. marked S 13 S R 10 E S 20 B S.

Subdivision of S 13. R. 10 E.

Chain

Land land.

Soil, sandy and gravelly, and and
2nd rate.

Timber, scattering mesquite, undergrowth,
grasswood, mesquite and broom
Cane undergrowth, 5000 lbs.

N 89° 58' E, on a random line bet 21 and 28.

4000 Set camp $\frac{1}{4}$ sec 10.

7996 Portion bet N and S. line 13 lbs N. of the
cor of sec 21, 22, 27 and 28.

Plumier P run

N 89° 54' W, on a true line bet sec 21 and 28.

Over land land.

Plumier cause undergrowth.

3493 Set a mesquite post 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for $\frac{1}{4}$ sec 10, marked $\frac{1}{4}$ S 21 on N. and 28

Subdivision of S 13 T 16 R 10 E

Chain

on S part from which

A meagrite, 7 ins diam, bears $N 39^{\circ} 4' E$, 238

lbs dist, marked $\frac{1}{4}$ S 21 B S.

A meagrite, 8 ins diam, bears $S 6^{\circ} N$, 135 lbs

dist, marked $\frac{1}{4}$ S 28 B S.

75.28 Dry wash, 10 lbs river, course N. Westerly.

77.35 Dry wash, 10 lbs river, course N. Westerly.

79.76 Part of of ores 20, 21, 28 and 29.

Local, local.

Soil, sandy; 2nd and 3rd rate.

Timber, scattering meagrite, meagrite, meagrite, grasswood and trestle.

Local meagrite, 79.96 lbs.

April 21:— At this cor. set off $110^{\circ} 39' N$ on the decl. arc, and at $12^{\circ} 6' E$ of the decl. arc, the sun on the meridian; the resulting lat. is $42^{\circ} 17' N$.

$70^{\circ} 2' N$, bet ores 20 and 21.

Very local local.

Through dense meagrite.

440 Dry wash, 10 lbs river, course N. Westerly.

6.15 Dry wash, 15 lbs river, course N. Westerly.

Embedment of S 13 & R 10 C.

Chain

4.77

Set a mosquito post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$ S 20 on N and 21 on E face, from which

S mosquito, 4 ins diam, bears N 18° E, 138 lbs dist, marked $\frac{1}{4}$ S 21 B.S., no other iron within limit, 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, N. of ev.

28.64 Smith, bears N. E. nearly and S. W. nearly.

5.00 Set a mosquito post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for ev of secs 16, 17, 20 and 21, marked S 13 S S 16 on N E, R 10 C S 21 on S E, S 20 on S N, and

S 17 on N N. face with 3 notches on S and 4 notches on E edge, from which

Subdivision of S 13 - S 16 10 E.

6 chains

A meadow, 8 ms diam, bears S $32\frac{1}{2}^{\circ}$ E, 40 chs
west marked S 13 S R 10 E S 21 B S.

A meadow, 4 ins diam, bears N $77\frac{1}{2}^{\circ}$ W, 57 chs
dist marked S 13 S R 10 E S 17 B S. no
other trees within limit. Six pits, 15 x 18 x 12
ins N E and S W of post, $5\frac{1}{2}$ ft dist, and
near a mound of earth, 4 ft base, 2 ft
high, N of cor.

Land, land.

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

Timber, scattering mesquite, mulberry,
grasswood and mesquite.

Dense mulberry, 8000 chs.

S 80° 57' E, on a random line bet secs 16
and 21.

4000 Set camp $\frac{1}{2}$ mile cor.

79.84 Returnet N. and S. line 6 chs S of the

Subdivision of S. 13 & R. 10 E.

Chain

cor of secs 15, 16, 21 and 22.

Shovel 8 in.

Heat on a true line bet secs 16 and 21.

Over level land

Through dense grasswood.

3992 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 16 on N and 21
on S face, from which:

A mosquito, 4 ins diam, bears N $67\frac{1}{2}^{\circ}$ E, 126
marked marked $\frac{1}{4}$ S 16 B.S.

A mosquito, 5 ins diam, bears S 76° N, 40
the dist, marked $\frac{1}{4}$ S 21 B.S.

7984 The cor of secs 16, 17, 20 and 21.

Level, level and gently rolling.

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

Timber, scattering mosquito, undergrowth
grasswood and mosquito.

Antelias of S 13 S, R 10 E.

Chains

Grass undergrowth, 79.54 obs.

April 21, 1903.

April 22: At 7^h 35^m or m/ lmt. P set off
 52° 18' N. on the lat. arc, 11° 57' N. on the
 decl. arc and determine a true meridian
 with the solar at the ev of srs 16, 17, 20
 and 21.

