

SUBDIVISION

T I T S R I I E

CONTRACT 65

PH. CONTZEN
U. S. D. SUR

1.

No. 857

857

BOOK 857

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Field Notes
Of the survey of the
Subdivision Lines
of
Township No. 17 South
Range No. 11 East
of the
Gila and Salt River Basins ^{and} Meridian
In the
Territory of Arizona
As surveyed by
Philip Coutzen
U.S. Deputy Surveyor

Under his contract No. 65
Dated May 22, 1901.

Survey commenced January 24, 1901
Survey completed February 12, 1901

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Subdivision of Township 17 S
 Claims

January 24, 1901.

At 7^h 45^m a.m. l.m.t., I set off 31° 34' on the lat. arc, 19° 15' S on the decl. arc, and determine a true meridian with the solar at the cor. of secs 1, 2, 35 and 36, on the south boundary of the township, as heretofore described.

Thence S. 70° 01' W.

bet. secs 35 and 36
 Over mountainous land.

Ascending

- | | |
|-------|--------------------------------------------------|
| 1.50 | Top of ridge, bars E and W; descend |
| 3.00 | Barren, course easterly; ascend |
| 5.00 | Top of ridge, bars E and W; descend |
| 8.00 | Foot; gulch 10 lks wide, course easterly; ascend |
| 13.00 | Top of ridge, bars E and W; descend |
| 17.90 | Gulch 10 lks wide, course easterly; ascend |

Range 11 E - Continued

Chains

21.40

Top of ridge, bears N E and S W;
ascend

22.50

Foot, ravine, course S easterly;
ascend, top of ridge, bears E and
W

25.80

Foot, wash ¹⁰ lks lks wide, course
easterly; ascend steep mountain

40.00

Set a granite stone 18x10x8 ins, 12
ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ 35 on W and 36 on E
faces, from which an oak 12 ins
diam, bears N 35° E, 96 lks dist,
marked $\frac{1}{4}$ S 36, B. 7.An oak 6 ins diam, bears ^N $6\frac{1}{2}^{\circ}$ W,
51 lks dist, marked $\frac{1}{4}$ S 35, B. 7.

51.40

Foot, gulch 10 lks wide, course
easterly; ascend, along E slope

80.00

Top of slope

Set a granite stone
18x12x10 ins, 12 ins in the ground

Sub-division of Township 17 S
Chains

for ea of secs 25, 26, 35 and 36,
marked with notch on S and
1 notch on E edges, from which
an oak 14 ins diam, bears N 86° W,
41 lbs dist, marked P 17 S, R 11 E.
S 26, B. 77, no other trees within
limit, and raise a mound of
stone 2 ft base, 1 1/2 ft high
W of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly and rocky; 3rd and
4th strata

Timber, scattering mesquite and
oak
undergrowth, yucca.

Mountainous land 80.00 chs

East on a random line bet secs
25 and 36

4000

Set temp 1/4 sec cor

Range 11 E - Continued

Chains
8.004

Intersect E bdy of R₁, 1000
S of cor of secs 25, 20, 21 and
26.

Thames Pinn

89° 56' W, on a true line bet secs
25 and 26, over mountainous land

40.02

Set a granite stone 18 x 10 x 4
ins, 12 ins in the ground for 1/4
sec cor, marked 1/4 25 on N and
36 on S faces; dig pits 18 x 18 x 12
ins, E and W of stone, 3 ft dist,
and raise a mound of earth 3 1/2
ft base, 1 1/2 ft high, N of cor.

59.00

Ascend steep mountains

8.004

The cor of secs 25, 26, 35, and 36.

Land, mountainous

Soil, gravelly, 3^d and 4th rates

Timber, scattering oak

Subdivision of Township 17 S
 Chains

Mountainous land 8004 chs

N^o 01' W, lat sees 25 and 26.

Descending over ridges, through
 yucca and oak running north

10.60 Wash 40 lks wide, course N easterly

35.00 Gulch 10 lks wide, course S easterly

36.80 Road, bars E and W

38.00 Grass dense and inter scattering
 undergrowth

40.00 Point for $\frac{1}{4}$ sec cor falls in wash
 10 lks wide, course N easterly

41.00 Set a granite stone 18x14x4 ins
 12 ins in the ground for witness
 cor to $\frac{1}{4}$ sec cor, marked WC,
 $\frac{1}{4}$ 26 on W and 25 on E face,
 from which a mesquite 4 ins
 diam, bears S 54 $\frac{3}{4}$ ° W, 75 lks dist
 marked $\frac{1}{4}$ S 26, B. T. W. C.

Range 11 E - continued

Chains

- In oak 18 ins diam, bears $N 88^{\circ} E$.
 224 lks dist, marked $1/4$ Sec 25, P. 71. A.C.
- 50.00 Sheep ranch, bears 8 chs W.
- 53.20 Old road, bears E and W
- 57.40 Old brush fence
- 58.95 Old brush fence, bears E and W.
- 59.00 Wash 8 lks wide, course easterly;
 ascend
- 61.00 Top of ridge, bears E and W
- 67.00 Foot
- 69.60 Wash 20 lks wide, course S easterly
 ascend
- 72.75 Road, bears $N W$ and $S E$ and
 top of ridge, bears $N W$ and $S E$.
- 78.00 Old adobe house, bears 3 chs W,
 descend
- 80.00 Set a granite stone 18 x 8 x 6 ins, 12
 ins in the ground for cor of
 secs 23, 24, 25 and 26, marked

Subdivision of Township 17 S
Grains

with 2 notches on Sand & notch
on E edge, from which a mes-
quite 12 ins diam, bears $N 50^{\circ} E$,
110 lbs dist, marked S 17 S, B 11 E,
S 24, B. 7.

