

T14 S. R 11 E
(SUBDIVISIONS)

CONTRACT 104

PH. CONTZEN

U. S. DEP. SUR

1.

BOOK 976

4-671

FIELD NOTES

GENERAL LAND OFFICE.

976

No. 976

c

data for Ex. Dec. 12/03 Gmly

Ried
8/3/03

Copied: 11/16 W.H.S

Descriptive sheets made by
Mr. A - 2-18-04

Conf. G.H.S. by M.C. 3/5/04
also checked C.D. & Gmly July 1904

No. 976

Field Notes
of the survey of the
Subdivision Lines
of
Township No. 14 South
Range No. 11 East
of the
Gila and Salt River Basins and Mountain
in the
Territory of Arizona
As surveyed by
Philip Gutzwiller
U. S. Deputy Surveyor

Under his contract No. 104
Dated November 15, 1902.

Survey commenced March 15, 1903.
Survey completed March 25, 1903.

2

Preliminary notes with
Book A' Exts. of T. 14 S., R. 11 E.

Index for

BOOK 800
BOOK 976

3

Index

Parish 14 south, range 11 east

6	79	5	76	4	53	3	40	2	21	1
97	+	96	+	74	+	56	+	39	+	14
7	74	8	72	9	54	10	37	11	17	12
92	+	97	+	71	+	53	+	35	+	15
18	59	17	63	16	51	15	33	14	13	13
58	+	36	+	67	+	44	+	31	+	13
19	84	20	65	21	47	22	29	23	10	24
53	+	51	+	63	+	45	+	28	+	8
30	79	29	81	25	44	27	26	26	6	25
	+		+		+		+		+	
31	78	32	60	33	43	34	24	35	4	36

Subdivision of T¹² S, R 11 E

Chains

Survey commenced March 15, 1903 and executed with a Young and Sons light mountain transit, No. 5607, with solar attachment as heretofore described in *D. Boundary of this Tp*. Performed the adjustments of the transit and find the same in good order.

At 7^h 30^m a.m., C. M. & I set off 32° 11' off on the lat arc; 2° 25' S on the decl arc, and determine a true meridian with the solar at the cor of secs 25, 26, 35 and 36 on the auxiliary base line, as heretofore described.

Thence S 70° E

on a random line to sec 35 and 36.

40.00 Set temp to sec cor.

75.68 Intersect S. by of Sp. at the cor of secs

Subdivision of S 12 S R 11 E.

Chains

35 and 36, as heretofore described

Shaner S run

N. 0° 1' W, on a true line bet secs 35
and 36.

Over level land

Through dry grass and tract
undergrowth

25.05 Dry wash, 20 lbs wide, course Westerly.

35.68 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 35 on W and
36 on E. face, from which

A magnetic, 5 ins diam, bears N 24° E 44
lbs dist, marked $\frac{1}{4}$ S 36 B S.

A magnetic, 5 ins diam, bears S. 47° 45' W
167 $\frac{1}{2}$ lbs dist, marked $\frac{1}{4}$ S 35 B S.

35.98 Dry wash, 10 lbs wide, course Westerly

68.08 Road, bears N. Westerly and S. Easterly

75.68 Corner of secs 25, 26, 35 and 36.

Submission of 314 S. B. 11 C

Chain

Land level.

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

Timber, scattering musquitos, undergrowth,
fraxinoid, musquitos and treetop.

Drone undergrowth, 75.68 chs.

From cor of secs 25, 26, 35 and 26 on
auxiliary base line from
N^o. 1 N, bet secs 25 and 26.

Over land land

Through dense fraxinoid.

4000 Set a musquitos 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 26 on N and
25 on E. face, from which

A musquitos 8 ins diam, bears N. 10° E,
45 $\frac{1}{2}$ lbs dist, marked $\frac{1}{4}$ S 25-B S.

A musquitos 8 ins diam, bears S. 83° 10' N,

Subdivisions of P 14 S R 11 E.

Shims

144 lbs dist, marked $\frac{1}{4}$ S 26 B S8'000 Set a mosquito barst, 13 ft long, 4 ins sq,
with marked stem, 24 ins in the ground
for in of 5000 23, 24, 25 and 26, marked

P 14 S, S 24 on NW,

R 11 E S 25 on SE,

S 26 on S N, and

S 23 on NW fur, with 2 notches on S
and 1 notch on E edge; from whichA mosquito 8 ins diam, bears N. $38\frac{1}{2}^{\circ}$ E, 185 lbs
dist, marked P 14 S R 11 E S 24 B S.A mosquito 7 ins diam, bears S $74^{\circ} 35'$ E, 299
lbs dist, marked P 14 S R 11 E S 25 B S.A mosquito 4 ins diam, bears S $40^{\circ} 40'$ N, 113
lbs dist, marked P 14 S R 11 E S 26 B S.A mosquito, 4 ins diam, bears N. 42° N, 129
lbs dist, marked P 14 S R 11 E S 23 B S.

Land, level and gently rolling

Soil, sandy and gravelly; 2nd and 3rd

Subdivision of S 14 S R 11 E.

chains

rate.

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

Grunt earths

Dense undergrowth, 8000 lbs

S 89° 54' E, on a random line bet secs

24 and 25.

4000 Set Comp 1/4 sec cor.

7990 Persect E ldy of S 14 ^S ~~W~~ ^{SE} ~~E~~ of cor of
secs 19, 24, 25 and 30, as here before
described.

Thence S 1/4

N 89° 56' W

10000 on a true line bet secs 24
and 25.

Over gently rolling land.

Through dense grasewood.

1055 Old road bears N. Westerly and S.

Subdivision 914 S. R. 11 E.

Chains

Easterly.

- 16.50 Dry wash, 25 lbs wide, course Southwesterly
- 31.05 Pond, bars Easterly and Westerly
- 39.95 Set a mosquito 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 24 on N. and
25 on S. face, from which
A mosquito, 3 ins diam bears S. $40^{\circ} 30'$ N,
114 lbs dist, marked $\frac{1}{4}$ S 25 B. S.
- A mosquito, 4 ins diam bears N. 16° N, 176
lbs dist marked $\frac{1}{4}$ S 24 B. S.
- 79.90 Str cor of ores 23, 24, 25 and 26
Sand, brk and gritty rolling.
Soil, sandy and gravelly; 2nd and 3rd rate
Timber, scattering mosquito, under growth,
grasswood and brook.
Giant cactus.
Dense under growth, 79.90 ch.