Phenix P. m.

N 0° E N, lat srs 16 and 17.

Very gently rolling land.

Through dense undergrowth.

- 11:00 Soil bars E. N. Easterly and N. S. Westerly.
 11:00 Soil bars N. Easterly and S. Westerly.
 4:00 Set a mosquito post, 3 ft long, 4 ins sq,
 with marked stone, 24 ins in the ground,
 for $\frac{1}{4}$ srs ev, marked $\frac{1}{2}$ S 17 on N. and 16
 on E face; from which
 a mosquito, 4 ins diam, bears N. 75° E, 156

Imburracion of $\Delta 3$ S. R. 10 E.

Chains

The dist. marked $\frac{1}{2}$ S 16 B S.A mesquite, 5 ins diam, bears S 39° W,223 The dist. marked $\frac{1}{2}$ S 17 B S.

46.08 Iron, bars N. Easterly and S. Westerly.

8.00 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for ev of 020 8, 9, 10 and 17, marked

S 13 S S 9 on N,

R 10 E S 16 on S E

S 17 on S W, and

S 8 on N W face, with 4 notches on S
and E edges, from whichA mesquite, 5 ins diam, bears S 25° E, 335

The dist. marked S 13 S R 10 E S 16 B S.

A mesquite, 5 ins diam, bears S 8° W, 329,

The dist. marked S 13 S R 10 E S 17 B S.

A mesquite, 5 ins diam, bears N 45° W, 53

The dist. marked S 13 S R 10 E S 8 B S.

No other trees within ^{limits:} dig pit 18 x 18 x 12

Subdivision of S 13 S 16 10 E.

Chain

ins, NW of post, 52 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; 2nd and 3rd roots.

Similar scattering mesquite, undergrowth grasswood, mesquite and tree.

Dense undergrowth, 8,000 lbs.

East on a random line bet secs 9 and 16.

How bet comp $\frac{1}{4}$ sec cor.

79.72/ Intersect N. and S line 11 lbs S of the cor of secs 9, 10, 15 and 16.

Plumer 3 am

S 89° 55' N on a true line bet secs 9 and 16 over level land.

Through dense grasswood

39.86 Set a mesquite post, 3 ft long, 4 ins sq,

In behavior of S 13 N 16 E.

Chain

with marked stone 24 ins in the ground,
 for $\frac{1}{2}$ sec in, marked $\frac{1}{2}$ S 9 in N and 16 in
 S pair of iron which
 A mosquito, 5 ins diam, bears S 21 $^{\circ}$ E, 47
 the dist, marked $\frac{1}{4}$ S 16 B S, no other
 true natural limit, dig pits 18 x 18 x 12 in,
 E and N of post, 3 ft dist, and raise a
 mound of earth, 3 $\frac{1}{2}$ ft diam, 1 $\frac{1}{2}$ ft high,
 N of it.

79.72 The cor of sres 8, 9, 16 and 17.

Sand, brk.

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

Similar, scattering mosquito, undergrowth,
 of muswood and mosquito.

Dense undergrowth, 79.72 obs.

N 0 $^{\circ}$ 2' N, bet sres 8 and 9.

Over brk land.

Submissions of S 13 S B 10 E

Chowin

Through dense grasswood.

4000 Set a mosquito pit, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for 4 or ev, marked $\frac{1}{2}$ S 8 on N and 9 on E face; dig pits 18 x 18 x 12 ins, N. and S. of pit, 3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, N. of ev.

5949 Trail, bears N. Easterly and S. Westerly.

3000 Set a granite stone, 18 x 8 x 6 ins, 12 ins in the ground, for ev of orcs 4, 5, 8 and 9, marked with 5 notches on S and 4 notches on E edge; from which

A mosquito, 4 ins diam, bears N. 45° E, 300 lbs dist, marked S 13 S B 10 E S 4 B S.

A mosquito, 4 ins diam, bears S $77^{\circ} 34'$ E, 198 lbs dist, marked S 13 S B 10 E S 9 B S.

A mosquito, 5 ins diam, bears S $45^{\circ} 2'$ W, 168 lbs dist, marked S 13 S B 10 E S 8 B S.

A mosquito, 6 ins diam, bears N. $70^{\circ} 7'$ W, 207

Subdivision of S 1, S 16, 10 E.

Chain

To dist. marked S 13 S R 10 U S 5 B S.

Sand, brk.

Soil, sandy; 2nd and 3rd rats.

Timber, scattering mesquite, undergrowth,
grasswood and mesquite.

Dense undergrowth, 8000 lbs.

N 89° 55' E¹ on a random line bet^s 4
and 9.

