

796

T14 S. BOOK 796

(SUBDIVISION)

CONTRACT 104

PH. CONTZEN
U.S. DEP. SUR

1.

No. 796

BOOK 796

4-671

FIELD NOTES
GENERAL LAND OFFICE.

E.

data for Exp. Dec. 10/03
Gmbs

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4-611

FIELD NOTES
GENERAL FIELD OFFICE

For Authority of red ink corrections
see D. Gmbs Letter of Feb 11th 1904
see checked L & Gmbs July 12/04

No. 796

Field Notes
of the survey of the
Subdivision Lines

of
Township No. 14 South
Range No. 10 East

of the
Gila and Salt River Basins and Meridian
in the

Territory of Arizona

as surveyed by

Philip C. Smith

U. S. Deputy Surveyor

Under his contract No. 104

Dated November 15, 1902

Survey commenced April 2, 1903.

Survey completed April 10, 1903.

2

BOOK 796

Preliminary oaths with Book
A. Exts. 714 S. R. 11 E

BOOK 796

Index.

BOOK 797

Summits 14 south, ranges 10 east.

6	87	5	70	4	58	3	39	2	21	1
85	+	83	+	65	+	57	+	33	+	19
7	81	8	66	9	63	10	36	11	17	12
79	+	77	+	64	+	53	+	34	+	16
18	75	17	62	16	51	15	32	14	12	13
74	+	72	+	60	+	49	+	30	+	12
19	20	21	47	22	29	23	10	24		
	+		+		+	46	+	27	+	8
30	MOUN	29		28	44	27	25	26	6	25
	+		+		+		+			
31		32		33	41	34	22	35	4	36

Subdivision of S 14 & R 10 E

chains

Survey commenced April 2, 1903, and executed with a Leica and Tins light mountain transit, No. 5607, with solar attachment, as heretofore described, in South Bdy. of T. 14 S R. 10 E. I examine the adjustments of the transit and find the same in perfect condition.

At 7^h 00^m a.m. L. m. t. set off $32^{\circ} 11' N$ on the lat. arc, $4^{\circ} 39' W$ on the decl. arc and determined a true meridian with the solar at the cor of sec 25, 26, 35 and 36 on the auxiliary base line, as heretofore described.

Thence S run

Southly on a random line to sec 35 and 36.

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

83.80 Intersect S bdy of S 14th W 27th W 8th of cor of sec 1, 2, 35 and 36, as heretofore described.

Subdivision of S 14 S R 10 E

Chain

Thomas Firm

N 511 E

N 0° 41' E, in a low land but sees 35
and 36

Over low land.

S through dense grasswood.

8.80 Enter grasswood, bears N. Easterly and
S. Westerly; enter dense mesquite un-
dergrowth.16.80 Enter heavy mesquite timber, bears
Easterly and Westerly.

17.95 Soil, bears Easterly and Westerly.

26.97 Wire fence, bears S 35° E, about 1 ch, thence
S 60° E; bears mesquite timber and
undergrowth and enter dense charrizo32.80 Wire fence, bears S 50° W, about 4 ch,
and N 50° E, enter dense mesquite un-
dergrowth.

38.38 End bears S. Westerly and N. Easterly.

40.00 Ceciliaño: Amos house east 6 ch West

43.80 Set a mesquite post, 2 ft long, 4 ins sq,

Subdivision of S 14 S R 10 E.

Chains

with marked steel, 24 ins in the ground,
 fast to side cor, marked $\frac{1}{2}$ S 35 $^{\circ}$ W and
 36 in E face, from which,

A mesquite, 8 ins diam, bears N 78 $\frac{3}{4}$ $^{\circ}$ E, 85
 lbs dist, marked $\frac{1}{4}$ S 36 B &

A mesquite, 8 ins diam, bears S 30 $\frac{1}{4}$ $^{\circ}$ W, 30
 lbs dist, marked $\frac{1}{2}$ S 35 B &

83.80 A line cor of surs 25, 26, 35 and 36.

Bound line.

Soil, sandy loam, 2nd rate.

Timber, mesquite and paulo verde; mes-
 quite, mesquite, grasswood, palo
 verde and bachata.

Heavily timbered or land covered with
 mesquite, 83.80 chs.

From cor of surs 25, 26, 35 and 36, on
 the auxiliary base line, I run
 No. 1 N, bet surs 25 and 26.

Subdivision of S 14 S R 10 E

Chronis

Poor land land

Thorough mesquite timber and dense
mesquite growth.

4500 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for ev of sec 22, marked $\frac{1}{4}$ S 22 on N. and
25 on E face; from which

4 mesquite, 7 ins diam, bears S 82 $\frac{1}{2}$ ° E 158
the dist, marked $\frac{1}{4}$ S 25 B S.

4 mesquite, 8 ins diam, bears S 71 $\frac{1}{2}$ ° W
287 the dist, marked $\frac{1}{4}$ S 26 B S.

8000 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for ev of sec 23, 24, 25 and 26, marked
S 14 S 24 on N E.

R 10 E S 25 on S E,

S 26 on S W and

S 23 on N. W face, with 2 notches on S
and 1 notch on E edge; from which

Subdivision of S 17 S, 16 10 E.

Chain

A mesquite, 4 ins diam, bears N 37° E, 108

This dist. marked S 14 S 16 10 E S 24 B S

A mesquite, 4 ins diam, bears S 24 3/4° E, 406

This dist. marked S 14 S 16 10 E S 25 B S

A mesquite, 4 ins diam, bears S 49° N 223

This dist. marked S 14 S 16 10 E S 26 B S

A mesquite, 4 ins diam, bears N 22 1/2° W

324 This dist. marked S 14 S 16 10 E S 23 B S

Very fine 15 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, N. of cor.

Sand, brk

Soil sandy loam, sand rate.

Timber, mesquite, undergrowth, mes-
quite, treata and grasswood.

Dense undergrowth, 8000 lbs.

Cuts on a random line bet secs 24
and 25.

Subdivisions of S 14 S. R. 10 E.

Chain

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

8000 Intersect E. leg of N 6th $\frac{1}{4}$ of the
 W. of secs 19, 24, 25 and 30 which is a
 mosquito post marked and returned
 as described by the surveyor general.
 Thomas Brown

N 89° 55' R. on a sand line bet secs 24
 and 25

Over land land.

Through dried mosquito and tree
 undergrowth.

40047 Set a mosquito 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 24 on N and
 25 on S face; from which

A mosquito 4 ins diam, bears N 4 $\frac{3}{4}$ ° E,
 35 the dist marked $\frac{1}{4}$ S 24 TB S.