Subdivision of S 14 S R 11 E

Chain

No. 1 N bet srs 23 and 24

Over land

Through dense grasswood.

- .35- Old road bars N. Easterly and S. Westerly
- .90 Dry wash, 10 lbs wide, course S. Westerly.
- 37.50 Dry wash, 20 lbs wide, course Westerly
- 4.00 Set a mesquite post, 3 ft long, pins sq,
with marked stone 24 ins in the ground,
for $\frac{1}{4}$ sec on marked $\frac{1}{4}$ S 23 on N and
24 in E face, from which
A mesquite, 8 ins diam, bears S 22° 30' E,
161 lbs dist, marked $\frac{1}{4}$ S 24 B B.
- A mesquite, 5 ins diam, bears S 14° 50' W,
241 lbs dist, marked $\frac{1}{4}$ S 23 B B.
- 46.50 Bond, bars N. Westerly and S. Easterly
- 55.90 Dry wash, 20 lbs wide, course Westerly
- 70.40 Dry wash, 20 lbs wide, course Westerly
- 72.40 Dry wash, 20 lbs wide, course S. Westerly
- 79.50 Dry wash, 20 lbs wide, course S. Westerly

Subdivision of S 14 S R 11 E.

S 1000

S 1000

Set a sandstone 18 x 10 x 8 ins, 12 ins in the ground, for evl of acres 13, 14, 23 and 24, marked with 3 notches on S and 1 notch on E edge, from which

A mosquito, 4 ins diam, bears N. 58° 45' E, 112 lbs dist, marked S 14 S R 11 E S 13 B S.

A trocta, 4 ins diam, bears S. 73° E, 116 lbs dist, marked S 14 S R 11 E S 24 B S.

A trocta, 3 ins diam, bears S 31° 50' W, 99 lbs dist, marked S 14 S R 11 E S 23 B S.

No other trees within limit dig pit 18 x 18 x 12 ins, N. W. of stone, 5 1/2 ft dist, and raise a mound of earth 4 ft base, 2 ft high, N of evl.

Land, gently rolling and level.

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

Timber, scattering mosquito, undergrowth grasswood, mosquito, trocta and cacti.

Subdivision of S 14 S 16 11 E.

Chains

Limit easterly.

Dense undergrowth 8000 elev.
 March 15: - at this cor. I set off 2022. I am
 decl. are; and at 12:55^{pm} limit observe the sun
 on the meridian, the resulting lat is 32°13'N

89.50 E ~~89.56 E~~ on a random line bet
 sres 13 and 24.

4000 Set temp⁴ see cor.

49.76 Intersect E bay of Sp ~~78~~⁵ lbs N. of
 the cor of sres 13, 18, 19 and 24, as
 heretofore described.

Phaner Point

N. 89°48' N, on a true line bet sres
 13 and 24.

Over gently rolling land.

Through dense grasswood.

- 6.16 Dry wash, 15 lbs wide, course S. N. & stry
 9.81 Pond, bars Northernly and Southernly
 13.40 Dry wash, 15 lbs wide, course S. N.
 24.70 Dry wash, 30 lbs wide, course S. W.
 39.85 Set a mosquito post, 3 ft long, 4 ins

Submission of 14. 16. 11 C.

Shanis

sq. with marked stone 24 ins in the
ground for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 135 on N
and S 24 on S.

face, dig pits 18x18x12 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.

75.51 Dry wash, 20 lbs wide, corner S. Westly.

78.46 Dry wash, 20 lbs wide, corner S. Westly.

79.76 Plt cor of secs 13, 14, 23 and 24.

Land, gently rolling and level.

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

Timber, scattering mesquite; undergrowth
grasswood, mesquite, brodiaea and cacti.

Giant cactus.

Dense undergrowth, 79.76 chs.

No 1 N, bet secs 13 and 14.

Over gently rolling land.

Through dense grasswood.

Subdivision of S 14 S. R. 11 E.

Stems

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

32.80 Dry wash, 25 lbs, wash, course S. Westerly

4.00 Set a granite stone 20 x 12 x 10 ins, 14 ins
the ground for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on
N. face, from whichA pale rock, 8 ins diam, bears S 58° E,
183 lbs dist, marked $\frac{1}{4}$ S 13 B S.A pale rock, 10 ins diam, bears S 31° N,
158 lbs dist, marked $\frac{1}{4}$ S 14 B S.8.00 Set a sandstone 20 x 10 x 7 ins, 14 ins in
the ground for cor of secs 11, 12, 13 and
14, marked with 4 notches on S and 1
notch on E edge, from whichA pale rock, 4 ins diam, bears N. 35 $\frac{1}{2}$ ° E,
219 lbs dist, marked S 14 S R 11 E S 12 B SA pale rock, 10 ins diam, bears S 34 $\frac{1}{2}$ ° E, 82
lbs dist, marked S 14 S R 11 E S 13 B S.A pale rock, 14 ins diam, bears S 38 $\frac{3}{4}$ ° N,
27 $\frac{1}{2}$ lbs dist, marked S 14 S R 11 E S 14 B S

Subsidence of S 14 S R 11 E.

Chains

A pale verde, 12 in. diam, bears N. $63\frac{1}{2}^{\circ}$ W. 205-
lbs dist, marked S 14 S R 11 E S 11 B D.

Land, gently rolling.

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

Timber, pale verde; undergrowth, grass-
wood and pale verde.

Saint cactus.

Dense undergrowth 5000 ft.

March 15, 1903.

March 16: At 7^h 40^m a.m., I m.t. I
set off $32^{\circ} 13' N.$ on the lat arc;
 $2^{\circ} 01' W.$ on the decl arc and de-
termining a true meridian with the solar
at the end of arcs 11, 12, 13 and 14.

Thence S - m

$S 89^{\circ} 48' E.$ in a random line bet arcs
12 and 13.

Subdivision of S 14 S. R. 11 E.

Chains

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

80.07 Intersect E body of Sp 3 line of the cor of secs 7, 12, 13 and 18, as heretofore described.

Blower & run

N. $89^{\circ}49'$ W, on a true line bet secs 12 and 13.

Over gradually rising ground through pale woods timber and dense undergrowth.