An oak 5 ins diam, bears S, 54°
E, 81 lbs dist, marked S 17 S, B 11 E,
S 25, B. 7, no other trees within
limit, and raise a mound of
stone 2 ft base, $1\frac{1}{2}$ high, W of cor.
Land, mountains and rolling
timber, scattering oak and some
mesquite; undergrowth, mesquite
tricot and yucca
Mountains land or land covered
with dense undergrowth 8000 lbs
January 24, 1901

January 25, 1901.

Rings 11 E - Continued
 Chains

At 9^h 20^m, a.m., I set off
 31° 55' on the lat arc, 19° 0' on decl
 arc, and determine a true meridian,
 with the solar at the cor of secs
 23, 24, 25 and 26.

Thence Run N 89° 56' E, on a random
 line bet secs 24 and 25.

40.00 Set temp^l # sec cor

8.00 Intersect E bdy of Sp. 11 lks
 N of the cor of secs 19, 24, 25 and
 26, as heretofore described

Thence Run

West, on a true line bet secs 24
 and 25

Ascending over low ridges

30.00 Road, bears N E and S W.

32.00 Descend

33.00 Foot

34.40 Gulch 30 lks wide, course N

Subdivision of Township 17 S Chains

- easterly; ascend
- 40.00 Set a granite stone 18 x 10 x 8 in.,
12 in. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ 24 on N and 25
on S faces, from which a me-
grite 5 in diam, bears S 17° E, 235
lbs dist, marked $\frac{1}{4}$ S 25, B. 7.
A rock 6 in diam, bears N
 36° W, 322 lbs dist, marked $\frac{1}{4}$
S 24, B. 7.
- 50.00 Top of ridge, bears N 6 and S W.
and ascend along N slope
- 59.00 Top, and descend
- 59.60 Gulch 20 lbs wide, course easterly
- 68.00 Broad gulch, course S easterly,
and ascend
- 71.00 Top of ridge, bears N 6 and S W.
descend
- 73.50 Foot, gulch 8 lbs wide, course

Range 11 E - Continued

Chains

N easterly; ascend

75.50 Top of ridge, bears N W and S. E.

77.40 Foot, wash 10 lbs wide, course, S
easterly;

79.00 Ascend

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

Land, mountainous

Soil, gravelly, 3% rate

Timber, scattering oak, undergrowth,
yucca.

Mountainous land, 8000 lbs

N 0° 01' W, bet secs 23 and 24

Over mountainous land

.80 Gulch 50 lbs wide, course S easterly,
thence N easterly; ascend

4.00 Top, bears E and W, descend

5.50 Wash 5 lbs wide, course N easterly

17.70 Top of ridge, bears N E and S. E.

Subdivision of Township 17 S Chains

- 20.80 Road, bears NE and SW, descend
Foot; gulch 20 lbs wide, course N 80° E,
ascend
- 25.50 Top of ridge, bears NE and SW,
road, bears NE and SW.
- 23.50 Foot; gulch 5 lbs wide, course, easterly,
ascend
- 30.00 Top of ridge, bears SE and NW,
descend
- 40.00 Set a granite stone 18 x 10 x 8 ins
12 ins in the ground for 1/4 sec cor.
marked 23 on W and 24 on E,
faces, and raise a mound of stone
2 ft base, 1 1/2 ft high, W of cor.
Pit impracticable.
- 41.00 Foot; gulch 10 lbs wide, course
easterly, ascend
- 41.10 Top, bears E and W, descend
- 42.50 Foot; gulch 10 lbs wide, course S

Range 11 & Continued
Chain

- easterly; ascend
- 46.30 Top, bars E and W.
- 48.00 Wash 8 lks wide, course easterly
- 51.00 Top of ridge, bars N E and S. W.
- 54.00 Prot; Wash 5 lks wide, course N easterly; ascend
- 66.00 Top of E slope; descend
- 80.00 Set a granite stone 18 x 10 x 5, ins, 12 ins in the ground for 20 of secs 13, 14, 23 and 24, marked with 3 notches on S and 2 notches on E edges, from which an oak 15 ins diam, bars N 60 $\frac{1}{4}$ ° E, 13 $\frac{1}{2}$ lks dist, marked S 17 S, R 11 E, S 13, 13.57. no other trees within limit, and raise a mound of stone 2 ft base, 1 $\frac{1}{2}$ ft high, W of sec. Pits impracticable. Land, mountains. Soil, gravelly; 3^d rate

Subdivision of Township 17 S
Chains

Timber, scattering mesquite and
oak

Mountainous land, 8000 lbs

East, on a random line bet sees
13 and 24.

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

80.24 Intersect E. body of Sp. 10 lbs

N of cor of sees 13, 18, 19 and 24.

Shiner Drum

N $89^{\circ} 56' W$, on a true line bet
sees 13 and 24.

Over mountainous land

4.00 Gulch 10 lbs wide, course N easterly,
ascend

6.00 Top of ridge, bars N E and S. W
descend

31.00 Wash 40 lbs wide, course N easterly

40.12 Set a granite stone 18 x 10 x 5

Range 11 E Continued

Chairs

ins, 12 ins in the ground for $\frac{1}{4}$
 sec cor, marked $\frac{1}{4}$ 13 on N and 24th
 S face; dig pits 18x18x12 ins E and
 W of stum, 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

Old road, bears $N 80^{\circ} E$ and $S 80^{\circ} W$

61.00

Old road $N 80^{\circ} E$ and $S. 80^{\circ} W$.