A mosquito 4 ins diam, bears S 37° W,
 46 the dist marked $\frac{1}{4}$ S 25 TB S.

Submission of S 14 S R 10 E.

Chassis

- 41.09 Dry wash, 10 lbs under covers Northwly.
 53.65 Trail bars Northwly and Southwly.
 70.30 Trail bars Northwly and Southwly.
 80.09 The row of 22's 23, 24, 25 and 26.

Land, bare

Soil sandy loam, 2nd and 3rd rates.

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

Dense undergrowth 3000 ft.

April 2: At this eq., set off $40^{\circ}42'11''$ on the
 decl. arc, and, at $12^{\text{h}} 6^{\text{m}}$ L.M.T., observe the sun
 on the meridian; the resulting lat. is $32^{\circ}12' N$

N 01 W bet 22's 23 and 24.

Poor land.

Through dense undergrowth.

- 4000 Set a mesquite post, 3 ft long 4 ins sq,
 with marked stem, 24 ins in the ground,
 for $\frac{1}{4}$ sec cov, marked $\frac{1}{4}$ S 23 on W and
 24 on E face; from which
 A mesquite, 8 ins diam, bears N 48° E,
 or the dist, marked $\frac{1}{4}$ S 27 B S.

Subdivision of S 14 S R 10 E.

Chain

A mosquito, 5 ins chain, bears $S 34^{\circ} W$, 109
 lbs dist, marked $S 23 B S$.

2377 Bone, bears N. Westerly and S. Easterly.

8000 Set a mosquito post, 3 ft long, 4 ins sq,
 with marked stone, 24 ins in the ground,
 for cor. of 2413 13, 14, 23 and 24 marked
 $S 14 S S 13$ on NE.

R 10 E S 24 on SE.

S 23 on S W and

S 14 on N. W. Corner with 3 notches on S
 and 1 notch on E side; from which
 A mosquito, 4 ins chain, bears $N 78^{\circ} E$, 125
 lbs dist, marked $S 14 S R 10 E S 13 B S$.

A mosquito, 5 ins chain, bears $S 62^{\circ} E$, 248
 lbs dist, marked $S 14 S R 10 E S 24 B S$.

A mosquito, 3 ins chain, bears $S 57^{\circ} W$, 89
 lbs dist, marked $S 14 S R 10 E S 23 B S$.

A mosquito, 4 ins chain, bears $N 72^{\circ} W$, 339
 lbs dist, marked $S 14 S R 10 E S 14 B S$.

Subdivision of S 14 S, R 10 E

Chain

Lund, Ind.

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

Timber, scattering magnolia; undergrowth,
magnolia, hickory and grasswood.

Dense undergrowth 8000 shd.

N 89° 58' E on a random line bet secs 13
and 24.

7000 - bet town & sec cor.

80.16 Anterior E. city of Sp. at the cor of secs
13, 18, 19 and 24, which is a magnolia forest
magnolia and hickory as described by
the surveyor general.

Shiner Farm

N 89° 58' E on a random line bet secs 13 and 24.

Over land land.

Shiner dense undergrowth.

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

3338 Road, bears N. Westerly and S. Easterly.

Subdivision of S 14 S, R 10 E.

Chain

34.56 Dry wash, 10 hrs north, course Northw'dly.

40.08 Set a mosquito pole, 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 13 on N. and
24 on S. face, from whichA mercury 5 ins chain bears S 33 $\frac{1}{2}$ ° W, 63.
The dist, marked $\frac{1}{4}$ S 24 B P.A mercury 5 ins chain bears N 66° W, 172.
The dist, marked $\frac{1}{4}$ S 13 B P.

80.16 The cor of lines 13, 14, 23 and 24.

Land, incl.

Soil, sandy loam, 2nd and 3rd Natl.

Timber, containing mesquite; under-
growth, mesquite, tussock and grasswood.

Dense undergrowth, 80.16 chs.

April 2, 1903.

April 3: Set 7th 30th in m; line 7, S 22.5 ft
32° 18' N on the lat arc; 5° 2' W on

Subdivision of S. 14 S. R. 10 E.

Shiners

Set steel wire and determine a corner
meridian with the steel at the cor of
secs 13, 14, 23 and 24.

Shiner's Corner

No. 1 N. bet secs 13 and 14.

Over land land.

Strongly dense undergrowth

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

4000 Set a mercurite 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 13
on E face, from which

A mercurite, 4 ins diam, bears N $41^{\circ} 6'$ W,
the dist, marked $\frac{1}{4}$ sec 13 B. S.

A mercurite, 4 ins diam, bears S 37° W,
the dist, marked $\frac{1}{4}$ S 14 B. S.

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

8000 Set a mercurite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,

Subdivision of S 14 S R 10 E.

chains

for cor of sec 11, 12, 13 and 14, marked

S 14 S S 12 on NW

R 10 E S 13 on S E

S 14 on S W and

S 11 on R W fence, with 4 notches on S
and 1 notch on E side; from which

A mesquite, 4 ins diam, bears $N 41^{\circ} \frac{1}{2} E$, 113

the dist. marked S 14 S R 10 E S 12 B S.

A mesquite, 12 ins diam, bears $S 22^{\circ} E$, 586

the dist. marked S 14 S R 10 E S 13 B S.

A mesquite, 10 ins diam, bears $S 76^{\circ} 20' W$, 252

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

A mesquite, 5 ins diam, bears $N 75^{\circ} \frac{1}{2} W$, 627

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

Land level.

Soil, sandy loam, and sand and gravel.

Timber, scattering mesquite, under-
growth, mesquite, brush and grass-
wood.

Chains

Subdivision of A 4 S 16 10 E.

Dense undergrowth, 8000 lbs.

S 89° 58' E, on a random line bet 5425 12
and 13.40.10 Set stake $\frac{1}{4}$ sec cor.50.20 Intersect E. side of N 8 the S of the
cor of 5425 & 12, 13 and 15 which is a
marginal post, marked and intersected
as described by the surveyor general.

Shaner Dam

S 89° 59' N on a true line bet 5425 12 and 13
Over level land.

Through dense undergrowth.

40.10 Set a marginal post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 12 on N. and
13 on S. part, from which
A marginal, 4 ins diam, bears S 56° 24' 20
the dist, marked $\frac{1}{4}$ S 13 B.S.

Subdivision of S 14 S, R 10 E.