17.47 Dry wash 40 lks wide, course S. Westward

29.37 Dry wash 25 lks wide, course S. Westward

34.27 Dry wash 25 lks wide, course S. Westward

40.022 Set a sundstone $18 \times 10 \times 6$ ins, 12 ins inthe ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N. face; from whichA pale road, 12 ins diam, bears N. 9° E,194 lks dist, marked $\frac{1}{4}$ S 12 B S.A pale road, 12 ins diam, bears S $24\frac{1}{2}^{\circ}$ W,

Subdivision of D 4 S R 11 E

Stems

225 lbs dist, marked $\frac{1}{4}$ S 13 B S.

43.37 Dry wash, 15 lbs wide, course S. Westerly

57.82 Dry wash, 10 lbs wide, course Southwesterly

73.47 Dry wash, 15 lbs wide, course Southwesterly

80.07 The end of ores 11, 12, 13 and 14.

Land, gently rolling and level.

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

Timber, pale woods and scattering iron-wood; undergrowth, pale woods, grass-wood, trees and cacti.

Giant cactus.

Dense undergrowth, 80.07 lbs.

N. 0' N, bet ores 11 and 12.

Over gradually rising ground.

Through pale woods timber and dense undergrowth.

12.30 Dry wash, 15 lbs wide, course S. Westerly

Subdivision of S 1/4 S. R. 11 E.

6 chain

31.00 Dry wash, 15 lbs wide, course S. Westaly

4 000 Set a sandstone 18 x 8 x 6 ins, 12 ins in the ground, for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$ on N. face, from which

A pale, redd, 8 ins diam, bears N. 48 $\frac{1}{4}$ ° E, 40 lbs dist, marked $\frac{1}{4}$ S 12 B S.

A pale, redd, 6 ins diam, bears N. 71 $\frac{1}{2}$ ° W, 104 lbs dist, marked $\frac{1}{4}$ S 11 B S, and raises a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft high, N. of ev.

67.20 Dry wash 60 lbs wide, course S. Westaly

8 000 Set a basalt stone 20 x 8 x 6, 14 ins in the ground, for ev of secs 1, 2, 11 and 12, marked with 5 notches on S. and 1 notch on E. edge, from which

A pale, redd, 6 ins diam, bears N. 58 $\frac{1}{4}$ ° E, 32 lbs dist, marked S 14 S B 11 E S 1 B S.

A pale, redd, 8 ins diam, bears S 43 $\frac{1}{2}$ ° E, 139 lbs dist, marked S 14 S B 11 E S 12 B S.

1
 Intersection of S 14 S R 11 E.

Chains

1 pale wood, 6 ins diam, bears S 14 $\frac{1}{2}$ ° W, 56

lks dist, marked S 14 S R 11 E S 11 B S

1 pale wood, 6 ins diam, bears N. 56 $\frac{1}{2}$ ° W, 87

lks dist, marked S 14 S R 11 E S 2 B S,

and raises or mound of stone 2 ft base,
 1 $\frac{1}{2}$ ft high, N. of cor.

6 rods, gently rolling.

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

Timber, pale wood and scattering iron-
 woods; undergrowth, pale woods, juncos
 and cacti.

Grass cactus

Dense undergrowth, 8.00 chs.

S 89° 49' E, on a random line bet sec
 1 and 12.

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

7.9.80 Entered E. by of Sp 12 lks S. of,

Subdivision of S 14 S. 16. 11 E.

Chains

secs 1, 6, 7 and 12 as heretofore described.

Shiner 3 mm.

N $89^{\circ} 57' W$, on a true line bet sec 1
and 12.

Over generally rolling land

Shingled pale woods timber and some
undergrowth

10.05 Acres

16.80 Top of ridge, bears Northwly and Southwly
and across

20.80 Dry wash, 70 lbs wide, course Southwly

25.30 6 wires, 20 lbs wide, 15 ft deep, course
Southwly.

29.90 Set a sandstone 24 x 8 x 6 ins, 18 ins in
the ground, for $\frac{1}{4}$ sec, w, marked $\frac{1}{4}$
on N. face, from which

A pale woods, 6 ins diam, bears N. $37^{\circ} \frac{1}{2} E$.

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

A pale woods, 6 ins diam, bears S $36^{\circ} \frac{1}{2} W$.

In division of S 14 S B 11 E.

Chains

74 lbs dist, marked $\frac{1}{4}$ S 12 B S, and
raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft
high, N. of cor.

40.80 Ench, 40 lbs wide, 25 ft deep, course
S. Westerly.

69.80 Dry wash, 40 lbs wide, course S. Westerly

79.80 The cor of ores 1, 2, 11 and 12.

Land rolling and mountainous

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

Timber, pale verde and ironwood; un-
dergrowth, pale verde, johod and
cacti.

Grunt cactus.

Mountainous or land covered with
dense undergrowth, 79.80 chs.

N. 5' N, on a random line bet ores
1 and 2.

Subdivision of S 14 S R 11 E.

Chains

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

79.92 Intersect. N. edge of Sp 18 lks E of the
 cor of secs 1, 2, 35 and 36, as here to for descen^g
 Thence $500^{\circ}15'$ on a true line
 bet. sees. 1 and 2
 Over rolling and mountainous land and
 through dense undergrowth
 3.91 Descend

4.61 Enter canyon, course S. Westerly.

5.50 Ascend vertical 40 ft

8.91 Top; ascend

11.91 Dry wash, 10 lks wide, course S. Westerly;
 ascend.

14.91 Top of ridge, bears N. Easterly and S.
 Westerly; ascend.

16.91 Dry wash, 20 lks wide, course S.
 Westerly; ascend.

17.91 Top, bears N. Easterly and S. Westerly;
 ascend.

39.92 Set a galpans stone $18 \times 10 \times 5$ ins, 12 ins
 in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on N face; from which

Subdivision of S 14 S. 16 11 E

Chain

A pale wood, 6 ins diam, bears S. $89\frac{1}{4}^{\circ}$ E, 65
lks dist, marked $\frac{1}{4}$ S 1 B 3.

A pale wood, 6 ins diam, bears N. 50° W,
48 lks dist, marked $\frac{1}{4}$ S 2 B 3; and
raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft
high, N of w.

45.71 Dry wash, 20 lks wide, course S. Westerly;
ascend.

46.91 Top, descend.

49.41 Dry wash, 20 lks wide, course S. Westerly;
ascend.

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

53.91 Dry wash, 20 lks wide, course S.
Westerly; ascend.

55.41 Top, bears N. Easterly and S. Westerly;
descend.

68.96 Dry wash, 10 lks wide, course S. Westerly.

79.92 S lks w of secs 1, 2, 11 and 12.

Subdivision of S 14 S, T6 11 E.