4000 Set 2 amp $\frac{1}{4}$ sec cor.

8012 Intersect N and S line at the cor of
secs 3, 4, 9 and 10.

Shiner & nm

S 89° 55' N¹ on a true line bet^s 4 and 9.

Over brk. land

Through arbor grasswood.

4006

Set a mesquite 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 N and 9 cor.

Subdivision of A 13. S. R. 10 E.

Chains

Spurs, from which

A meagrite, 9 ms diam, bears $N 61\frac{1}{2}^{\circ} E$, 198

the dist. marked $\frac{1}{4}$ S 4 B P.

A meagrite, 8 ms diam, bears $S 71\frac{1}{2}^{\circ} E$, 124

the dist. marked $\frac{1}{4}$ S 4 B P.

80.12 Sh ev of ores 4, 5, 8 and 9.

Sand, liml.

Soil, sandy; 2nd and 3rd rate.

Timber, scattering meagrite; meagrite,
grasswood and meagrite.

Dense meagrite, 80.12 chs

$N 0^{\circ} 3' N$, on a random line bet ores 4
and 5.

4000 Set temp $\frac{1}{4}$ ore ev!

80.18 Entirely N. leg of Sp mt the ev of ores 4,
5, 8 and 9, as heretofore also evlrd.

Shiner 3 mm

$S 0^{\circ} 2' E$, on a true line bet ores 4 and 5.

Subdivision of S 13, R 10 E

Open land.

Through almost grassed.

17.60 Soil, bars Easterly and Westerly.

27.92 Soil, bars N. Easterly and S. Westerly.

39.50 Soil, bars N. Easterly and S. Westerly.

40.18 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ ord. marked $\frac{1}{4}$ S 5 on N and 4
on E face, from which

A mosquito, 9 ins diam, bars S 85 $^{\circ}$ 14 $^{\circ}$ E,
295 lbs dist, marked $\frac{1}{4}$ S 4 B S, in other
form within limit, clay 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 cr.

80.18 Sh ur of sets 4, 5, 8 and 9.

Land, bush

Soil, sandy, 2nd and 3rd rath.

Timber, scattering mosquito, undergrowth,

Inclusion of S 13 S. R 10 E

Parasitoid and mosquito.

Dense undergrowth, 80.18 lbs.

April 22, 1903

April 23. At 4^h 25^m a.m. cont. I set off 32° 15' N on the lat arc, 12° 17' W. S. on the merid arc, and determined a true meridian with the solar at the top of arcs 5, 6, 31 and 32 on the S. bay of the Sp as heretofore described.

Threw 3 run

N 03° N, lat arcs 31 and 32!

Over level land.

Through dense undergrowth.

- 4.33 Dry wash, 10 lbs wick, course N. Easterly.
- 15.70 Dry wash, 20 lbs wick, course N. Easterly.
- 27.00 Dry wash, 10 lbs wick course N. Easterly.
- 39.00 Dry wash, 15 lbs wick, course N. Easterly.
- 40.00 Set a granite stone, 18 x 8 x 6 ins, 12 ins in the

Subdivision of S 13 S 16 10 E.

Chains

ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N face,
from which

A measuring, 18 ins chain, bears S $76\frac{1}{4}^{\circ}$ E, 140
lbs dist, marked $\frac{1}{4}$ S 32 B S.

A measuring, 6 ins chain, bears N $86\frac{3}{4}^{\circ}$ W, 169
lbs dist, marked $\frac{1}{4}$ S 31 B S.

42.52 Nail, bears Easterly and Westerly.

49.65 Nail, bears N. Easterly and S. Westerly.

72.62 Nail, bears N. Westerly and S. Easterly.

8.70 Set of granite stones, 20 x 8 x 6 ins, 14 ins on

the ground, for cor of secs 29, 30, 31 and 32,
marked with 1 notch on S and 5 notches
on E edge; from which

A measuring, 5 ins chain, bears N $28\frac{1}{4}^{\circ}$ E, 330
lbs dist, marked S 13 S 16 10 E S 29 B S.

A measuring, 4 ins chain, bears S $13\frac{1}{4}^{\circ}$ E, 106
lbs dist, marked S 13 S 16 10 E S 32 B S.

A measuring, 4 ins chain, bears S $79\frac{1}{2}^{\circ}$ W, 118
lbs dist, marked S 13 S 16 10 E S 31 B S.

Subdivision of S 13 S, R 10 E.

Chains

A meander, 5 ms chain, bears N. $28\frac{1}{2}^{\circ}$ W, 165

this dist, marked S 13 S R 10 E S 36 B D.

Land, brk.

Soil, sandy; 2nd and 3rd rats.

Finder, scattering mesquite, mesquite
grasswood, mesquite and locust.

Dense mesquite, 9000 lbs.