74.00

Adobe ranch house, bears 150 chs

N; wikings, bear 3 chs S

74.50

Willow gulch, 30 chs wide, course

N easterly.

75.20

Broad gulch

76.00

Pell; gulch, 50 chs wide, course

northwly.

80.24

NE cor of secs 13, 14, 23 and 24

Land, mountainous

Soil, gravelly; 3^d and 4th rats

Timber, scattering oak and

Subdivision of Township 17 S

Chains

— mosquito

Mountains Land 811.24 chs

January 25, 1901

January 26, 1901, At 7^h 40^m, a.m., lmt,
 Set off 31° 56' on the lat arc, 18° 46' S,
 on the decl arc, and determine a
 true meridian with the solar at the
 cor of sres 13, 14, 23 and 24

Since 8 am

N 0° 01' W, bet sres 13 and 14

Over mountains Land

.80 Gulch 20 chs wide, course easterly;
 ascend

2.80 Top of spur, bears E and W, descend

5.10 Foot, wash 20 chs wide, course easterly;
 ascend

13.00 Top of ridge, bears E and W, descend

19.60 Foot, wash, 15 chs wide, course

Range 11 E - continued

- Chains
- 24.80 Top of ridge, bars E and W, descend
- 34.80 Foot; gulch 10 lbs wide, Course N
easterly; ascend
- 40.00 Set a granite stone 18x10x5 ins, 12
ins in the ground; for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ 14 on W and 13 on E faces,
from which an oak 6 ins diam, bars
N $13\frac{1}{2}^{\circ}$ E, 159 lbs dist; marked $\frac{1}{4}$ S 13 B. 7.
- An oak 8 ins diam, bars N $81\frac{1}{2}^{\circ}$ W, 13
lbs dist; marked $\frac{1}{4}$ S 14 B. 7.
- 43.50 Gulch 20 lbs wide, Course N easterly;
ascend
- 47.00 Top of ridge, bars NE and SW
- 50.10 Foot; gulch 10 lbs wide, Course N
easterly; ascend
- 54.00 Top of ridge bars NE and SW,
descend
- 58.00 Foot; gulch 10 lbs wide, Course N

Subdivision of Township 17 S

Chains

- rasterly; ascend
- 61.00 Top of ridge, bars NE, and SW,
descend
- 65.50 Foot; gulch 10 lks wide, course N
rasterly; ascend
- 67.50 Top of ridge, bars NE and SW; ^{ascend}
- 69.80 Foot; wash 10 lks wide, course NEasterly;
ascend
- 73.00 Top of ridge, bars NE, and S. W.
descend
- 76.80 Foot; gulch 10 lks wide, course
NEasterly.
- 8000

Set a granite stone 18x10x8 ins,
12 ins in the ground, for cor of sec
11, 12, 13 and 14, marked with 4
notches on S and 1 notch on E
edges, and raise a mound of stones
2 ft base 1 1/2 ft high, W of cor

Range 11 E-Continued

Chains

Rte impracticable

Land, mountainous

Soil, gravelly; 2. and 3. data

Timber, scattering oak

Mountainous land, 8.00 chs

S 89° 36' E, and a random line bet secs

12 and 13

40.00

Set camp 1/4 sec cor

80.10

Put out E bdy of Sp. 10 chs S
of cor of secs 7, 12, 13 and 18, as here-
tofore described.

Shiner Run

Wet on a true line bet secs

12 and 13.

Over rolling and mountainous land

Ascending through dense forest
undergrowth.

39.00

Rash 20 chs wide, course N

Subdivision of Township 17 S

chains	rasterly; cross dense undergrowth
49.05	Set a granite stone 18 x 12 x 10 ins, 12 ins in the ground for $\frac{1}{4}$ sec cor, marked 4 12 on N end 13 on S face, from which a wire girth 5 ins diam, bars N 40 $\frac{1}{2}$ ° E 270 lbs dist, marked $\frac{1}{4}$ S 12, B.T., no other trees within limit, and raise a mound of stone 2 ft base, $\frac{1}{2}$ ft high, N of cor. Pets impracticable.
56.00	Top of ridge, bars N E and S W.
60.00	Stone cabin, bars 4 chas S
61.40	Foot; gulch 50 lbs wide, course N rasterly; ascend
62.60	Top of ridge, bars N E and S W. descend
65.00	Foot; wash 10 lbs wide, course N rasterly; ascend
68.00	Top of ridge, bars N E and S W.

Range 11 E - continued

Chains

descend

73.80

Foot, gulch 10 lbs wide, course N
easterly.

80.10

Top of sec 11, 12, 13 and 14.
 Land, rolling and mountainous
 Soil, gravelly; 2^d and 3^d rate
 Timber, scattering mesquite
 Mountainous land or land covered
 with dense undergrowth, 80.10 lbs

N 0° 01' W, bet sec 11 and 12

Over rolling and mountainous land
Ascending.

11.00

Top of ridge, bears NE and SW,
descend

12.00

Foot, wash 15 lbs wide, course N
easterly; ascend

19.00

Top of ridge, bears NE, and SW,
descend

Subdivision of Township 17 S.