Chains

Land, mountainous and rolling.
Soil, gravelly and stony; 3rd and 4th
rate.

Timber, pale woods and ironwood; un-
dergrowth, pale woods, yucca and cacti.
Giant cactus.

Mountainous or land covered with dense
undergrowth, 79.92 chs

March 16, 1903.

March 17: At 7^h 30^m a.m., I set
S set off 32° 11' N. on the lat arc, 1° 37' S
in the decl arc and determine a true
meridian with the solar at the end of
sres 26, 27, 34 and 35, use auxiliary base
line, see hereofon described.

Shall I run

S 0° 1' E, on a random line bet sres 34
and 35.

Subdivision of S. W. S. R. 11 E.

Chains

4.00

Set traps $\frac{1}{4}$ sec cor.

75.79

Intersect S. by of SW at the cor of secs
34 and 35, as heretofore described

Phases Point

N. 20° W. on a true line bet secs 34 and 35
on land.Through dense mesquite and trestle in-
digrowth.

4.42

Road, bears N. Westerly and S. Easterly

21.34

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

35.79

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 34 on W^d
and 35 on E face, 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.

75.79

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

Subdivision of S 14 S. R. 11 E.

Shaw's

Land, hml.

Soil, sandy loam, 2nd rate.

Timber, scattering mesquite; undergrowth,
mesquite and tree.

Dense undergrowth, 75.79 chs.

From cor of sec 26, 27, 34 and 35 on
auxiliary base line, P run
N⁰° 1' N, bet sec 26 and 27.

Poor hml land.

Through dense tree and undergrowth.

26.10 Road, bears N. Westly and S. Eastly

4.000 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 27 on N.
and 26 on E face; 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 cor.

Subdivision of S 14 S R 11 E

Chain

S 100

Set a mosquito post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for cor of sec 22, 23, 26 and 27, marked

S 14 S S 23 on N E

R 11 E S 26 on S E

S 27 on S W and

S 22 on N W face, with 2 notches on S
and E edges, from which

A mosquito, 6 ins diam, bears $N. 57^{\circ} 50' E$, 176 lbs
dist, marked S 14 S R 11 E S 23 B D.

A mosquito, 5 ins diam, bears $S 37^{\circ} E$, 180 lbs
dist, marked S 14 S R 11 E S 26 B D.

A mosquito, 5 ins diam, $S 23^{\circ} 45' W$, 18 lbs
dist, marked S 14 S R 11 E S 27 B D.

A mosquito, 8 ins diam, bears $N. 37^{\circ} 41' W$, 145-
lbs dist, marked S 14 S R 11 E S 22 B D.
band, band.

Soil, sandy loam; 2nd rate.

Timber, scattering mosquito, undergrowth,

Subdivision of S 14 S R 11 E

Chains

run into tract and grasswood.
 Run many rods, 8000 chs.

S 89° 54' E, on a random line bet srs 23
 and 26.

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

80.11 Intersect N. and S. line 35 lbs S of the
 cor of srs 23, 24, 25 and 26.

Placed 3 run

S 89° 51' N, on a trim line bet srs 23
 and 26.

Over hard land,

through dense grasswood.

4.60 Dry wash, 15 lbs wide, course S. Westly.

4005 $\frac{1}{2}$ Set a measuring 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 23 on N and 26 on
 S face, from which

A measuring 8 ins diam bears N. 38° 45' E

In vicinity of S 14 S. R. 11 E.

Chumie

159 lbs dist. marked $\frac{1}{4}$ S 23 B P.

4 mosquito, 12 ins diam, brass S 62° 20' N, 198

lbs dist. marked $\frac{1}{4}$ S 26 B P.

60.91 Road, brass N. Westerly and S. Easterly

60.11 The cor of sres 22, 23, 26 and 27.

Good, level.

Soil, sandy and gravelly; 2nd and
3rd rate.Timber, scattering mosquito; undergrowth
Grasswood, mosquito and twigs.

Dense undergrowth, 80.11 lbs.

N 0° 1' N, bet sres 22 and 23.

Poor level land.

Through dense grasswood.

20.70 Old road, brass N. Westerly and S.
Easterly.4.000 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,

Subdivision of P 14 S. R 11 E.

Chains

- for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 22 on W and 23
on E face; dig pits 18x18x12 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 cor.
- 53.50 Dry wash, 10 lbs near corner Westly
- 58.80 Old road bars N. Westly and S. Easterly.
- 71.50 Old road bars Easterly and Westly.
- 8000 Set a magenta 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
P 14 S 1/4 on N E
R 11 E S 23 on S E,
S 22 on S W and
S 15 on N W face, with 3 notches on S and
2 notches on E edge; dig pits 18x18x12 ins
in each sec, 5 $\frac{1}{2}$ ft dist, and raise a mound
of earth 4 ft base, 2 ft high, W of cor.
Land, bal.
- Soil, sandy and gravelly; 2nd. and 3rd

Subdivision of T. 14. S. R. 11 E.

Observations

note.

Timber scattering mesquite; undergrowth
grasses, mesquite and total.

Dense undergrowth, rare chi.

N 89° 51' E on a random line bet secs 14
and 23.

44.00 Set trap $\frac{1}{4}$ sec in

80.10 Intersect N. and S. line 22 lbs N. of the
cor. of secs 13, 14, 23 and 24.

Shiner & run

West on a true line bet secs 14 and 23.

Open land.

Through dense grassland.

7.20 Dry wash, 15 lbs wide, course S. Westerly.

24.10 Dry wash, 10 lbs wide, course S. Westerly.

37.20 Pond, bars N. Westerly and S. Easterly.

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

Subdivision of S 14 & B 11 E

6 chains

for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 14 on A and 23
on S face of well which

A magnetic line drum, bears S $34^{\circ} 6'$ 275 lbs
dist marked $\frac{1}{4}$ S 23 B S.

A magnetic line drum, bears N. $50^{\circ} 40'$ N, 51 lbs
dist marked $\frac{1}{4}$ S 14 B S.

80.10 The cor of secs 14, 15, 22 and 23.

Land, but

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

Timber, scattering musquitos; undergrowth
grassmoss, musquitos and tree etc.