X

East, on a random line bet secs 29 and 32.

4000 Set trap $\frac{1}{2}$ sec cor.

79.72 Put corner N. and S line at the cor of secs

28, 29, 32 and 33.

Shiner S run

West, on a true line bet secs 29 and 32.

On brk land.

Through dense mesquite.

12.32 Dry wash, 25 lbs wide, course Northwly.

26.09 Dry wash, 15 lbs wide, course Northwly.

27.40 Dry wash, 10 lbs wide, course Northwly.

In possession of S. 13 S. 16 10 6

Chain

39.86

Set a mesquite post, 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for $\frac{1}{4}$ sec or, marked $\frac{1}{4}$ S 29 on N. and 32 on S face, from which

A mesquite, 6 ins diam, bears N. 20 $\frac{1}{2}$ W, 132 lbs dist, marked $\frac{1}{4}$ S 29 B P; no other tree within limit; 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.

- 52.40 Soil, bears Northwly and Southwly.
 53.67 Dry wash, 20 lbs wide, course N. Easterly.
 55.82 Dry wash, 20 lbs wide, course N. Easterly.
 63.09 Soil, bears N. Easterly and S. Westerly.
 63.50 Old road, bears N. Westerly and S. Easterly.
 79.72 The cor of sides 29, 30, 31 and 32.

Ground, bad.

Soil, sandy, red and red ratl.

Timber, scattering mesquite, under-

Subdivision of S 13 & R 10 E

Chain

growth grasswood, mesquite and locust.
Dense undergrowth, 79.72 obs

West on a random line bet secs 30
and 31.

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

8034 Enter set N. bay of Sp at the cor of secs
25, 30, 31 and 36, no break in described.

Shiner Pond

East, on a random line bet secs 30 and 31.
Over hard land.

Through dense grasswood.

287 Dry wash, 10 lbs water, under N. E. asterly.

4034 Set a mesquite 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 30 on N. and
31 on S face, from which

A mesquite, 7 ins diam, bears N 35° E, 235'
the dist, marked $\frac{1}{4}$ S 30 B S.

Subdivisions of S 13 S. R. 10 E

Chains

1 mosquito, 6 ms drain, bears S 1° E, 253
 lbs dist. marker $\frac{1}{2}$ S 31, 13 S.

57.10 Soil, bears N. Easterly and S. W. Easterly.

65.54 Dry wash, 20 lbs wide, course N. Easterly.

67.54 Road, bears N. W. Easterly and S. Easterly.

80.34 3 hr cor of 54cs 29, 30, 31 and 32.

Level land.

Soil, sandy; 2nd and 3rd rate.

Timber, scattering mosquito; undergrowth,
 grassweed, mosquito and frota.

Druse undergrowth, 80.34 chs. ^{12° 26'}
 April 28: At this spot, I set off ~~12° 26'~~ 11 on
 the decl. arc; and at 12° 52' E, m. t. I observed
 the sun on the meridian; the resulting lat. is 82° 16' N

N 0° 3' W, bet 54cs 29 and 30.

Over level land.

Through dense undergrowth.

7.52 Dry wash, 15 lbs wide, course N. Easterly.

14.72 Dry wash, 20 lbs wide, course N. Easterly.

16.62 Old road, bears N. W. Easterly and S. Easterly.

20.81 Soil, bears Easterly and W. Easterly.

Subdivision of S 13 S. R. 10 E.

Chains

- 2805 Trail, bars N. Westerly and S. Easterly.
- 38.63 Trail, bars N. Easterly and S. Westerly.
- 4000 Set a mesquite post, 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for $\frac{1}{4}$ sec on marked $\frac{1}{4}$ S 30 on W and 29 on E face, from which
 A mesquite, 4 ins diam, bars S 57 $^{\circ}$ 14' E, 90 lbs dist, marked $\frac{1}{4}$ S 29 B P.
 A mesquite, 6 ins diam, bars N. 73 $^{\circ}$ 34' W, 170 lbs dist, marked $\frac{1}{4}$ S 30 B P.
- 52.56 Trail, bars Easterly and Westerly.
- 6800 Trail, bars N. Easterly and S. Westerly.
- 76.00 Trail, bars N. Easterly and S. Westerly.
- 8000 Set a granite stone, 18 x 8 x 6 ins, 12 ins in the ground, four of sec 19, 20, 29 and 30, marked with 2 notches on S and 5 notches on E edge, from which
 A mesquite, 6 ins diam, bars N 82 $^{\circ}$ 14' E, 295 lbs dist, marked S 13 S. R. 10 E S 20 B P.

Introduction of ~~P. 10~~ S. R. 10 E.