Chain

4 mrs gntz, 4 mrs drain bars N. 65° 10' W
106 the dist marked $\frac{1}{4}$ S 12 B P.

22.68 Soil bars N. Westly and S. Eastly.

80.20 This cor of secs 11, 12, 13 and 14.

Sandy land.

Soil sandy loam and sandy; 2nd
and 3rd rates.

Timber, scattering mesquite; under-
growth, mesquite, hick and grass-wood.

Dense undergrowth, 80.20 chs.

N 0° 1' W Set secs 11 and 12.

Low land.

Through dense undergrowth.

13.83 Soil bars N. Westly and S. Eastly.

16.73 Soil bars N. Westly and S. Eastly.

400 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 4 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 11 on W and 12

Subdivision of S 14 S R 10 E.

Chains

on E. face, from which

A mesquite, 4 ins diam, bears N. 59° E.

148 lbs dist, marked $\frac{1}{4}$ S 12 B S.

A mesquite, 4 ins diam, bears N 34° 20' W,

17 lbs dist, marked $\frac{1}{4}$ S 11 B S.

Set a mesquite post, 3 ft long, 4 ins sq,
with marked stones, 24 ins in the ground,
for cor of ores 1, 2, 11 and 12, marked
S 14 S S 1 on N E.

R 10 E S 12 on S E,

S 11 on S N² and

S 2 on N W face with 5 notches on S.
and 1 notch on E ridge, from which

A mesquite, 4 ins diam, bears N 26° E, 138
lbs dist, marked $\hat{0}$ 14 S R 10 E. S 1 B S.

A mesquite, 4 ins diam, bears S 63° E, 176

lbs dist, marked S 14 S R 10 E S 12 B S.

A mesquite, 4 ins diam, bears S 64° W, 344

lbs dist, marked S 14 S R 10 E S 11 B S.

Subdivision of S 14 S. R 10 E.

Chambers

A meadow 6 ins drain, bears $N 7^{\frac{1}{2}} W 260$
 the dist marked S 14 S. R 10 E S 2 B S.
 Land level and fairly rolling.
 Soil, sandy and gravelly; 2nd, 3rd
 and 4th rate.

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

Dense undergrowth 3000 chd.
 April 3: at this cor. I set off 5⁰⁵ A.M. an
 alidare; and at 12⁴⁵ 5⁰⁰ P.M. observe
 the sun on the meridian; the resulting lat is $32^{\circ} 15'$

$N 89^{\circ} 59' E$ on a random line bet secs
 1 and 12.

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

80.00 Point out E bay of $N 7$ the S of the
 cor of secs 1, 6, 7 and 12, which is a
 meadow, well marked and witnessed
 as described by the surveyor general.

Shaner S. m.

$S 89^{\circ} 59' ⁵⁶ W$ on a true line bet secs 1
 and 12.

Subdivision of N 4 S R 10 E.

Chain

Open land.

Through dense undergrowth.

40.10 Set a mosquito post, 3 ft long, 4 ins dia,
with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 1 on N. and 12
on S face, from which

A mosquito, 4 ins diam, bears S $71^{\circ} 5'$ W,
242 lbs dist, marked $\frac{1}{4}$ S 12 B S.

A mosquito, 4 ins diam, bears N $25^{\circ} 10'$ W,
436 lbs dist, marked $\frac{1}{4}$ S 1 B S.

61.08 Nail bars N. Westly and S. Eastly.

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

Good, level and gently rolling.

Soil, sandy and gravelly; red and
red rot.

Timber, scattering mosquito; under-
growth, mosquito, locust and grasswood.

Dense undergrowth, 8020 lbs.

Inclusions of S 14 S, R 10 E.

Chain

No. 1 N, on a random line bet secs 1 and 2.

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

7999 Intersect N. edge of Sp 14 the N of the cor of secs 1, 2, 35 and 36, as heretofore described.

Phases Run

So. 5' N, on a line bet secs 1 and 2.

Over gently rolling land.

Through dense undergrowth.

8999 Set a mosquito trap, 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 2 on W and 1 on E face; from which

A mosquito, 4 ins diam, bears N 41° E, 138 lbs dist, marked $\frac{1}{4}$ S 1 B S.

A mosquito, 4 ins diam, bears S 88° W, 198 lbs dist, marked $\frac{1}{4}$ S 2 B S.

Subdivision of S 14 S, T 10 E

Chano

5094 Trail bars N. Westly and S Eastly.

2229 The cor of secs 1, 2, 11 and 12.

Ground level and gently rolling.

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

Timber scattering mesquites; under-
growth, grasswood and mesquite.

Dense undergrowth, 79.99 chs.

April 3, 1903.

April 4: At 7^h 20^m in my boat, I set off
32911 N on the lat arc, 5° 25' N on
the decl arc, and determined a true
meridian with the solar at the cor of
secs 26, 27, 34 and 35, on the auxiliary
base line, as heretofore described.

Phaner Penn

North on a random line bet secs
34 and 35.

Subdivision of S 14 S. R. 10 E.

Chain

- 4.00 Set 2nd pt in sec 34.
- 87.80 Entire S. E. 1/4 of Sec 27 lbs E of top cor
of sec 2, 3, 34 and 35, as heretofore described
Thence S 1/4
N 0° 1' E, on a 7th line bet sec 34
and 35.
- Over mountainous land.
Along E slope of ridge, through small
undergrowth.
- 5.80 Descend.
- 15.70 Dry wash, 10 lbs wide, course N. E.;
ascend.
- 21.80 Top of ridge, 100 ft or less dry wash,
base E. side and W. side; descend.
- 32.30 Dry wash, 100 ft below top of ridge, 20
lbs wide, course E. side; descend.
- 36.80 Top of E slope of ridge; descend.
- 46.10 Dry wash, 10 lbs wide, course E. side;
thence over rolling land.

Subdivision of D₁₄ S. B. 10 E.

6 h. min

47.80

Set a sandstone 21 x 12 x 6 ins, 14 ins in
the ground, for $\frac{1}{4}$ ore ev, marked $\frac{1}{4}$ on W
face; from which

A pale rock, 6 ins diam, bears S 48 $\frac{3}{4}$ ° E

44 lbs dist, marked $\frac{1}{4}$ S 85° 13 E.

A pale rock, 6 ins diam, bears N 69 $\frac{3}{4}$ ° W

179 lbs dist, marked $\frac{1}{4}$ S 84° 13 E.