Dense undergrowth, 80.10 chs.

March 17, 1903.

March 18: At 7^h 35^m a.m. left, I set
off $32^{\circ} 12'$ N. on the latrod; $1^{\circ} 14'$ S.
on the decl arc, and determine a true
meridian with the solar at the cor of secs

Division of S 14 S R 11 E.

Chains

14, 15, 22 and 23.

Placed P. run

No. 1' W. lat 222 14 and 15.

Over level land.

Through course of grasswood.

- 7.60 Dry wash, 10 lbs wide, course S. Westerly.
- 22.35 Dry wash, 10 lbs wide, course Westerly.
- 27.10 Old road bars Easterly and Westerly.
- 29.60 Road bars N. Westerly and S. Easterly.
- 37.60 Dry wash, 30 lbs wide, course Westerly.
- 40.00 Set a sandstone 18x8x6 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on W face, from which
- A mens. int, 12 ins diam, bars S 35° 24' E,
159 lbs dist, marked $\frac{1}{4}$ S 14 B P
- A mens. int, 8 ins diam, bars S 33° 40' W,
193 lbs dist, marked $\frac{1}{4}$ S 15 B P.
- 43.95 Dry wash, 10 lbs wide, course S. Westerly.
- 47.90 Dry wash, 10 lbs wide, course S. Westerly.

Subdivision of S 14 S. R. 11 E.

6 chains

81.00 Dry wash, 10 lbs wide, course S. Westerly.

76.85 Dry wash, 20 lbs wide, course Westerly.

75.40 Dry wash, 15 lbs wide, course S. Westerly.

80.00 Set a granite stone 18 x 10 x 10 ins, 12 ins in the ground, for cor of ores 10, 11, 14 and 15,

marked with 4 notches on S. and 2 notches on E side, from which

A pale rock, 6 ins diam, bears N 57° E, 179 lbs dist, marked S 14 S. R. 11 E. S 11 B 3.

A pale rock, 6 ins diam, bears S 75° 30' E, 135 1/2 lbs dist, marked S 14 S. R. 11 E. S 14 B 3.

A pale rock, 6 ins diam, bears S 16° N, 81 lbs dist, marked S 14 S. R. 11 E. S 15 B 3.

A pale rock, 6 ins diam, bears N. 69° W, 76 lbs dist, marked S 14 S. R. 11 E. S 10 B 3.

and raise a mound of stone 2 ft base, 1 1/2 ft high N. of cor.

Land, level and gently rolling.

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

Subdivision of S 14 S. R. 11 E

Chain

and 4th rats.

Timber, pale woods and mesquite under-
growth, pale woods, grasswood, mesquite,
trout and cactus.

Prickly cactus.

Some undergrowth, 8000 chs.

East on a random line bet sres 11

and 14.

4000 Set trap 4 srs cor

8000 Intersect N. and S. line 4 7 lbs N. of the
cor of sres 11, 12, 13 and 14.

Shined 1 run

N 89° 40' W on a true line bet sres 11

and 14

Very gradually descending ground.

Though pale woods and scattering iron
wood timber and some mesquite

29 20 Dry wash, 20 lbs wide, course S. Westly.

Subdivision of S 14 S 16 11 E.

6 lines

39.45 Dry wash, 15 lbs wide, course S. Westerly.

4.000 Set a sundstone 20 x 10 x 8 ins, 14 ins in the ground, for $\frac{1}{4}$ sec. w. marked $\frac{1}{4}$ on N. face from which.A pale rock, 12 ins diam, bears S. 25° E, 183 lbs dist, marked $\frac{1}{4}$ S 14 B S.A pale rock, 7 ins diam, bears N. 19° W, 75 lbs dist, marked $\frac{1}{4}$ S 11 B P.

59.50 Dry wash, 15 lbs wide, course S. Westerly.

66.25 Dry wash, 20 lbs wide, course S. Westerly.

78.95 Dry wash, 15 lbs wide, course S. Westerly.

8.000 Set up of 5 res 10, 11, 14 and 15.

Land, gently rolling and level.

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

Timber, pale rock and ironwood. undergrowth, pale rock, grasswood, trocta and cacti.

Print cactus.

Subdivision of S 14 S. R. 11 E

Stems

Dense undergrowth, 8000 lbs.

No. 1 N. lat 10 and 11.

Dense, pretty rolling land.

Through pale woods and scattered mus-
quitos timber and dense undergrowth.

15.80 Dry wash, 15 lbs wide, course S. Westerly.

26.15 Dry wash, 20 lbs wide, course S. Westerly.

4000 Set a sandstone 20 x 8 x 6 in, 14 in in the
ground, for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N. face
from whichA pale woods, 8 ins diam, bears S. 61° E 95 lbs
dist, marked $\frac{1}{4}$ S 11 B S.A pale woods, 7 ins diam, bears S. 81 $\frac{1}{2}$ ° W 140
lbs dist, marked $\frac{1}{4}$ S 10 B S.

55.20 Dry wash, 10 lbs wide, course S. Westerly.

62.25 Dry wash, 40 lbs wide, course S. Westerly.

69.40 Dry wash, 30 lbs wide, course S. Westerly.

75.00 Dry wash, 20 lbs wide, course S. Westerly.

Submission of P 14 S 16 11 E.

Chains

8000

Set a granite stone 18 x 9 x 8 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 side, from which

A pale wood, 10 ins diam, bears N. $54\frac{3}{4}^{\circ}$ E, 86
the dist, marked S 14 S R 11 E S 2 B S

A pale wood, 6 ins diam, bears S $44\frac{3}{4}^{\circ}$ E, 97
the dist, marked S 14 S R 11 E S 11 B S.

A pale wood, 8 ins diam, bears S $71\frac{3}{4}^{\circ}$ W, 132
the dist, marked S 14 S R 11 E S 10 B S.

A pale wood, 8 ins diam, bears N. 57° W, 106
the dist, marked S 14 S R 11 E S 3 B S.

Land, gently rolling.

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

Timber, pale wood scattering mesquite and
ironwood, undergrowth, pale wood, grass-
wood and cork.

Grunt coquina.

Subdivision of S 14 S, R 11 E

Chain

Iron underground 6000 ch.

S 89° 40' E on a random line bet secs 2 and 11.

7000 Set temp $\frac{1}{4}$ sec cor.

8000 Intersect N. and S. line of the cor of
secs 1, 2, 11 and 12. ^{22 cks S.}

Plum P run

N 89° 40' W on a random line bet secs 2 and 11.