Chains 29.30	Foot; wash 5 lks wide, course N easterly,
32.00	Top of ridge, bears N E and S W.
35.50	Foot; wash 5 lks wide, course N easterly; ascend
37.00	Top of ridge, bears N E and S W ^{ascend}
40.00	Set a granite stone 18 x 10 x 8 ins 12 ins in the ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ N on W and 12 on E faces, and raise a mound of stone 2 ft base, 1 $\frac{1}{2}$ ft high, W of cor. Pits impracticable.
44.00	Wash 10 lks wide, course N easterly, and enter rolling land
59.60	Wash 10 lks wide, course N easterly
81.00	Set a granite stone 20 x 8 x 5 ins, 14 ins in the ground for cor of secs 1, 2, 11 and 12, marked with 5 notches on S and 1 notch on E

Range 11 E-Continued

Chains of edges,
~~fixed~~, dig pits 18x18x12 ins. in
 each sec, 5 1/2 ft dist, and raise a
 mound of earth 4 ft base 2 ft high
 W of cor.

Land, rolling and mountainous
 Soil, gravelly and rocky; 4th rate
 No timber

Mountainous land, 44.00 chs

East on a random line bet sees 1 and 12

40.00 Set temp 1/4 sec cor

79.90 Intersect E body of Sp 18 chs
 S of the cor of sees 1, 6, 7 and 12,
 as heretofore described

Thence Run

S 89° 52' W, on a true line bet
 sees 1 and 12

Over rolling land, through
 dense cedar undergrowth

Subdivision of Township 17 S

Chains 1.30	Enter wash
11.80	Leave wash, course N easterly
16.80	Top of low ridge, bears N and S
20.30	Wash 15 lbs wide, course N easterly
24.80	Top of ridge, bears N and S
30.60	Foot; wash 5 lbs wide, course N easterly.
35.10	Wash 5 lbs wide, course N easterly
37.90	Wash 10 lbs wide, course N easterly, and leave dense undergrowth
39.95	Set a granite ^{stone} 18 x 14 x 6 ins, 12 in the ground for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 1 on N and 12 on S faces and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft high, N of cor. Sets impracticable
47.60	Wash 50 lbs wide, course northerly
49.00	Top of ridge, bears N and S
50.00	Wash 20 lbs wide, course northerly

Range 11 E - Continued

Chains
64.60 Wash 20 lbs wide, course northerly

74.90 Wash 5 lbs wide, course northerly

79.90 The cor of secs 1, 2, 11 and 12
Land rolling.

Soil, gravelly, 3^d rate

Timber, scattering mesquite, m-
dugworth, tesota and mesquite

Land covered with brush m-
dugworth, 37.90 chs.

January 26, 1901

January 27, 1901.

At 8^h 30^m, a.m.

Comt. P set off $31^{\circ}58'$ on the lat.
arc, $18^{\circ}31'$ S on the decl arc, and
determine a true meridian with the
solar at the cor of secs 1, 2, 11 and 12

Since P.m.

70.01 W on a random line bet

Subdivision of Township 14 S,

6 chains

secs 1 and 2

40.00

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

79.98

Intersect N bdg of the $\frac{1}{4}$ sec
E. of the cor of secs 1, 2, 35 and
36, as heretofore described

Distance 3.000

S $0^{\circ}03'$ E, on a true line bet secs

100.00

1 and 2

10.00

Enter dense *tesota* undergrowth

39.98

Set a granite stone $18 \times 12 \times 10$
ins, 12 ins in the ground for $\frac{1}{4}$ sec
cor, marked $\frac{1}{4}$ 2 on W, and 1 on
E face, from which a *tesota* 6 ins
diam, bears N $55\frac{1}{4}^{\circ}$ E, 146 lks dist,
marked $\frac{1}{4}$ S 1 B.T.

A *tesota* 6 ins diam, bears S 18°
W, 211 lks dist, marked $\frac{1}{4}$ S 2
B.T.

41.00

Top of ridge, bears E and W.

Range 11 E - Continued

Chains	descending
47.00	Enter wash, course N easterly
57.00	Leave wash, course, N easterly; and dense undergrowth
73.30	Port; wash 25 lbs wide, course westerly
79.98	Shed of secs 1, 2, 11, and 12. Land, rolling. Soil, gravelly, 2 ^d and 3 ^d rate Timber, a few mesquites Land covered with dense under- growth, 47.00 chs.

At 2^h 30^m, p.m., cont, Port off
 $31^{\circ}54'$ on the lat arc, $18^{\circ}27'$ S on the
 decl arc, and determine a true
 meridian with the solar at the ex-
 of secs
 2, 3, 34 and 35, on the south boundary

Subdivision of Township 17 S.

- Chains of the Township
 Thence from
 No. 01 W, bet secs 34 and 35
 Over mountainous land
 Ascending along E slope of high
 ridge
- 21.40 Top of ascent and divide ^{N+E.} descend
- 33.20 Foot; gulch 10 lks wide, course
 N easterly; ascend.
- 30.00 Top of W slope; descend
- 37.00 Foot; gulch 15 lks wide, course
 westerly; ascend.
- 40.00 Set a granite stone 18 x 10 x 8 ins,
 12 ins in the ground for $\frac{1}{4}$ sec cor,
 marked $\frac{1}{4}$ 34 on W and 35 on E
 faces, from which an oak 10 ins
 diam, bears S $5\frac{3}{4}^{\circ}$ W, 37 lks dist,
 marked $\frac{1}{4}$ S 34, 13 7.
- An oak 14 ins diam, bears S

Range 11 E Continued

- Chains 28⁰ N, 96 lbs dist, marked 1/4 S
34, B. 71.
- 45.00 Top of W. Sierra, descend
- 0.00 Cañon 20 lbs wide, course S westerly,
ascend Semaningo Peak.
- 8.00 Top of peak

Set a granite stone 36 x 24 x 24 ins
24 ins in the ground for cor of
secs 26, 27, 34 and 35, marked with
1 notch on S and 2 notches on E
edge from which an oak 14 ins
diam, bears N 45° E, 53 lbs dist,
marked S 17 S, R 11 E, S 26, B. 71.