68.50 Dry wash, 30 lbs wide, course Easterly.

72.75 Dry wash, 10 lbs wide, course Easterly.

73.77 Soil, bears Easterly and Westerly.

82.40 Dry wash, 15 lbs wide, course Easterly.

87.80 The ev of ores 26, 27, 34 and 35.

Land, rolling and mountainous.

Soil, sandy, gravelly and stony; 2nd,
3rd and 7th rates.

Primer, pale rock, mesquite and iron-
ore; intermediate to pale rock, grass-
woody tract, barabara and earth.

Point eastern.

Submission of S 14 S R 10 E

Chain

Mountainous or land covered with
dense undergrowth, 87.80 chs.

From the cor of ores 22, 27, 34 and 35 on
the auxiliary base line, Point
N 0 1/2 W, bet ores 26 and 27.

Very gently rolling land.

Through oak wood timber and dense
undergrowth.

19.10 Dry wash, 10 lbs wide, course Easterly.

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

27.90 Dry wash, 30 lbs wide, course N. Easterly.

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 27 on W and
26 on E face, from which

A pole iron, 10 ins diam, bears $N 61 \frac{3}{4}^{\circ} E$,
200 lbs dist, marked $\frac{1}{4}$ S 26 S P.

An iron rod, 12 ins diam, bears $S 22 \frac{1}{2}^{\circ} N$,

Subdivision of S 14 & R 10 E.

6 chains

- 76 lbs dist, marked $\frac{1}{4}$ S 27 B S.
- 42.30 Dry wash, 10 lbs wide, course N. Easterly.
- 54.48 16 mil bars N. Westerly and S. Easterly.
- 57.70 16 mil bars N. Westerly and S. Easterly.
- 59.75 Dry wash, 10 lbs wide, course N. Easterly.
- 8000 Set a magnetic post, 3 ft long, 4 ins sq,
with marked stem, 27 ins in the ground,
for cor of ores 22, 23, 26 and 27, marked
S 14 S 23 on N 6,
R 10 E S 26 on S 6,
S 27 on S W and
S 22 on N W line, with a notch on S
and E edges, from which
A magnetic, 6 ins diam, bars N 71° 10' E, 285
lbs dist, marked S 14 S R 10 E S 23 B S.
- A magnetic, 7 ins diam, bars S 77° E, 123
lbs dist, marked S 14 S R 10 E S 26 B S.
- A magnetic, 8 ins diam, bars S 28 $\frac{3}{4}$ ° W, 289
lbs dist, marked S 14 S R 10 E S 27 B S.

Subdivision of S 14 S R 10 E.

Charris

A. mosquito, 6 ins diam, bars $757^{\circ} 14'$, 106

the dist, marked S 14 S R 10 E S 22 B. P.

Sand, level and fairly rolling.

Soil, sandy and gravelly; 2nd and 3rd
rateTimber, pale woods, mosquito and green-
wood; more growth, pale woods, grass-
wood, trestle, lachata and oak.

Grain: wheat.

Dense, undergrowth, 8000 chs.

April 4: - At this cor. set off 5028' of
on the decl. arc, and 12 1/2 8" l. m. f. observe the
sun on the meridian; the resulting lat $82^{\circ} 12'$ East, on a random line bet secs 23
and 26.4000 set temp $\frac{1}{4}$ sec ev.7993 Intersect N. and S. line 3 the S of the
cor of secs 23, 24, 25 and 26.

Thames Run

 $89^{\circ} 39' W$, on a random line bet secs
23 and 26.

Submission of S 17 S R 10 E.

6 chains

3226 Trail, bears Northerly and Southerly.

32962 Set a maginita 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 maginita, 4 ins diam, bears S $84\frac{1}{2}^{\circ}$ W, 224 lbs dist, marked $\frac{1}{4}$ S 26 B.S.

A maginita, 4 ins diam, bears N $72^{\circ} 20'$ W, 222 lbs dist, marked $\frac{1}{4}$ S 23 B.S.

4139 Road, bears N. N. Westerly and S. E. Easterly.

4213 Dry wash, 10 lbs with course N. Easterly.

7993 The cor of srs 22, 23, 26 and 27.

Land, level and gently rolling.

Soil, sandy and gravelly; sand and 3rd rate.

Timber, maginita and palo verde; undergrowth, maginita tootal and foraswood

Dense undergrowth, 7993 obs.

Subdivision of S 14 S, R 10 E.

Chain. No. 1 W. lot 22 and 23.

Clear level land.

Through dense undergrowth.

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

4.000 Set a mercurite post, 3 ft long, 4 ins sq,
with marked stone 24 ins in the ground,
for $\frac{1}{4}$ S on W, marked $\frac{1}{4}$ S 22 on N and
23 on E face. From which

A mercurite, 4 ins diam, bears S 24° E, 111
lbs dist, marked $\frac{1}{4}$ S 23 B S.

A mercurite, 7 ins diam, bears S 44° N,
77 lbs dist, marked $\frac{1}{4}$ S 22 B S.

8.000 Set a mercurite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground
for cor of 22s 14, 15, 22 and 23, marked
S 14 S S 14 on W, E,
R 10 E S 23 on S E,
S 22 on S N and
S 15 on N N face with 3 notches on S

Submission of S 14 S R 10 E.

Chassis

and 2 notches on E edge, from which
A mesquite, 6 ins diam, bears N $79\frac{1}{4}^{\circ}$ E 79

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

A mesquite 8 ins diam, bears S $85\frac{1}{2}^{\circ}$ E, 30

the dist, marked S 14 S R 10 E S 23 B S.

A mesquite, 4 ins diam, bears S $61\frac{3}{4}^{\circ}$ W, 183

the dist, marked S 17 S R 10 E S 22 B S.

A mesquite 5 ins diam, bears N $78\frac{1}{4}^{\circ}$ W, 93

the dist, marked S 14 S R 10 E S 15 B S.

Land, level and gently rolling.

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

Timber, Palo verde and mesquite; under
from the mesquite, rosewood and locust.

Dwarf undergrowth, 8,000 lbs.

N $80^{\circ} 50'$ E on a random line bet 5425 14
and 23.

See Sub Camp $\frac{1}{4}$ sec 20.

Subdivision of S 14 S 16 10 E

Chain

5110 Between N. and S line at the cor. 1.

5110 13, 14, 23 and 24.

Shiner Run

S 89° 59' W

~~Post~~ on a true line bet 5110 14 and 23.

Corner land.

Through corner measuring with.

4110 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 14 on N and
23 on S face, from which

A mosquito, 7 ins diam, bears N 9° E, 89
the dist, marked $\frac{1}{4}$ S 14 B S.