Chains

A mosquito, 4 ins diam, bears S $71\frac{3}{4}^{\circ}$ E, 217

lbs dist, marked S 13 S R. 10 E S 29 B S.

A mosquito, 4 ins diam, bears N $50\frac{1}{2}^{\circ}$ W, 174

lbs dist, marked S 13 S R. 10 E S 19 B S;

no other tool within limit; dig pit,

18 x 18 x 12 ins, S W of stem, $5\frac{1}{2}$ ft dist

and raise a mound of earth, 4 ft base,

2 ft high, W of cor.

Sand, brk.

Soil, sandy; 2nd and 3rd rate.

Sink, scattering mosquito, 1 inch growth,

grassweed, mosquito and brk.

Dense 1 inch growth, 8 cor. chs.

Cast, on a random line bet 20 and 21
and 29.49.00 Set trap $\frac{1}{4}$ cor.49.92 Put out N. and S line at the cor of 20
21, 23 and 29.

Subdivision of S 13 S R 10 E.

Shrubs

Plumel P. 1911

Nest, on a tree limb bet trees 20 and 29.

Over land land.

Through dense undergrowth.

22.86 Trail, bears N. Easterly and S. Westerly.

2661 Road, bears N. Westerly and S. Easterly.

3296 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for $\frac{1}{4}$ sec in, marked $\frac{1}{4}$ 20 on N. and 29 on
S. face, from whichA mosquito, 4 ins diam, bears N. 92° W, 70lbs dist, marked $\frac{1}{4}$ S 20 B. of. on other

tree within limit; six pits, 18 x 15 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 cr.

72.38 Trail, bears N. Easterly and S. Easterly.

7992 Shrub of trees 19, 20, 29 and 30.

Land, land.

Subdivision of N 3 L. R. 10 G.

Chain

Soil, sandy; 2nd and 3rd water.

Timber, scattering mesquite, mangrove, grasswood, mesquite and locust.

Dense undergrowth, 79.92 chs.

Not on a random line, but series 19 and 30.

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

8027 Put bait N. by of Sp at the end of series 19, 24, 25 and 30, no hantowen observed.

Phased 3 min

East, on a true line bet series 19 and 30.

Over land band.

Through dense undergrowth.

33.50 Dry wash, 10 lbs wide, course N. Easterly.

4017 Dry wash, 10 lbs wide, course N. Easterly.

4027 Set a mesquite post, 2 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 19 in N and 30

Subdivision of S 13 & 16 10 E.

Chain

on S. part. from which

A mesquite, 9 ins diam, bears N $33\frac{1}{4}^{\circ}$ E, 36

the dist, marked $\frac{1}{4}$ S 19 B. S.

A mesquite, 7 ins diam, bears S $43\frac{1}{2}^{\circ}$ W, 101

the dist, marked $\frac{1}{4}$ S 30 B. S.

80.27; S. line of secs. 19, 20, 29 and 30.

Good land.

Soil, sandy; and sand and gravel.

Timber, scattering mesquite; undergrowth, grasswood, mesquite and locust.

Some undergrowth, 80.27 ch.

April 23, 1903.
April 24, 1903 at 7h 30 m. I set off $120^{\circ} 37' 11''$ on the def. arc. and determine a true meridian at the cor. of secs. 19, 20, 29 and 30, with $103^{\circ} 17' 11''$ set off on lat. arc.

Our level land.

Through some undergrowth.

400 Set a mesquite post, 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ S 19 on N and 20

Continuation of S. 13, S. 16, 10 & C.

6 bruis

on E. face, dig pits $15 \times 15 \times 12$ 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, N. of ev.

49.00 Soil, bruis N. Easterly and S. Westerly.

52.8 Soil, bruis N. Easterly and S. Westerly.

60.50 Dry wash 20 lbs wide, course N. Easterly.

62.41 Soil, bruis N. Easterly and S. Westerly.

69.00 Soil, bruis N. Easterly and S. Westerly.

8.00 Set a magnetic post, 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for ev of sres 17, 18, 19 and 20, marked

S 13 S S 17 on NW,

R 10 & S 20 on SE,

S 19 on S N, and

S 15 on N N E corner, with 3 mitchas on S

and 5 mitchas on E side; dig pits

$15 \times 15 \times 12$ ins in each sre, $5\frac{1}{2}$ ft dist,

and raise a mound of earth, 4 ft base,

Subdivision of S 13 & N 10 E

Chain

2 ft high, N of cor.

Land, land.

Soil, sandy; 2nd and 3rd valts.

Prickles, scattering mesquite; undergrowth
grasswood, mesquite and brodiaea.

Dense undergrowth, 3,000 lbs.

East, on a random line bet ores 17
and 20.