An oak 10 ins diam, bears N
71¹/₂° E, 89 lbs dist, marked S 17 S,
R 11 E, S 26, B. 71.

An oak 6 ins diam bears S
62¹/₄° E, 26 lbs dist, marked N 17
S, R 11 E, S 35 B. 71, no other trees

Subdivision of Township 17 S

Chains

within limit, and raise a mound
of stone 2 ft base, $1\frac{1}{2}$ ft high, W of
cor. Pits impracticable

Land, mountainous.

Soil, gravelly; 3^d rats

Timber, oak!

Mountainous land 8,000 chs

January 27, 1901

January 28, 1901.

At 7^h 30^m a.m., l.m.t.

I set off $31^{\circ}54'$ on the lat. arc, $18^{\circ}15'S$
on the decl. arc, and determined a
true meridian with the solar at
the cor of secs 26, 27, 34 and 35.

Thence I run

East on a random line bet
secs 26 and 35

40.00 Set Camp $\frac{1}{4}$ sec cor

Range 11 E - Continued

Chains
81.00Intersect N and S line at Cor. to
secs. 25, 26, 35 and 36.

Thence from

West on a true line bet sec
26 and 35

Over mountainous land

Ascending

11.40 Top of N spur; descend

10.30 Ravine 10 lks wide, course northerly

20.00 Top of N spur; descend

23.00 Foot; ravine 10 lks wide, course
northerly; ascend

26.00 Top of N spur; descend

34.00 Foot; gulch 20 lks wide, course
northerly; ascend40.00 Set a granite stone 18 x 10 x 10
ins, 10 ins in the ground for $\frac{1}{4}$
sec on, marked $\frac{1}{4}$ 35 on S and
26 on N faces, from which an

Subdivision of Township 17 S.

Chain

oak 14 ins diam, bears $N 55^{\circ} E$,
46 lks dist, marked $\frac{1}{4}$ S 26, B. 77An oak 8 ins diam, bears $S 82^{\circ} \frac{1}{2}$
W, 102 lks dist, marked $\frac{1}{4}$ S 35, B. 77

48.00

Top of high spur, bears NW, and
S. E. ascend. Samanigo Peak

8.000

Pop.

The top of secs 26, 27, 34 and 35
Land, mountainousSoil, gravelly and rocky; 3rd and
4th rate

Timber, oak

Mountainous land, 8,000 lks.

No. 01 N, bet secs 26, and 27

Descending from peak over rough
boulders

0.00

Top of spur, bears NW and S. E.
and continue descending

Range 11 E - Continued

Chains
40.00

Set a granite stone $18 \times 10 \times 8$ ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 24 on N and 26 on E face, from which an oak 6 ins diam, bears S 36° E, 136 lbs dist, marked $\frac{1}{4}$ S 26, B 7¹.

An oak 10 ins diam, bears S $80\frac{1}{2}^\circ$ W, 136 lbs dist, marked $\frac{1}{4}$ S 27, B 7¹.

46.50 Foot; gulch 20 lbs wide, course S easterly; ascend

48.50 Top of Spur, bears S E and N W, descend

51.50 Foot; gulch 20 lbs wide, course S easterly; ascend

58.00 Top of Spur, bears N W and S E, descend

64.20 Foot; gulch 10 lbs wide, course S easterly; ascend

Subdivision of Township 17 S

Chains

77.50

Top of spur, descend

80.00

Set a granite stone 18 x 8 x 6 ins,
12 ins in the ground for cor of
secs 22, 23, 26 and 27, marked
with 2 notches on S and 2 notches
on E edges, from which an oak
121 ins diam, bears S 79 $\frac{1}{2}$ ° E, 194 lbs
dist, marked S 17 S, R 11 E, S 26 13 77.
no other trees within limit, and
raise a mound of stone 2 ft base,
1/2 ft high, W of cor. Site impractic-
able.

Land, mountainous

Soil, gravelly and rocky; 4th rate
Pine, oak and some Juniper;
Undergrowth, yucca

Mountainous land, 80.00. Chs

East on a random line bet

Range 11 E - continued

Chains	Secs 23 and 26
40.00	Set temp $\frac{1}{4}$ sec cor
80.18	Intersect N and S line 23 lbs N of cor of secs 23, 24, 25 and 26 Thence down N $89^{\circ} 50'$ W on a true line bet secs 23 and 26. Cor. unambitious land. Asceuding
2.60	Top of spur, bears N.E. and S.W; descend
3.25	Foot; wash 20 lbs wide, course N easterly.
3.60	Ascend
25.40	Top; descend
27.00	Foot; ravine 10 lbs wide, course S easterly; ascend
28.90	Top of spur, bears S.E. and N.W.
29.60	Top of spur, bears S.E. and N.W.