Over descending ground.

Through pale rock timber and dense
undergrowth.

34.75 Dry wash, 15 lbs wide course S. Westerly.

4000 Set a sandstone 18 x 12 x 10 ins, 12 ins in the
ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N.
face, from which

A pale rock, 8 ins diam, bears S 72° W 63
lbs dist marked $\frac{1}{4}$ S 11 R S.

A pale rock, 4 ins diam, bears N. 19° W 65

Subdivision of S 14 S. R. 11 E.

Chains

- the dist, marked $\frac{1}{4}$ S $\frac{1}{2}$ B S, and raise a mound of stone 2 ft base $1\frac{1}{2}$ ft high, N of cor.
- 56.40 Dry wash, 15 lbs iron course S. Westerly.
- 8000 The cor of srs 2, 3, 10 and 11.
 Land gently rolling.
 Soil, granly and stony; one and 4th rate.
 Timber, pale woods and ironwood; undergrowth, pale woods, jehora and cacti.
 Fruit cactus.
 Dense undergrowth 8000 lbs.
 March 18: - at this cor. I set off 1011' S on the decl. arc; and, at $12\frac{1}{2}$ $\frac{4}{100}$ P.M. T. 1, observe the sun on meridian; the resulting lat. is $32^{\circ} 15' N$
- N $0^{\circ} 1' W$ on a random line bet srs 2 and 3.
- 4000 Set camp $\frac{1}{4}$ srs cor.
- 79.88 Postmark N. side of Sp 6 lbs W of the cor of srs 2, 3, 34 and 35 - as heretofore described.
 Pioneer Inn

Submission of T 14 S, 16 N E

Blaines

S. E. R. on a true line bet sec 2
and 3.

Line gradually descending toward

through prairie woods timber and dense
undergrowth.

- 5.35 Dry wash, 30 lbs wide, course S. Westerly.
- 6.85 Dry wash, 60 lbs wide, course S. Westerly.
- 24.35 Gulch 15 lbs wide, course S. Westerly.
- 26.70 Gulch, 60 lbs wide, 25 ft deep, course S.
Westerly.
- 39.88 Set a sandstone 20x2x6 ins, 14 ins in the
ground, for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on W
face from which
- A prairie road, 6 ins diam, bears N. 65 $\frac{1}{4}$ ° E
115 lbs dist, marked $\frac{1}{4}$ S. E. B. S.
- A prairie road, 6 ins diam, bears N. 85 $\frac{1}{4}$ ° N
79 lbs dist, marked $\frac{1}{4}$ S. E. B. S. and
rais a mound of stone 2 ft base,
 $\frac{1}{2}$ ft high, N. of cor.

Submission of S 14 & 16 11 E.

Chains

64.35 Dry wash 40 lbs with corner Postoly.

67.85 Dry wash 30 lbs with corner Postoly.

79.88 S in wt of secs 2, 3, 10 and 11.

Sand, rolling.

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

Timber, pale wood and ironwood; m-
growth, pale wood and cacti.

Grunt cacti.

Some undergrowth, 79.88 lbs.

March 18, 1903.

March 19: At 4⁴⁰ a.m. I
v set off 32¹¹ S. on the lat arc, 0° 51' S
on the arc arc; and determine a true
meridian with the solar at the cor of
secs 27, 28, 33 and 34 on the auxiliary
line line, as heretofore described.

Thence I run

Inclusion of S 14 S, R 11 E.

Obtain

S. 0° 2' E on a random line bet ores 33
and 34.

4.00 Set trap $\frac{1}{4}$ ore wt.

76.70 Intersect S. line of 34 at the cor of
ores 33 and 34 as heretofore described.

Shiner Run

N. 0° 2' W on a true line bet ores 33
and 34.

Over land

Through small grasswood.

36.70 Set a sandstone 20x6x6 ins, 12 ins in
the ground, for $\frac{1}{4}$ ore wt, marked $\frac{1}{4}$ on
N. face, from which

A magnetic, 5 ins diam, bears S 34° E, 296
lbs dist, marked $\frac{1}{4}$ S 34 B S, no other
true within limit; dig pits 16x18x12
ins, N. and S of stone, 3 ft dist, and
raise a mound of earth 3 $\frac{1}{2}$ ft diam,
1 $\frac{1}{2}$ ft high, W of cor.

Chains

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

76.70 The cor of sres 27, 28, 33 and 34.

Land, bad

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

Timber, scattering mesquites; undergrowth, grasswood, mesquites and locust

Dense undergrowth, 76.70 chs.

From cor of sres 27, 28, 33 and 34 on auxiliary base line, 1/2 mile

N. 0° 2' N, bet sres 27 and 28.

Over bad land.

Through dense grasswood.

40.00 Set a small rais stone 18x10x6 ins, 12 ins in the ground, for 1/4 s.e. cor, marked 1/4 on N face from which

A mesquite, 8 ins diam, bears S. 58° 30' E, 74 chs dist, marked 1/4 S 27 13 S.

A mesquite, 6 ins diam, bears S 29° 10' W,

In division of S 14 E. R 11 E

Chain

97 lbs dist, marked $\frac{1}{4}$ S 25 B S.

S 89.54 E, cross N. W. to S. E. to S. E. to S. E.

8000 Set a mosquito post 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for cor of srs 21, 22, 27 and 28, marked with 2 notches on S. and 3 notches on E. side; dig pits 18 x 18 x 12 ins in each srs 5 $\frac{1}{2}$ ft dist; and raise a mound of earth 4 ft base, 2 ft high, N. of cor. Round, level.

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

Pinch, scattering mosquito, and growth of grass, mosquito and trees.

Sawt cactns.

Dense undergrowth 8000 ch.

S. 89.54 E, on a random line bet srs 22 and 27.

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

Submission of P 14 S. R. 11 E.

6 lines

79.84 Protract N. and S. line 12 the E of the
cor of sec 22, 23, 26 and 27.

Placed P. run

West for at true line bet sec 22 and 27.

Over land land.

Through dense grass wood.

39.92 Set a mark into post, 3 ft long, 4 in sq
with marked stone, 2 1/2 in in that ground,
for 1/4 sec cor, marked 1/4 S 22 on N. and
27 on S. face, from which

A mark into, 4 in diam, bears N. 65° 50' E,
122 the dist, marked 1/4 S 22 B S.