A mosquito, 9 ins diam, bears S 14° 20' E, 185
the dist, marked $\frac{1}{4}$ S 23 B S.

5110 Old road, bears N. N. W. and E. S. E.

5122 Old road, bears N. W. and S. E.

8110 The cor. of 5110 14, 15, 22 and 23.

Corner, land.

Soil, sandy; 2nd and 3rd rates.

Subdivision of S 14 & R 10 E.

Chains

Timber, scattering mesquite, undergrowth,
mesquite, grassweed and trestle.

Dense undergrowth, 8000 lbs.

April 4, 1903.

April 5: Set $4^{\circ}40'$ on m , l on z , & set off
 $32^{\circ}12'N$ for the lat arc; $5^{\circ}48'WS$ on
that arc, and determine a true
meridian with the solar at the end
of arcs 14, 15, 20 and 23

Phaner Brum

$NO^{\circ}1'N$ bet arcs 14 and 15.

Dense brush land.

Through dense undergrowth.

- .40 Dry wash, 20 lbs wide, course Eastrly.
- 1.60 Dry wash, 10 lbs wide, course Eastrly.
- 6.60 Old road, bars N. Westly and S. Eastrly.
- 36.15 Dry wash, 10 lbs wide, course N. Eastrly
- 4000 Set a mesquite post, 3 ft long, 4 ins sq.

Subdivision of S 14 S R 10 E.

Chain

with marked stone, 24 ins in the ground,
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 15 on W and
14 on E face, from which

A trsecta, 4 ins diam bears $S 77^{\circ} E$, 80
lbs dist, marked $\frac{1}{4}$ S 14 B S.

A trsecta, 4 ins diam, bears $S 34^{\circ} W$, 112
lbs dist, marked $\frac{1}{4}$ S 15 B S.

8 ~~00~~ Set a square quartz post, 3 ft long, 4 ins sq,
with marked stone 24 ins in the ground,
for cor of sec'd 10, 11, 14 and 15, marked
S 14 S S 11 on NW,
R 10 E S 14 on SE,
S 15 on S W and

S 10 on N W face with 4 notches
on S and 2 notches on E edge; from
which

A mesquite, 4 ins diam, bears $S 38^{\circ} E$, 89
lbs dist, marked S 14 S R 10 E S 14 B S.

A mesquite, 4 ins diam, bears $S 16^{\circ} W$, 140

Subdivision of S 14 S. R 10 E.

Chronis

The dist marked S 14 S R 10 E S 15 B S.

4 mesq into 6, into chronis, bars N 85° 20'

324 lbs dist, marked S 14 S R 10 E.

S 10 B S; no other bin within limit.

dig pit 18x18x12 ins NE of post, 5 1/2 ft dist and raise a mound of earth, 4 ft diam, 2 ft high, N of in.

Land, level and gently rolling.

Soil, sandy and gravelly; end and end rats.

Pinus, scattering mesquite, mesquite, mesquite, mesquite and grasswood.

Saint cactus.

Dense mesquite, 8000 lbs.

~~78939~~ in a random line bet secs 11 and 14.

4000 lbs temp 1/4 sec ev.

8004 Betsect N. and S. line 10 lbs N of

Subdivision of S 14 S. R. 10 E

Chain

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

Shower Point

N 89° 59' W on a true line bet srs
11 and 14.

Through arched undergrowth.

3804 Road, bars N. Westerly and S. Easterly;
forks of road bars 1 ch S. E. and 2 chs
N. W.4002 At a mosquito pit, 3 ft long, 4 ins deep,
with marked stem, 24 ins in the
ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 11 on
N. and 14 on S. face from which
A mosquito, 4 ins diam, bars N 35 $\frac{1}{2}$ ° E 75
the dist, marked $\frac{1}{4}$ S 4 B. S.A mosquito, 4 ins diam, bars S 59 $\frac{1}{2}$ ° E,
196 the dist, marked $\frac{1}{4}$ S 14 10 S.

7804 Old road, bars N. Westerly and S. Easterly

8004 The cor of srs 10, 11, 14 and 15.

Round line.

Subdivision of S. 14 N. R. 10 E.

Chinus

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

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

Dense undergrowth, 800 + cho.

N. 10' N. bet 2 res 10 and 11.

Very hard land

Through dense mesquite undergrowth,

9.70 Old road, bears N. W. 1/4 and S. E. 1/4.

4000 Set a mesquite post, 3 ft long, 4 ins sq, with marked stem, 24 ins in the ground, for 1/4 sec in, marked 1/4 S 10 on N and 11 on E. face, from which

A mesquite 4 ins diam, bears N 43° E, 102 lbs dist, marked 1/4 S 11 B S.

A mesquite 4 ins diam, bears S 32 1/2° W, 131 lbs dist, marked 1/4 S 10 B S.

Subdivision of S 14 S R 10 E

chains

42.95 Road, bears Easterly and Westerly.

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

8.00 Set a mosquito post, 3 ft long, 4 ins sq,
with marked stem, 24 ins in the ground,
for cor of sec 2, 3, 10 and 11, marked

S 14 S 2 on NW

R 10 E S 11 on SE

S 10 on S R and

S 3 on N. R. face, with 5 notches on S
and 2 notches on E edge, from whichA mosquito, 4 ins diam, bears N. 47° 20' E
359 the dist, marked S 14 S R 10 E S 2 B S.A mosquito, 4 ins diam, bears S 49° 5' E,
318 the dist, marked S 14 S R 10 E S 11 B S.A mosquito, 4 ins diam, bears S 19 1/4° W,
310 the dist, marked S 14 S R 10 E S 10 B S.A mosquito, 6 ins diam, bears N. 25 3/4° W,
466 the dist, marked S 14 S R 10 E S 3 B S.

Lund, Incl

A subdivision of S 17 S 6 10 E

Chain

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

Pine, scattering mesquite; undergrowth mesquite, tisota and grasswood. Dense undergrowth, 8000 lbs.

S 8957E S. 8957E, on a random line bet 5000
2 and 11.

4000 Set trap 4 3rd cor.

8000 Extract N. and S. line 20 lbs S of
the cor of 5000, 2, 11 and 12.

Pinner 1 run

S. 8964E on a line bet 5000
and 11.

Dirt level land.

P through dense mesquite and tisota
undergrowth.4000 Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,

Submission of S 14 S. R. 10 E.