Subdivision of Township 17 S

Chains

- descend
- 34.10 Post; wash 10 lks wide, course
S easterly; ascend
- 37.60 Post; gulch 20 lks wide, course
N easterly; ascend
- 40.09 Point for $\frac{1}{4}$ sec cor falls in wash,
20 lks wide, course S easterly; aside
- 42.00 Set a granite stone $18 \times 8 \times 5$ ins
ins; 12 ins in the ground for
return cor to $\frac{1}{4}$ sec cor, marked
WC, $\frac{1}{4}$ S 23, B. T.
from which an oak 4 ins diam,
bars N 81° E, 7 lks dist, marked
WC, $\frac{1}{4}$ S 23, B. T.
An oak 12 ins diam, bars N
 80° W, 55 lks dist, marked WC, $\frac{1}{4}$
S 23, B. T.
- 45.00 Top
- 52.00 Corral and water tank bars 15

Runged 11 E Continued

Chains

S. S.

59.00 Descend

60.00 Foot; wash 5 lks wide, Course N
rastraly; ascend S slope69.00 Foot; gulch 10 lks wide, Course
N rastraly.75.60 Recross gulch 10 lks wide,
Course S rastraly; ascend80.18 The end of secs 22, 23, 26 and 27
Land, mountainous,Soil; gravelly; 3^d rateTimber, scattering oak, mesquite
and yucca

Mountainous land, 80.18 lks

January 28, 1901

January 29, 1901.

At 7^h 50^m, a.m., lmt, I set
off 35° 55' in the lat arc, 18° 0' S

Subdivision of Township 17 S

Chains

- on the steel arc, and determines a true meridian with the solar at the top of sees 22, 23, 26 and 27.
- Placed on
No. 01 W, bet sees 22 and 23
Over mountainous land.
- Descending
- 1.00 Foot, gulch 10 lbs wide, course N
westerly.
- 1.50 Gulch 10 lbs wide, course easterly;
ascending
- 5.00 Top of spur, bears E and W, descend
- 7.50 Gulch 10 lbs wide, course easterly-
ascending & slope of mountain
- 4 11.00 Set a granite stone 18 x 12 x 6 ins,
12 ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ 22 on W and 23 on E,
faces from which an oak 12 ins
diam, bears N 59° E, 18 lbs dist,

Range 11 E - Continued

Chains

marked $\frac{1}{4}$ S 23, B 77

An oak 10 ins drain, bears N
 $62\frac{1}{4}^{\circ}$ W, 34 lks dist, marked $\frac{1}{4}$ S 22,
 B 77.

50.00 Top; descend

68.90 Post; gulch 10 lks wide, course
 N. westerly, ascend72.70 Top of ridge, bears N W and S E,
 descend75.20 Post; wash 30 lks wide, course
 N. westerly; ascend80.00 Set a quartz stone $18 \times 8 \times 6$ ins
 12 ins in the ground for cor of sec
 14, 15, 22 and 23, marked with 3
 notches on S and 2 notches on E
 edges, from which an oak 8 ins
 drain, bears N 82° E, 130 lks dist,
 marked S 17 S, R 11 E, S 14, B 77

An oak 10 ins drain, bears S

Subdivision of Township 17 S
Chains

$80\frac{1}{4}^{\circ} E$, 53 lks dist, marked P 17 S,
R 11 E, S 23, B. 7.

An oak 12 ins diam, brass S
 $16\frac{3}{4}^{\circ} W$, 118 lks dist, marked P
17 S, R 11 E, S 22 B 7

An oak 12 ins diam, brass
 $N 63\frac{1}{4}^{\circ} W$, 221 lks dist, marked
P 17 S, R 11 E, S 15 B 7.

Land, mountainous
Soil, gravelly and rocky, 4th tract
Timber, oak
Mountainous land, 8,000 chs

$S 89^{\circ} 50' E$, on a random line bet
secs 14 and 23.

4,000 Set temp $\frac{1}{4}$ sec cor

8,000 Intersect N and S line 24
lks S of the cor of secs
13, 14, 23 and 24.

Range 11 E Continued

Chains

Thence Point

Rest on a true line bet sees
14 and 23.

Over mountainous land

2.60 Enter gulch 30 lks wide, course
N westerly.

3.00 Junction of two gulches

8.00 Leave gulch, ascend high ridge

39.00 Top of ridge, bears N W and S E.

40.00 Set a granite stone 18 x 10 x 5 ins
12 ins in the ground, for 4 sec cor,
marked $\frac{1}{4}$ 14 on N and 23 on S
face, from which an oak 8 ins
diam, bears N 11 E, 116 lks, dist
marked $\frac{1}{4}$ S 14, B.T., no other trees
within limit, and raise a mound
of stone 2 ft base 1 1/2 ft high, N
of cor, discerned (Set impracticable)

61.20 Foot, gulch 40 lks wide, course

Subdivision of Township 17 S

Chains

N westerly.