4.22 Set trap $\frac{1}{2}$ sec cor.

7.9.97 Enters bet N. and S. line at the cor of
ores 16, 17, 20 and 21.

Shives P. and

West, on a true line bet ores 17 and 20.

Our land land.

Through dense undergrowth.

.37 Nail, bears N. Easterly and S. Westerly.

4.88 Nail, bears N. Easterly and S. Westerly.

3.9.98 Set a mesquite post, 3 ft long, 4 ins sq,

In behavior of S 13 & R 10 E.

6 hrs

with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 17 on N. and 20
on S face; dig pits, 15 x 15 x 12 ins E. and
N. 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.

60.29 Dry wash, 30 lbs iron, course N. Easterly.

64.20 Old road, bars Northernly and Southernly

64.90 Old road, bars Northernly and Southernly.

79.97 Shr cor of s res 17, 18, 19 and 20.

Land, brk.

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

Timber, scattering mesquite, undergrowth,
grasswood, mesquite and locust.

Dunes, undergrowth, 79.97 chs.

Wet, on a random line bet s res 18 and
19.

4:00 Set camp $\frac{1}{4}$ sec cor.

Embodiment of S 13 S B 10 E

Chain

8006 Pitrowet N. bay of Sp at the cor of
ores 13, 15, 19 and 24. as heretofore
described.

Plumet P run

East, on a timber lot ores 15 and 19.

Dove hole land.

Through corner underground.

17.56 Dry wash, 10 lbs near corner N. Easterly.

38.53 Trail, bears N. Easterly and S. Westerly.

40.06 Set a mag wire post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 15 on N. and
19 on S face; from which

A mag wire, 5 ins diam, bears S 34° E, 57
lbs dist, marked $\frac{1}{4}$ S 19 B S.

A mag wire, 7 ins diam, bears N. 64° 34' W,
122 lbs dist, marked $\frac{1}{4}$ S 15 B S.

57.81 Trail, bears N. Easterly and S. Westerly.

80.06 The cor of ores 17, 18, 19 and 20.

Imbeddison of S. D. R. Co.

Chains

Land, land.

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

Timber, scattering musquity undergrowth,
musquity, grasswood and tracta.

Dense undergrowth, 8000 chs.

70° 3' N, but 52 to 17 and 18.

Over land land.

Through dense undergrowth.

- 4.70 Trail, bears N. Easterly and S. Westerly.
30.65 Old road, bears N. Westerly and S. Easterly.
40.00 Set a musquity post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 18 on N. and 19
on E. face, dig pits 18 x 18 x 12 ins N. and
E. 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.
64.50 Dry wash, 30 lbs rock, course N. Easterly.

Behavior of S 13 S. B. 10 E.

Chain

8.000

Set a measuring post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for cor of sec 7, 8, 17 and 18, marked

S 13 S 8 on NE

B 10 E S 17 on S E,

S 18 on S W, and

S 7 on N W face, with 4 notches on S
and 5 notches on E edge, from which

A measuring, 4 ins diam, bears N 70° E, 130
the dist, marked S 13 S B 10 E S 8 B S.

A measuring, 4 ins diam, bears S 75° E, 225
the dist, marked S 13 S B 10 E S 17 B S,

no other trees within limits of pits,
15 x 15 x 12 ins, S W and N W of post,

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

Land, land.

Soil, sandy and gravelly, and incl
3rd rate.

Subdivision of S 13 S N 10 E.

Chains

Timber, scattering mesquite, undergrowth,
grasses and mesquite and clover.
Dense undergrowth, 5000 lbs.

East, on a random line bet s res 8 and 17.

7000 Set trap $\frac{1}{2}$ s res 17.

8000 Put out N. and S. line 10 hrs N. of the
cor of s res 8, 9, 16 and 17.

Phaner 3 run

N 89° 56' W, on a true line bet s res 8 and 17.
One hole found.

Through dense undergrowth.

7003 Set a small plain stone, 20 x 12 x 4 ins, 14 ins
in the ground, for $\frac{1}{4}$ s res 17, marked $\frac{1}{4}$
on N. face, dig pits 18 x 18 x 12 ins, E and
W of stone, 3 ft dist, and raise a mound
of earth, 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, N. of cor.

7701 Trail, bears Northward and Southward.

8006 Ph. cor of s res 7, 8, 17 and 18.

Subdivision of S 13 T 16 10 E.

Chains

Land, cont.

Soil, sandy and gravelly; 2nd and 3rd
rate.Timber, scattering mesquites; undergrowth,
grassweed, mesquite and twoto.

Dense undergrowth, scrub etc.

April 24, 1903.