Churnis

for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 2 on N and
11 on S face, from which

A mesquite, 4 ins diam, bears S $57\frac{1}{4}^{\circ}$ W,
94 lbs dist, marked 7 S 11 B S

A mesquite, 4 ins diam, bears N 20° W, 181
lbs dist, marked $\frac{1}{4}$ S 2 B S

75.70 Dry wash, 15 lbs wide, courses N. West only.

8000 Set cor of ores 2, 3, 10, and 11.

Sand, brk.

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

Timber, scattering mesquite, under-
growth, mesquite, locust and grass-
wood.

Dunes undergrowth, 5000 chd.

N. $0^{\circ} 1' N$, on a random line bet ores
2 and 3.

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

Subdivision of S 12 S. R. 10 E.

Chain

79.89 Intersect N. bdy of S 12 S. R. 10 E.
 the cor of arcs 2, 3, 34 and 35, as
 heretofore described.

Placed Iron

S 0° 10' W, on a true line bet arcs
 2 and 3.

Over level land

Through dense grasswood.

39.89 Set a mesquite post, 3 ft long, 4 ins sq,
 with marked stone, 2 1/4 ins in the
 ground, for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ S 3
 on N. and 2 on E. face; from which
 a mesquite, 7 ins diam, bears S 42 $\frac{1}{4}$ °
 N, 245 lbs dist, marked $\frac{1}{4}$ S 3 B S; no
 other true 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, W of cor.

79.89 In cor of arcs 2, 3, 10 and 11.

Subdivision of S 14 S. 16. 10 E.

Chain

Sand bar.

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

Pinus, scattering mesquite, undergrowth, grasswood and mesquite.
Dense undergrowth, 79.89 chs.

April 5, 1903.

April 6: At 4^h 30^m a m. line & S set off $32^{\circ} 11' N$ on the lat arc, $6^{\circ} 11' N$ on the arc, and determine a true meridian with the solar at the eve of sves 27, 28, 33 and 34 on the auxiliary base line, as heretofore described.

Shiner Point

South on a narrow line bet sves 33 and 34.

Two set ramp $\frac{1}{4}$ sve eve

Subdivision of D 14 S R 10 E.

Chain

00.95 Intersect S bdy of Sp 30 lbs E of the cor
of sec 3, 4, 33 and 34, as hereford described.

James P. 4m

No 11' E, on a true line bet sec 33
and 34.

Over mountainous land.

Descending through pale woods timber
and dense undergrowth.

24.15 Dry wash, 20 lbs wide, course Easterly;
ascend.

31.95 Top of ridge, bears Easterly and Westerly;
descend.

41.35 Dry wash, 15 lbs wide, course, Easterly;
ascend.

44.95 Top of ridge, bears Easterly and
Westerly; descend.

50.95 Set a sandstone 15x10x6 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 10 E.

Chain

An iron rod, 10 ins diam, bears $71^{\circ} 52' E$,270 lbs dist, marked $\frac{7}{8}$ S 34 15 S.A pale rod, 10 ins diam, bears $83^{\circ} 12' W$,43 lbs dist, marked $\frac{7}{8}$ S 33 B S, and

carries a mound of stone 2 ft base, 1 1/2 ft high, P. of cor.

53.70 Dry wash, 25 lbs wide, course E. northerly.

79.45 Dry wash, 20 lbs wide, course N. E. northerly.

90.95 Shovel of soil 27, 28, 33 and 34.

Land mountainous and rolling.

Soil gravelly, stony and rocky; soil
and 4th rate.Timber, pale woods and ironwood;
undergrowth, pale woods and cacti.

Grain meters.

Mountainous or land covered with dense
undergrowth, 90.95 chs.

From the cor of ores 27, 28, 33 and 34.

Subdivision of S 17 S, R 10 E.

Chains

on the auxiliary base line, Found
 N 0° 2' N, bet 5910.27 and 28.
 over rolling land.

Through prairie woods and woods
 timber and dense undergrowth

7.60 Dry wash, 15 lbs wide, course E. westerly.

8.40 Dry wash, 30 lbs wide, course E. westerly.

14.85 Dry wash, 20 lbs wide, course E. westerly.

39.60 Dry wash, 10 lbs wide, course N. E. westerly

4000 Set a sandstone 18 x 12 x 10 ins, 12 ins
 in the ground, for 1/4 sec cor, mark
 1/4 on N face, from which

A mercury 6 ins diam, bears N 81° E,
 144 lbs dist, marked 1/4 S 27 1/2 S.

A plate brass 9 ins diam, bears S 50° W
 183 lbs dist, marked 1/4 S 28 B. S.

49.20 Dry wash, 15 lbs wide, course N. E.

8000 Set a granite stone, 18 x 8 x 6 ins, 12 ins
 in the ground, for cor of sec 21, 22,

Subdivision of S 14 S, R 10 E

Chains

27 and 28, marked with 2 notches on
S and 3 notches on E edge, from which
A pale verde, 3 ms chain, bears $N. 22^{\circ} 14' E$

148 lbs dist, marked S 14 S R 10 E S 22 B S

An ironwood, 6 ms chain, bears $S 35^{\circ} E, 136$
lbs dist, marked S 14 S R 10 E S 27 B S

A pale verde, 5 ms chain, bears $S 47^{\circ} 11'$
116 lbs dist, marked S 14 S R 10 E S 28 B S

An ironwood, 12 ms chain, bears $N 87^{\circ} 14' W$
144 lbs dist, marked S 14 S R 10 E S 21 B S

Ground, rolling and level.

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

Timber, pale verde, ironwood and
mesquite; undergrowth, pale verde,
grasswood and cacti.

Prickly cactus.

Dense undergrowth, 500 lbs.

Subdivision of S 14 S, R 10 E.

Chains

- East, on a random line bet secs 22
and 27.
- 4.00 Set Camp $\frac{1}{4}$ sec cor.
- 8.00 Put corner N. and S line at the cor of
secs 22, 23, 26 and 27.
- Shovel Penn
- West, on a true line bet secs 22 and 27.
Over local land
- Plow in dense grasswood.
- 34.00 Road bears N.W. and S.E.
+5.00 Set 12 granite stone, 18x12x4 ins, 12 ins
in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on N. face, from which
A mesquite, 4 ins diam, bears N $2\frac{1}{2}^{\circ}$ E,
100 lbs dist, marked $\frac{1}{4}$ S 22 B S.
A mesquite, 8 ins diam, bears S $5\frac{3}{4}^{\circ}$ E
300 lbs dist, marked $\frac{1}{4}$ S 27 B S.
- 48.00 Begin gradual ascent.
- 49.90 Dry wash, 15 lbs wide, course N. Eastly.
- 57.00 Dense grasswood, enter pole cor and

Subdivision of S. 14 S. R. 10 E.