8.00

The Cor of secs 14, 15, 22 and 23

Land, mountainous

Soil, gravelly and rocky, 3^d and
4th rates

Timber, oak

Mountainous land 8.00 chs

N^o 01' W, bet secs 14 and 15

Over ridges

2.00

Top of ridge, bars N W and S E,
descend

4.50

Foot; gulch 20 lks wide, course
N westerly; ascend

10.30

Top of ridge, bars N W, and S E, ^{descend}

13.10

Foot; gulch 20 lks wide, course N
westerly; ascend

16.50

Top of ridge, bars N W, and S E,
descend

Range 11 E - Continued

- Chains
20.00 Foot; ravine 5 lks wide, course N
westerly.
- 22.00 Gulch 20 lks wide, course N westerly;
ascend
- 24.00 Top of ridge, bears N W and S E;
descend
- 26.20 Foot; ravine, course N westerly; ^{ascend}
- 27.50 Top of spur, bears N W and S E
- 32.20 Foot; wash 10 lks wide, course N
westerly, ascend
- 37.50 Top of ridge, bears N W and S E.
- 40.00 Set a granite stone 8x12x6 ins,
12 ins in the ground, for 4 sec cor.
marked $\frac{1}{4}$ 13 on W and 14 on E
faces, from which an oak 4
ins diam, bears S 52° E, 92 lks dist,
marked $\frac{1}{4}$ S 14, B. 7.
An oak 5 ins diam, bears S
16 $\frac{1}{2}$ ° W, 60 lks dist, marked $\frac{1}{4}$ S

Subdivision of Township 17 S

Chains	
	15, B. T.
46.00	Cont; gulch 20 lks wide, course
	N westerly; ascend
47.30	Gulch 20 lks wide, course N westerly
54.50	Top of ridge, bears E and W; descend
63.00	Cont; gulch 20 lks wide, course N
	westerly; ascend W slope of Mt
72.00	Top of slope; descend
79.70	Cont; gulch 10 lks wide, course
	westerly
80.00	Set a granite stone 18 x 11 x 8
	ins, 12 ins in the ground, for cor
	of sec 10, 11, 14 and 15; marked with
	4 notches on S and 2 notches on
	E edges, and raise a mound
	of stone 2 ft base, 1 1/2 ft high, W
	of cor. Pits impracticable.
	Land, mountainous
	Soil, gravelly; 3 ^d rate

Range 11 E - Continued

Chains

Timber, scattering oak and a few
 mesquite; underground, yucca
 Mountainous land, 80.00 lbs

January 29, 1901

January 30, 1901.

At 8^h 25^m, a.m., l.m.t., I set
 off 31° 57' in the lat arc, 17° 43' S on
 the decl arc and determine a
 true meridian with the solar
 at the cor of secs 10, 11, 14 and 15.

Since P.m.

Cast on a random line bet secs
 11 and 14

4.00 Set camp 1/4 sec cor

80.12 Intersect N and S line, 14 lbs
 N of the cor of secs 11, 12, 13 and
 14.

Since P.m.

Subdivision of Township 17 S

Chairs	N 89° 54' W, on a true line bet sees 11 and 14.
	Over mountainous land
1.60	Top of ridge, bears N E and S W, descend
4.00	Row in 10 lbs wide, course N westerly (leads 2 chs S)
8.00	Top of N slope
12.00	Head of ravine 5 lbs wide, course N westerly
15.00	Top of high ridge, bears N E and S W, descend
18.50	Foot; wash 20 lbs wide, course westerly, ascend
20.00	Top of low ridge, bears N and S
22.60	Foot; gulch 10 lbs wide, course westerly, ascend
32.00	Top of N spur, descend
37.00	Foot; ravine 10 lbs wide, course

Range 11 E. Continued

Chains	
	ascend
39.60	Top of N spur, descend
40.06	Set a granite stone 18x8x8 in 12 in in the ground, for 14 sec cor, marked 14 11 on N and 14 on S faces, and raise a mound of stone 2 ft base, 1 1/2 ft high, N of cor. This impracticable
43.90	Foot, ravine 30 lbs wide, course northerly; ascend
49.50	Top of N spur, descend
54.20	Foot, ravine 10 lbs wide, course northerly; ascend
58.50	Top of N spur, descend
63.50	Foot, ravine 10 lbs wide, course northerly; ascend
73.00	Top of ridge, bears N and S, descend
80.25	In cor of sec 10, 11, 14 and 15

Subdivision of Township 17 N

Chains

Land, mountainous

Soil, gravelly; 3^d rate

No timber

Mountainous land 80.12 chs

N^o 01' W, bet secs 10 and 11

Over mountainous land

6.00

Wash 5 lks wide, course westerly,
ascend

8.00

Divide, bars N W and S E; descend

16.00

Foot; ravine 10 lks wide, course N,
westerly, ascend

38.00

Top of E point of spur; descend

40.00

Set a granite stone 18 x 8 x 8 ins
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 10 on W
and 11 on E faces, and raise a
mound of stone 2 ft base, $1\frac{1}{2}$ ft
high, W of cor. Pitts impracticable

65.00

Wash 10 lks wide, course N westerly

Range 11 E - Continued

Chains
8000

3. Set a granite stone 18 x 12 x 6 ins,
12 ins in the ground, marked
with 5 notches on S and 2 notches on E
edges, from which a mosquito 6 ins
drain, bears $N 9\frac{1}{2}^{\circ} E$, 296 lbs dist,
marked P 17 S, R 11 E, S 2 B. 7.

A mosquito 6 ins drain, bears N
 $79\frac{1}{4}^{\circ} W$, 43 lbs dist, marked P 17 S,
R 11 E, S 3, B. 7. dig pits 18 x 18 x 12,
ins, in secs 10 and 11, $5\frac{1}{2}$ ft dist,
and raise a mound of earth 4 ft
base, 2 ft high, W of cor.

Land, mountainous
Soil, gravelly; and rats
No timber.