April 25: At 7^h 30^m a m, cont. I set
off 32' 19" N. on the last one, 12° 57' N. I on
the level and determine a base
measured with the solar at the end of
sacs 7, 8, 17 and 18.

Thomson & run

West, on a random line bet sacs 7 and 18.

2100 Set traps $\frac{1}{2}$ sac in.

2290 Intersect N. edge of Sp at the end of sacs
7, 12, 13 and 18, as herebefore described.

Thomson & run

Subdivision of S 13 & R 10 E.

C. Davis

East, on a Fair line bet. secs 7 and 15.

Over local land.

Through dense undergrowth.

20.46 Trail, bars N. Easterly and S. Westerly.

69.90 Set a mosquito pit, 3 ft long, 4 ins sq, with
marked stone, 24 ins in the ground, for $\frac{1}{2}$ sec
on marked $\frac{1}{2}$ S 7 on N and 18 on S. found
dig pits, 18 x 18 x 12 ins, E. and W. of post, 3 ft
dist, and raised a mound of earth, 3 ft
base, 1 $\frac{1}{2}$ ft high, N. of cor.

64.08 Dry wash, 15 the wide, corner N. Easterly.

66.82 Broad, bars N. Easterly and S. Westerly.

69.31 Dry wash, 15 the wide, corner N. Easterly.

71.90 Trail, bars N. Easterly and S. Westerly.

75.60 Dry wash, 25 the wide, corner N. Easterly.

77.39 Dry wash, 20 the wide, corner N. Easterly.

79.90 The cor of secs 7, 8, 17 and 18.

Local, local.

Soil, sandy and gravelly; 2nd and 3rd

Subdivision of S 13 S, R 10 E

Chains

ruts.

Printed, scattering mosquito, undergrowth,
 spruce, mosquito and brood.
 Mosquito undergrowth, 22.90 lbs.

N 0 3 N, lot 2007 and 8.

Over land.

Through mos undergrowth.

- 7.57 Trail, bars N. Easterly and S. Westerly.
 10.62 Dry wash, 20 lbs wide, course N. Easterly.
 13.45 Trail, bars N. Easterly and S. Westerly.
 14.00 Dry wash, 20 lbs wide, course N. Easterly.
 22.68 Dry wash, 25 lbs wide, course N. Easterly.
 35.20 Road, bars N. Easterly and S. Westerly.
 4.00 Set a mosquito post, 3 ft long, 4 ins sq,
 with marked stone, 24 ins in the ground,
 for $\frac{1}{4}$ sec on, marked $\frac{1}{4}$ S 7 on N. and 8
 on E face, from which
 a mosquito, 4 ins chain, bars S 13 $\frac{1}{2}$ E, 43

1st admission of P 13 S R 10 E

Chain

The dist, marked $\frac{1}{2}$ S 8 B S.

A mosquito, 7 ins chain, bars S $35\frac{1}{2}^{\circ}$ N, 157

The dist, marked $\frac{1}{4}$ S 7 B S.

50.48 Trail, bars N. Easterly and S. Westerly.

53.24 Trail, bars N. Easterly and S. Westerly.

57.57 Old road, bars N. Westerly and S. Easterly.

8.00 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stave, 24 ins in the ground,
for one of sees 5, 6, 7 and 8, marked

P 13 S S 5 on N E,

R 10 E S 8 on S E,

S 7 on S W and

S 6 on N W face, with 5 notches on S and
E edges, from which

A mosquito, 6 ins chain, bars N $74\frac{1}{2}^{\circ}$ E, 205

The dist, marked P 13 S R 10 E S 5 B S.

A mosquito, 6 ins chain, bars S 15° E, 178 the
dist, marked P 13 S R 10 E S 8 B S.

A mosquito, 6 ins chain, bars N $89\frac{3}{4}^{\circ}$ W, 367

Subdivision of S 13 S R 10 E S 6 B 8

Chains

lks dist, marked S 13 S R 10 E S 6 B 8;
 on ultra-rare mistletoe limb, dist pt
 18x18x12 ins, S W of post, 5 1/2 ft dist,
 and raise a mound of earth, 4 ft base,
 2 ft high, N of ev.

Sand, brk.

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

Timber, scattering mesquite, under-
 growth, grasswood, mesquite and brack.
 Denser undergrowth, etc. etc.

S 89° 56' E, on a random line bet secs
 5 and 8.

4:20 Set camp 1/2 sec ev.

5:20 Enter set N. and S. line 12 lks S of the
 cor of secs 4, 5, 8 and 9.

Shiner Dam

S 80° 50' N, on a true line bet secs 5 and 8.

In behavior of S. 1. S. R. 10 E.

6 chains

Own land.

Through dense undergrowth.