6.00

ironwood timber and ^{some} palo verde and
cacti. undergrowth.

8.00

Shrubs of srs 21, 22, 27 and 28.

Land level and gently rolling.

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

Timber palo verde, ironwood and mes-
quite; undergrowth, grasswood, palo
verde and cacti.

Dwarf cactus.

Dense undergrowth, 8.00 lbs.

N. 0° 2' N, bet srs 21 and 22.

Very gently rolling land.

Through palo verde, ironwood and
mesquite timber and dense under-
growth.

6.20

Dry wash, 10 lbs with course N. Easterly.

9.40

Old road bars N. N. W. and E. S. E.

Subdivision of S 17 S. R. 10 E.

6 brans

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

24.10 Dry wash, 15 lbs wide, course Easterly.

25.70 Band bars N. Westerly and S. Easterly.

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

4.00 Set a sandstone, 20x10x6 ins, 12 ins in the ground, for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$ on N face; from whichA pale rock, 10 ins diam, bars S 82° E, 20 lbs dist, marked $\frac{1}{4}$ S 22 B S.A pale rock, 10 ins diam, bars S 22° W, 14 lbs dist, marked $\frac{1}{4}$ S 21 B S.

56.10 Dry wash, 20 lbs wide, course Easterly.

8.00 Set a calcareous stone, 20x14x10 ins, 14 ins in the ground, for ev of secs 15, 16, 21 and 22, marked with 3 notches on S and E faces; from which

A pale rock, 6 ins diam, bars N 23° E, 278 lbs dist, marked S 14 S 16 10 E S 15 S 11.

An ironwood, 6 ins diam, bars S 87 $\frac{3}{4}$ ° E, 102

Subdivision of S 14 S R 10 E.

Chain

The dist. marked S 14 S R 10 E Sec 2 B 3.
 An ironwood, 5 ins diam, bears S 45° E N,
 93 The dist. marked S 14 S R 10 E Sec 1 B 3.
 A pale wood, 8 ins diam, bears N. 37° W, 210
 The dist. marked S 14 S R 10 E Sec 16 B 3.
 Sand, gently rolling
 Soil, sandy, gravelly and stony; 3rd
 and 4th rate.

Timber, pale wood and ironwood;
 undergrowth, grasswood, pale wood,
 mesquite, tsetse and cacti.
 Giant cactus.

Dense undergrowth, 8000 lbs.

East, on a random line bet. 5200 15
 and 22.

Have Sat. ^{1/2} 5200 w.

8000 Portwest N. and S line is the N. of
 the cor. of 5200 14, 15, 22 and 23.

Subdivision of S¹/₄ S. R. 10 E

Chains

Homer P. 7mm

N. 89°55' W. 100 or a true line bet sers 15
and 22.

Over bad land.

Through dense undergrowth.

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

5.06 Road, bears Northwaly and Southwaly.

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

4.00 Set a calcareous stone, 18 x 10 x 8 ins, 12
ins in the ground, for $\frac{1}{4}$ ser on,
marked $\frac{1}{4}$ on N. face, from which
a magnetic, 8 ins diam, bears $26\frac{3}{4}^{\circ}$ E,
73 lbs dist, marked $\frac{1}{4}$ S 20 B.S.A pale rock, 8 ins diam, bears $26\frac{1}{2}^{\circ}$ W,
195 lbs dist, ^{marked $\frac{1}{4}$ S 15 or} begin gradual ascent.Through pale woods and vineyard
timber.

5.00 Shere of sers 15, 16, 21 and 22.

Land, bad and gently rolling.

Subdivision of S 14 S. R. 10 E.

Chain

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

Timber, pale woods, ironwood and mesquite; undergrowth, mesquite, brodiaea, grasswood, pale woods and cacti.

Scrub cacti.

Dense undergrowth, 8000 lbs.

April 6, 1903.

April 7: At 7^h 40^m a.m. I set off $32^{\circ}10'N$ on the lat arc; $6^{\circ}33'W$ on the decl arc, and determine a true meridian with the solar at the col of sves 15, 16, 21 and 22.

Shaner Band

No. 5 N, lat sves 15 and 16.

Very gently rolling land.

Through pale woods and ironwood timber and dense undergrowth.

Redirection of S 14 S R 10 E.

Chain

35.76 Round bars East and West.

4.000 Set a granite stone, 18 x 20 x 8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N. face; from which

A pale rod, 5 ins diam, bears N 35 $^{\circ}$ E, 212 lbs dist, marked $\frac{1}{4}$ S 15 B S.

A pale rod, 10 ins diam, bears N 65 $^{\circ}$ W, 65 lbs dist, marked $\frac{1}{4}$ S 16 B S.

46.70 Dry wash, 15 lbs rods, course N. East.

8.000 Set a granite stone, 18 x 9 x 8 ins, 12 ins in the ground, for cor of sec 9, 10, 15 and 16, marked with 4 notches on S and 3 notches on E. side; from which

A pale rod, 5 ins diam, bears N 24 $^{\circ}$ E, 53 lbs dist, marked S 14 S R 10 E S 10 B S.

A pale rod, 10 ins diam, bears S 59 $^{\circ}$ E, 231 lbs dist, marked S 14 S R 10 E S 15 B S.

An iron rod, 5 ins diam, bears S 54 $^{\circ}$ W, 52 lbs dist, marked S 14 S R 10 E S 16 B S.

Subdivision of S 14 S. R. 10 E

Strain

A pale rock, 4 mi. diam, bears $N. 25^{\circ} W. 149$
 lbs. east, marked S 14 S. R. 10 E S 9 B S
 Sand, partly rolling and level.
 Soil, sandy, gravelly and stony; 3rd
 and 4th rates.

Timber, pale rock and scattering mes-
 quites and ironwood; undergrowth, pale
 rock, grasswood, mesquites, cacti and
 cacti.

Giant cactus

Dense undergrowth, 8000 lbs.

~~8995~~⁸⁹⁹⁵ E on a random line bet secs 10
 and 15.

4000 Set Camp $\frac{1}{4}$ sec W

7994 Entrance N. and S. line ^{12 lbs. South} of the W of
 secs 10, 11, 14 and 15.

Shaner P. mine

Nest in a tree line bet secs 10 and 15.