A mark into, 6 in diam, bears S. 11 1/2° E,
290 the dist, marked 1/4 S 27 B S.

54.00 Dry wash, 10 lbs wide, course Northwly.

56.00 Dry wash, 20 lbs wide, course Northwly.

57.70 Dry wash, 20 lbs wide, course Northwly.

79.84 Pl. cor of sec 21, 22, 27 and 28.

Bound, land.

Submission of S 14 S, R 11 E

Chain

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

Timber, scattering mesquite; undergrowth
grasswood, mesquite and brodiaea.Dense undergrowth 79.84 ch.
March 19: At this cor. 10 set off 00 47' 8" an
decl. arc. and at 12 4 5" in l. i. w. t., observe the
sun on the meridian, the resulting lat is 32° 12' N

N 0 2' W bet 512 21 and 22.

Dry level land.

Through dense grasswood

4000 Set a mesquite post 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec w of marked $\frac{1}{4}$ S 21 on N. and
22 on E. face from which.A mesquite, 5 ins diam, bears S 47 $\frac{3}{4}$ ° E, 106
lbs dist, marked $\frac{1}{4}$ S 22 B S.A mesquite, 3 ins diam, bears S 58° W
101 lbs dist, marked $\frac{1}{4}$ S 21 B S.

50.70 Dry wash, 10 lbs wide, course N. Probably.

53.50 Dry wash 10 lbs wide, course N. Probably.

Subdivision of S 14 S R 11 E

6 chains

- 56.00 Dry track 10 chs wide, course West only.
 62.55 Suction fence, bars N 24° W, about 10 chs
 and S 24° E about 20 chs
 70.00 Reservoir bears 4 chs. East
 78.54 Suction fence, bars N 64° E about 4 chs
 and S 64° W about 10 chs.

80.00 Set a murginte post 3 ft long, 4 ins sq
 with marked stone, 24 ins in the ground,
 for cor of secs 15, 16, 21 and 22 marked
 S 14 S S 15 on NW

R 11 E S 22 on S E

S 21 on S N and

S 16 on N. W. face, with 3 notches on S
 and E. edges, from which

S murginte 4 ins diam, bars N. 43° W, 470

lbs dist, marked S 14 S R 11 E S 16 B S,

S murginte, 5 ins diam, bars N. 75 3/4° W, 120

lbs dist, marked S 14 S R 11 E S 16 B S; no

other crosses within limit, dig pits

18x18x12 ins NW S E and SW of stone.

Subsistence of S. 14 S. R. 11 E.

6 rains

5 $\frac{1}{2}$ ft dist, and raise a mound of earth,
4 ft base, 2 ft high, N of cor.

Good land.

Soil, sandy loam and sandy, and and
3rd rats.

Timber, scattering magnolia, undergrowth,
magnolia trees and grasswood.

Pinus undergrowth, 8,000 lbs.

East on a random line bet secs 15
and 22.

4 000 Set a trap $\frac{1}{4}$ sec cor.

79.70 Intersect N. and S line 14 lbs S of the
cor of secs 14, 15, 22 and 23.

Primer Point

~~S. 89° 54' W~~

~~S. 89° 54' W~~ on a true line bet secs 15 and 22

Over land land.

Enough small grasswood.

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

Excursions of 314 S. P. 11 E

Chain

with marked steel, 24 in in the ground, for
 4 or 6 in marked $\frac{1}{4}$ S 15 on N and 22 on
 S face; dig into 15 x 15 x 12 in, E and
 N of post, 8 ft dist and raise a mound
 of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high, N of cor.

- 51.72 Road bars North and South.
 75.64 Pasture fence, bars N 32° W and S 32° E;
 cor of fence, bars 30 lbs N. W.
 76.50 Pasture fence, bars N 64° E and S 64° W
 79.72 3rd cor of lines 15, 16, 21 and 22.

Land, coal.

Soil, sandy loam, sandy and gravelly;
 sand and 3rd beds.

No timber, undergrowth, grasswood.

Some undergrowth 79.72 ch.

March 19, 1903.

March 20 : At 7^h 30^m a.m. in lat. S
 set off $32^{\circ} 12' S$. on the lat. arc,

Subdivision of P. 14 & R. 11 E.

Chains

654 ✓

0' 27" S. on the steel wire and determine a true meridian with the solar at the cor of srs 15, 16, 21 and 22

Shovel 3' run

70° 5' N, bet srs 15 and 16.

Open level land.

Through dense grasswood.

4000

Set a mosquito 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 16 on W and 15 on E face, 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 cor.

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

62.25 Dry wash, 15 lbs wide, bears Westerly.

66.66 Road, bears Easterly and Westerly.

8000 Set a mosquito post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of srs 9, 10, 15 and 16, marked

Subdivision of S 14 S. R 11 E

Chains.

S 14 S S 10 on N E,

R 11 E S 15 on S E,

S 16 on S W and

S 9 on N W face, with 4 metres on S
and 3 metres on E edge, from which

A tree, 4 ins diam, bears N 37° E, 29 lbs
dist, marked S 14 S R 11 E S 10 B B.

A mesquite, 6 ins diam, bears S 75° 45' E, 86
lbs dist, marked S 14 S R 11 E S 15 B B.

A mesquite, 8 ins diam, bears N 88° 40' W, 258
lbs dist, marked S 14 S R 11 E S 9 B B, 100

other trees within limit; circ. 1 ft, 75 x 15 x 12
ins, S N of post, 5 1/2 ft dist, and raised a
mound of earth, 4 ft base, 2 ft high,
N of cor.

Ground, level.

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

Timber, scattering mesquite, undergrowth

Subdivision of S 14 S. R. 11 E.

Observations

Grasswood, mosquito and tract.
Dense undergrowth, 5000 chs.

S 89° 54' E, on a random line bet secs 10
and 15.

4 200 Set trap $\frac{1}{4}$ sec 10.

79.92 Intersect N. and S. line, the S of the
cor of secs 10, 11, 14 and 15.

Phaner Pinn

N 89° 54' W, on a true line bet secs 10 and 15.
Over level land.

Through dense undergrowth.

39.96 Set a mosquito post, 3 ft long, 4 ins dia,
with marked stone 24 ins in the ground, for
 $\frac{1}{4}$ sec 10, marked $\frac{1}{4}$ S 10 on N and 15 on
S face, from which

A mosquito 5 ins diam, bears N 84° 4' E, 185
the dist, marked $\frac{1}{4}$ S 10 B. S.