Mountainous land, 8000 chs

$S 89^{\circ} 54' E$, on a random line bet
secs 2 and 11

Subdivision of Township 17 S

Chains	Set Camp $\frac{1}{4}$ sec cor.
40.00	
8.00	Patersonet N and S line 5 lbs
	N of the cor of secs 1, 2, 11 and 12.
	Shiner Drum
	N $89^{\circ}50'$ W, on a true line bet
	secs 2 and 11.
	Overrolling land
5.40	Wash 2 lbs wide, course N easterly
12.60	Wash 15 lbs wide, course, Northerly
24.00	Wash 30 lbs wide, course, northerly
40.00	Set a granite stone 18 x 8 x 4
	ins, 12 ins in the ground, for $\frac{1}{4}$ sec
	cor, marked $\frac{1}{4}$ 2 on N and 11 on S
	faces, from which a mesquite 8
	ins diam, bears N $84\frac{1}{2}^{\circ}$ E, 191 lbs dist,
	marked $\frac{1}{4}$ S 2, B 7., dig pits 18 x 18 x 10
	ins, E and W of stone, 3 ft dist,
	and raised a mound of earth $3\frac{1}{2}$
	ft base, $1\frac{1}{2}$ ft high, N of cor.

Range 11 E Continued

- Chains
 57.70 Push 5 lks wide, course N westerly
 61.70 Push 10 lks wide, course N westerly
 70.70 Push 50 lks wide, course N westerly
 74.00 Push 30 lks wide, course N westerly
 80.00 The cor of secs 2, 3, 10 and 11

Land, rolling

Soil sandy, 2^d rate

Timber scattering mesquits.

No. 01 W, on a random line bet secs
 2 and 3.

40.00 Set kamps 4 sec cor

80.12 Intersect north boundary of the
 1/4 3 lks W of the cor of secs 2, 3,
 34 and 35, as heretofore described

Shiner Pinn

South on a true line bet sec 2
 and 3

One level and rolling land

Subdivision of Township 17 S

Chains .20	Enter wash
2.50	Leave wash, course westerly
10.60	Re-enter wash, course N westerly
16.40	Leave wash, course N easterly
28.00	Top of rocky ridge of loose boulders, cross E and W. descend
31.30	Foot; wash 30 lbs wide, course N easterly.
40.12	The point for $\frac{1}{4}$ sec cor falls on sandstone boulder in place 10 x 3 ft above ground on which cut a cross (X) at the exact cor. point for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 3 on W and 2 on E side of cross, and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft high, W of cor. Pits impracticable Leave boulders and ascend gradually The cor of secs 2, 3, 10 and 11 Land level and rolling
47.00	
80.12	
2.50	

Rings 11 E - Continued

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

No timber.

January 30, 1901

January 31, 1901.

At 7^h 30^m a.m., cont, I set off
31° 54' on the lat. arc, 17° 27' S on the
decl. arc, and determine a true
meridian with the solar, at the cor-
ner of secs 34, 33 and 34, on the S. side of
the 1/4 as heretofore described

Three P.M.

No. 12' N, bet secs 33 and 34.

Over mountainous land

Descending along E. slope of ridge
between N and S.

4.000

Set a granite stone 18 x 10 x 6 ins,
10 ins in the ground, for 4 sec

Subdivision of Township 17 S

Chains

- See, marked $\frac{1}{4}$ 33 on W and 34 on E faces, from which an oak 10 ins diam, bears S 55° E, 78 lbs dist, marked $\frac{1}{4}$ S 34, B.T.
- An oak 12 ins diam, bears S $33^{\frac{1}{2}}$ W, 110 lbs dist, marked $\frac{1}{4}$ S 33, B.T.
- 52.40 Foot, gulch 10 lbs wide, course N westerly; ascend.
- 53.00 Top of ridge, bears E and W, descend
- 56.20 Foot, gulch 10 lbs wide, course N easterly; ascend
- 57.30 Fresno Cañon, 50 lbs wide, bears N W, and S E; ascend
- 78.00 Top of ridge, bears E and W, descend
- 80.00 Set a granite stone 18x10x8 ins, 12 ins in the ground, for cor of sec 27, 28, 33 and 34, marked with 1

Range 11 E - Continued

Chains

Notch on S and 3 notches on E
edges, from which an oak 10 ins
diam, bears $N 64 \frac{1}{4}^{\circ} E$, 284 lbs dist,
marked S 17 S, R 11 E, S 27, B 57

An oak 12 ins diam, bears S,
 $37 \frac{1}{4}^{\circ} E$, 99 lbs dist, marked S 17 S,
R 11 E, S 34, B 57.

An oak 4 ins diam, bears S
 $25 \frac{3}{4}^{\circ} W$, 49 lbs dist, marked S
17 S, R 11 E, S 33, B 57.

An oak 10 ins diam, bears
 $N 26^{\circ} W$, 82 lbs dist, marked S 17 S,
R 11 E, S 28, B 57.

Land, mountainous

Soil, gravelly and rocky; 3^d and
4th rate

Timber, oak; underground, yucca.
Mountainous land, 8,000 lbs

Subdivision of T7 S, R 11, E. - Continued
Chains

East on a random line bet secs
27 and 34

40.00 Set Kemp 1/4 sec cor.

80.12 Introset N and S line at cor
of secs 26, 27, 34 and 35.

Shiner Run

West on a true line bet secs 27
and 34.

Over mountainous land
Descending from Samaniga
Peak

40.06 Set a granite stone 18 x 8 x 8 ins,
12 ins in the ground, for 1/4 sec
cor, marked 1/4 27 on N and 34
on S faces, from which an oak 30
ins diam, bears N 74° E, 11 lks dist,
marked 1/4 S 27 B. 7.

An oak 10 ins diam bears