7010 Set a mosquito post, 3 ft long, 4 in sq,
with marked stem, 24 in in the ground,
for $\frac{1}{4}$ sec. W, marked $\frac{1}{4}$ S 5 on N. and 8
on S. part from which

A mosquito, 6 in diam, bears N 10° E, 197

the post, marked $\frac{1}{4}$ S 5 B.S.

A mosquito, 4 in diam, bears S 8° E, 53 the

post, marked $\frac{1}{4}$ S 8 B.S.

6225 Trail, bears Northwly and Southwly.

6296 Dry wash, 20 lbs wide, course Northwly.

6422 Dry wash, 20 lbs wide, course Northwly.

6635 Dry wash, 25 lbs wide, course Northwly.

6767 Dry wash, 20 lbs wide, course Northwly.

8020 Plan of secs 5, 6, 7 and 8.

Land, low.

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

Subdivision of S 13, R 10 E.

Chain

Timber, scattering mesquite, undergrowth,
grasswood, mesquite and brush.

Demo undergrowth 90.20 chs. $13^{\circ}00'$ on
April 20: at this cor. ~~set off~~ $12^{\circ}09'$ on
decl. arc: and at $12^{\circ}06'$ m. t. observe the
sun on the meridian; the resulting lat $32^{\circ}20'N$

Next, on a random line bet ores 6 and 7.

4000 Set camp $\frac{1}{4}$ ore cor.

7992 Enterret N bay of Sp 5 lts S of the end
of ores 1, 6, 7 and 12, as heretofore described.

Flower 3 rods

8958 E on a true line bet ores 6 and 7.

Over level land

Through dense undergrowth.

3992 Set a mesquite post, 3 ft long, 4 ins dia,
with marked stem, 24 ins in the ground.

for $\frac{1}{4}$ ore cor, marked $\frac{1}{4}$ S 6 on N. end 7 cor
S face, from which

A mesquite, 6 ins diam, bears $N. 81^{\circ} E, 35^{\circ}$
lts dist, marked $\frac{1}{4}$ S 6 B S.

A mesquite, 7 ins diam, bears $S 12^{\circ} E, 35^{\circ}$ lts

Subdivision of S 13 S 16 10 E.

Chemin

dist. marked $\frac{1}{4}$ S 7 B S.

5945 Bound, brass N. W. strictly and S. E. strictly.

7992 Placer of secs 5, 6, 7 and 8.

Bound, local.

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

Timber, scattering; mesquite, mesquite,
grasswood, mesquite and forest.

Dense undergrowth; 7992 chs.

N 0 3' N on a random line bet secs 5
and 6

4000 Set camp $\frac{1}{4}$ sec 6.

8200 Protrusion N. by of Sp at the cor of secs
5, 6, 31 and 32, as herefor described.

Placer of cum

S 0 3' E, on a true line bet secs 5 and 6.

Over local land.

Through dense undergrowth.

Subdivision of S 13 S R 10 E

Chairs

4000 Set a magnetic 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 6 on N and 5 on
E face; dig pits 18x18x12 ins, N. and S of
post, 3 ft dist, and raise a mound of
earth, $3\frac{1}{2}$ ft base, $\frac{1}{2}$ ft high, N. of cor.

6443 Soil, bars Easterly and Westerly.

6611 Soil, bars N. Easterly and S. Westerly.

6963 Soil, bars N. Easterly and S. Westerly.

8000 Sher cor of oris 5, 6, 7 and 8.

Land, bad.

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

Timber, scattering mesquite; under-
growth, grasswood, mesquite and trestle.
Dense undergrowth, 8000 chi.

April 25, 1903.

Subdivision of P. 13 & 10 E.

Chino

General Description.

This Bfe is live, the soil is sandy and gravelly, covered with a good growth of grass excellent for grazing. There is considerable mesquite timber in the southernmost portion of the Bfe. There are no settlers within this township.

Philip Couzen
 W. S. Deputy Surveyor.

For red ink corrections see deputy's
 letter of Feb 11th 1904 and Mar. 21, 1904.

BOOK 787

Final Oaths in Book "I"
Subs. T 13 & R. 11 E

A P P R O V A L .

Office of the
United States Surveyor-General,
Phoenix, Arizona.

March 8 - 1904

The foregoing field notes of the survey
of *the Subdivisions of T. 13 S., R. 10 E*

of the Gila and Salt River Base and Me-
ridian, in the Territory of Arizona.

Executed By *Philip Boutgen*

United States ^{Deputy} Surveyor, under his
contract No., 104 dated *Nov. 15* 1902,
having been critically examined, and the
necessary corrections and explanations
made, the said field notes, and the sur-
veys they describe, are hereby approved.

Frank S. Ingalls