A mosquito 5 ins diam, bears S 37° W, 185

Subdivision of S 14 S R 11 E

Stanis

The dirt marked to S 15 B S.

79.92 S W cor of secs 9, 10, 15 and 16.

Good land.

Soil, sandy and gravelly; red and iron trace.

Timber, scattering prairie wood and mus-
quitos; undergrowth, prairie weeds grass-
weed and earth.

Grain culture.

Orchard undergrowth, 79.92 chs.

N 0 2 W bet secs 9 and 10

Very bad land.

Through some grasswood.

- .85- Dry wash, 10 lbs wide, course N. W. to S. E.
- 17.70 Dry wash, 25 lbs wide, course N. W. to S. E.
- 29.60 Dry wash, 15 lbs wide, course S. W. to S. E.
- 34.70 Dry wash, 20 lbs wide, course S. W. to S. E.
- 4.00 Set a musquitos post, 3 ft long, 4 ins sq,
with marked stone 24 ins in the ground,

Subdivision of S 14 S R 11 E.

Chairs

For 2 ore cor marked $\frac{1}{4}$ S 9 on N and 10 on E face, from which

1 mesquite, 4 ins diam, bears S 66 $\frac{1}{2}$ ° E, 203

the dist marked $\frac{1}{4}$ S 10 B S.

1 mesquite, 12 ins diam, bears S 33° N, 207

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

46.10

Dry wash 30 the wide course S. Westerly.

8.000

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

S 14 S S 3 on N E,

R 11 E S 10 on S E,

S 9 on S N and

S 4 on N. N face, with 5 notches on S and 3 notches on E edge, from which

1 pale wood, 12 ins diam, bears N 62° E, 235

the dist marked S 14 S R 11 E S 3 B S.

1 pale wood, 14 ins diam, bears S 42° E, 203

the dist marked S 14 S R 11 E S 10 B S.

Subdivision of S 14 S R 11 E

6 lines

A pale verde, 12 in diam, bears S 64 $\frac{1}{2}$ N 44

The dist. marked S 14 S R 11 E S 9 B S

A pale verde, 12 in diam, bears N 29 $\frac{1}{2}$ W 32 S

The dist. marked S 14 S R 11 E S 4 B S

Lands bel.

Soil, sandy and gravelly; 2nd and 3rd
rate.Scattered pale verde, scattering magnite
and ironwood; undergrowth grass-
wood, pale verde and cacti.

Grass cacti.

Dense undergrowth, 8000 lbs.

S 89° 54' E, on a random line bet 5, 6, 8
and 10.4000 Set trap $\frac{1}{4}$ size cor.80.20 Put out N. and S line at the cor of
5, 6, 8, 10 and 11.

Phaner Drum

Embodiment of S 14 S, R 11 E

Chains

N 89° 57' W on a true line bet oris 3 and 10.

Over the ending ground.

Through prairie and timber and dense undergrowth.

20.20 Dry wash, 15 lbs wide, course S. Westerly.

34.25 Dry wash, 40 lbs wide, course S. Westerly.

40.10 Set a granite stone 20 x 8 x 6 ins, 14 ins in the ground, for $\frac{1}{4}$ sec w, marked $\frac{1}{4}$ on N. face,

A prairie road, 12 ins diam, bears N 24 $\frac{3}{4}$ ° E, 46 lbs dist, marked $\frac{1}{4}$ S 3 B P.

A prairie road, 14 ins diam, bears S 29 $\frac{1}{2}$ ° W, 68 lbs dist, marked $\frac{1}{4}$ S 10 B P.

69.55 Dry wash, 20 lbs wide, course S. Westerly.

76.20 Dry wash, 20 lbs wide, course S. Westerly.

80.20 The cor of oris 3, 4, 9 and 10

Land, partly rolling.

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

Subdivision of S 14 & R 11 E

Chains

Timber, pile roads and scattering
 occurred, undergrowth, pile roads,
 grasswood and cacti.

Grain cactus.

Dense undergrowth, 80.20 ch.

N 0° 2' N, on a random line bet secs

3 and 4.

4.000 1st trap $\frac{1}{4}$ sec cor.

49.92 Persecut N. bay of Sp at the cor of
 secs 3, 4, 33 and 34, as here of sec dis-
 tribed.

Shiner Dam

S 0° 2' E, on a true line bet secs 3 and 4.

Over gently rolling land.

Strongly dense grasswood and cacti.

4.82 Dry wash, 25 lbs wide, course S. W. to S. E.

18.62 Dry wash, 30 lbs wide, course S. W. to S. E.

15.47 Dry wash, 40 lbs wide, course, W. to S. E.

Subdivision of S 14, T 11 E.

Chains

28.92 Dry wash, 10 lbs wide, course Westly.

35.92 Set of granite stones 18x10x8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N. face, from whichA pale rock, 8 ins diam, bears S $70^{\circ} \frac{1}{2}$ E, 92
the dist, marked $\frac{1}{4}$ S 3 B S.A pale rock, 8 ins diam, bears N 75° W, 105
the dist, marked $\frac{1}{4}$ S 4 B S.

44.42 Dry wash, 15 lbs wide, course Westly.

33.42 Dry wash, 10 lbs wide, course Westly.

73.72 Dry wash, 10 lbs wide, course Westly.

79.92 The cor of secs 8, 4, 9 and 10.

Land, gently rolling.

Soil, sandy, generally well stony; 2nd
3rd and 4th rate.Timber, pale woods and ironwood; under
growth, pale woods, and cacti.

Slight cactus.

Dense undergrowth, 79.92 chs.

Subdivision of S 14 S. R. 11 E.
Chains

March 20, 1903.

March 21 : At 7^h 50^m a.m., (m.t.)
Post off 32° 11' N. on the lat arc,
0° 03' S. on the arc way and
at terminal a true meridian with the
solar at the cor of srs 28, 29, 32 and
33 on the auxiliary base line as
heretofore described.

Shiner P. arm

S 0° 2' E on a random line bet srs 32
and 33

4.00 Set 7 pins $\frac{1}{4}$ srs cor.

7.83 Post set S. bay of S 14 at the cor of srs
32 and 33 as heretofore described.

Shiner S. rim

N 0° 2' W on a true line bet srs 32 and 33
Over level land.

Through dense undergrowth