Subdivision of S 14 S R 10 E

Gruin

Over local land

Through dense mesquite and brota
undergrowth.39.97 Set a calcareous stone, 18 x 12 x 6 ins, 12
ins in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on N face, from whichA pale verde, 6 ins diam, bears S 56° W,
19 lbs dist, marked $\frac{1}{4}$ S 15 B S.A pale verde, 6 ins diam, bears N 5 $\frac{1}{4}$ ° W,
61 lbs dist, marked $\frac{1}{4}$ S 10 B S; entire
pale verde timber and cart.

44.00 Soft low isolated ridge, bears 5 lbs N.

79.94 Sh cor of secs 9, 10, 15 and 16.

Land, level and gently rolling.

Soil, sandy, gravelly and stony; soil
and 4th rate.Timber, scattering pale verde, mesquite
and ironwood; mesquite,
grasswood, brota and cart.

Subdivisions of S 14 S, R 10 E

Chains

Grant section.

Dense undergrowth, 79.94 chs.

N 0° 3' W, bet secs 9 and 10.

Over level land.

Through, dense grass wood.

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

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

4.000 Set a sandstone, 18 x 8 x 8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec 10, marked $\frac{1}{4}$ on N face, from which4 mag. mts, 5 ins diam, bears S 70° E, 68 lbs dist, marked $\frac{1}{4}$ S 10 B P.A mag. mts, 5 ins diam, bears S 43 $\frac{3}{4}$ ° W, 58 lbs dist, marked $\frac{1}{4}$ S 9 B P.

53.10 Trail, bears Easterly and Westerly.

8.000 Set a sandstone, 18 x 12 x 4 ins, 12 ins in the ground, for cor of secs 3, 4, 9 and 10 marked with 5 notches on S and 3

Subdivision of S 14 S R 10 E.

Chains

notches on E. edge, from which
 A mesquite, 6 ins diam, bears N $22\frac{1}{2}^{\circ}$ E,
 370 lbs dist, marked S 14 S R 10 E S 3 B S.

A mesquite, 10 ins diam, bears S $39\frac{3}{4}^{\circ}$ W 245
 lbs dist, marked S 14 S R 10 E S 9 B S.

A mesquite, 6 ins diam, bears N $65\frac{1}{4}^{\circ}$ W
 205 lbs dist, marked S 14 S R 10 E S 4

B S; no other tree within limit; dig
 post, 18 x 18 x 12 ins, S. E. of post, $5\frac{1}{2}$ ft
 dist, and raise a mound of earth,
 4 ft base, 2 ft high, N of cor.

Land, incl. ~~...~~

Soil, sandy and gravelly; end ^Y 3rd
 rate.

Timber, scattering mesquite, palo
 verde and ironwood; undergrowth, mes-
 quite, grasswood, tola and cacti.
 Giant cactus.

Dense undergrowth 8000 lbs.

April 7: - at this cor. I set off $6036'$ N on
 the decl. arc, and at $1247''$ E. h. t. observe the
 sun on the meridian; resulting lat. is $32^{\circ}15'N$

Subdivision of S 14 S, R 10 E

Phases

East, on a random line bet ores 3 and 10.

4.00 Set tank $\frac{1}{4}$ ore cor.

7.29 Intersect N. and S. line 13 lbs S of the
of the cor of ores 2, 3, 10 and 11.

Phase 2 mile

S 89° 54' N, on a true line bet ores 3 and 10.
Over land lands.

Through dense grasswood.

7.29 Road, bears N. Westly and S. Eastly.

14.69 Dry wash, 10 lbs wide, course Northly.

24.14 Dry wash, 10 lbs wide, course Northly; where
dense mesquite and trestle undergrowth,
bears Northly and Southly.

26.69 Dry wash, 10 lbs wide, course N. Eastly.

39.94 $\frac{1}{2}$ Set a sundstone, 18 x 10 x 8 ins, 12 ins in the
ground, for $\frac{1}{4}$ ore cor, marked $\frac{1}{4}$ on N face;
from which

S magnetic, 4 ins diam, bears S 57 $\frac{1}{2}$ ° E, 95
lbs dist, marked $\frac{1}{4}$ S 10 B S.

Subdivision of S 14 S, R 10 E

chains

- A mosquito, 4 in. diam, bears N $32\frac{3}{4}^{\circ}$ W,
72 the dist, marked $\frac{1}{4}$ S. S. S. S.
- 44.90 Lower dense mosquito and trestle; within
grasswood, bears N. W. & S. E.
- 46.90 Road, bears N. W. & S. E.
- 79.89 The cor of sees 3, 4, 9 and 10.
Lund, Ind.
Soil, sandy; 2nd and 3rd water.
Pine, scattering mosquito; undergrowth,
grasswood, mosquito and trestle.
Grain cactus.
Dense undergrowth, 79.89 lbs!
-
- N. E. S. N, on a random line bet sees
3 and 4.
- 4000 Set trap $\frac{1}{4}$ sec cor.
- 79.86 Intersect N. bay of S 1/2 at the cor of
sees 3, 4, 33 and 34, as best of cor
described.

Subdivision of S 14 & R 10 E.

chains

Thomas P. run

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

Over land.

Plough course grasswood.

27.89 Bend, bears N. Westerly and S. Easterly.

37.86 Set a magnetic post, 3 ft long, 4 ins sq. with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec w, marked $\frac{1}{4}$ S 4 on W and 3 on E face, from which

A magnetic, 8 ins diam, bears S 27° E, 163 lbs
the dist marked $\frac{1}{4}$ S 3 B 2.

A magnetic, 8 ins diam, bears N 7° W, 48 lbs
marked $\frac{1}{4}$ S 4 B 3

47.96 Bend, bears N. Westerly and S. Easterly.

77.56 1/2 cor of sec 3, 4, 9, and 10
land, land.

Soil, sandy and gravelly; sand and
red rock.

Timber, scattering magnetic; under-
growth, grasswood and magnetic.

Subdivision of D 4 S. R. 10 E.

Chains

Dense undergrowth, 79.55 chs.

April 7, 1903.

On account of mountainous land, I continue the subdivision of this Sp from the cor of secs 15, 16, 21 and 22.

April 8: At 7^h 30^m a.m., I set off, 32° 12' W on the lat arc; 6° 56' N on the chd arc, and determined a true meridian with the solar at the above cor.

Placed 3 iron

Wets, on a true line bet secs 16 and 21
Over gently rolling land.

Through pale wood timber and dense
undergrowth.

- 34.20 Trail, bears Northerly and Southerly.
35.50 Dry wash, 25 chs wide, course Northerly
36.25 Dry wash, 40 chs wide, course Northerly.

Concluded, Book 797.