

Book E.
SUBDIVISIONS
T. 1, S., R. 23, W.

BOOK 1143

No. 1143

BOOK 1143

4-671

~~BOOK 1143~~
FIELD NOTES
GENERAL LAND OFFICE.

1143

No. 1143

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BOOK 1143

4

Field Notes
of the survey of the
Sub-division and meander
lines of
Township No. 1 South,
Range No. 23 West,
of the
Gila and Salt River-
Base and Meridian
in the
Territory of Arizona,
as surveyed by
John A. Barry,
U. S. Deputy Surveyor,
Under his contract, No 84,
Dated July 13, 1901.

Survey commenced April 14, 1902
Survey completed April 19, 1902

for Preliminary Paths see Outlets and Meanders.
 3 T. 2 S. R. 23 W.

Names and Duties of Assistants.
 C. Hamilton. Chairman
 Alfonso Lopez. Chairman.
 A. W. Frankenberg. Assessor.
 Alturo Lopez. Flagman.

BOOK

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Township 1 south R. 23 West.

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See guide numbers

for Sectional Guide Meanders
 See Meanders 1 S. 23 W.

Subdivisions T. 1 S., R. 23 W.

April 14, 1902.

I begin at the cor. of secs. 4, 5, 32,
and 33 in the S. bdy of Tp; which I
established March 26, 1902.

latitude $33^{\circ}17'16''$ N.; longitude $114^{\circ}37'48''$ W.

Thence I run

N. $0^{\circ}2'$ W. bet. secs. 32 and 33

0.50

Leave ravine, course W. ascend 30 ft.

2.70

Top of spur of mesa, trends W. about
600 chs. to wash valley, descend 30 ft.

6.00

Enter wash valley and palo verde
and palo fierro timber bears,
N. 60° E., and S. 56° W.

29.50

Leave the wash valley and timber
bear S. 82° E., and S. 80° W.; ascend.

31.75

Top of ascent, and edge of mesa,
30 ft. above the valley, bears
S. 82° E., and S. 80° W.; thence
over mesa.

40.00

Set a malpais stone, $24 \times 12 \times 8$ ins,
18 ins. in the ground,

Survey calculated with Yarny & Ford
Crank. i. - 1905 88, by the old
in book of W. H. Day T. 33 S., R. 23 W.

Subdivision T. 19.

Chains. for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Pits impracticable.

A calim (abandoned) at place called Harto mill bears $S. 26^{\circ} 22' W.$

44.50 Gulch 50 lks. wide, course W.

49.00 Head of gulch 20 lks. wide, course W.

66.00 To edge of mesa, bears $S. 83^{\circ} E.$, and $N. 81^{\circ} W.$; descend 30 ft.

68.00 Foot of descent, enter wash valley and palo verde and palo fierro timber, bears $S. 83^{\circ} E.$, and $N. 81^{\circ} W.$

80.00 Set a malpais stone, $18 \times 8 \times 6$ ins., 12 ins. in the ground, for cor. of secs. 28, 29, 32 and 33. marked with one notch on S., and 4 notches on E. edges; and raised a mound of stone, 4 ft.

R. 23 W., - continued.

- Chains. Base, 2 ft. high W. of cor. from which
 A palo verde, 8 ins. diam., bears
 N. 43° E., 152 lks. dist., marked
 T. 1 S., R. 23 W., S. 28, B. T. ✓
- A palo verde, 6 ins. diam., bears
 S. 64° E., 260 lks. dist., marked
 T. 1 S., R. 23 W., S. 33, B. T. ✓
- A palo fierro, 8 ins. diam., bears
 S. 70° W., 257 lks. dist., marked
 T. 1 S., R. 23 W., S. 32, B. T. ✓
- A palo fierro, 8 ins. diam., bears
 N. 39° W., 278 lks. dist., marked
 T. 1 S., R. 23 W., S. 29, B. T. ✓
- Sand nearly level.
 Soil, gravelly; 2nd rate.
 Timber, palo verde and palo fierro.
 Heavily timbered land, 35-50 chs.
-

Subdivision T. 1 S.,

- | | |
|--------|---|
| Chains | East on a random line,
bet. secs. 28 and 33. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.80 | Intersect N. and S. line at the cor.
of secs. 27, 28, 33, and 34.
Thence I run
West on a true line
bet. secs. 28 and 33.
Over low and level mesa |
| 800 | Leave the mesa, bears N. 70° E.
and S. 70° W., descend 8 ft. and
enter wash valley and palo verde
and palo fierro timbers, bear
N. 70° E. and S. 70° W. |
| 39.90 | Set a malpais stone, $18 \times 8 \times 6$
ins., 12 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked,
$\frac{1}{4}$ on N. face; from which
A palo verde, 10 ins. diam, bears |

R. 23 W., - continued.

Chains N. 59° E., 138 lks. dist, marked
1/4 S. 28, B.T. ✓

A palo verde, 5 ins. diam., bears
S. 14° E., 175 lks. dist, marked
1/4 S. 33 B.T. ✓

79.80 The cor. of secs., 28, 29, 32, and 33.

Sand, level,

Soil, gravelly; 2nd rate.

Timber, palo verde, and palo fierro.

Heavily timbered land 40.00 chs.

N. 0° 2' W., bet. secs. 28 and 29.

Over wash valley, through
palo verde and palo fierro timber.

5.00

Grass low, narrow, detached,
mesa, bears E. and W.; ends
W. about 5.00 chs. dist; thence
crossing wash.

Subdivision T. 1 S.

Chains

15.00

Touch W. point of mesa, bears
N. E. and S. 80° E.

26.00

Leave wash valley and timber,
bears N. 63° E., and S. 63° W.
Ascend 15 ft. to mesa.

27.00

Top of ascent and edge of mesa,
bears N. 63° E., and S. 63° W., a
few scattering palo verde on mesa

35.00

Head of gulch 5 lks. wide, course
N. 74° W.

40.00

Set a malpais stone, $18 \times 12 \times 8$
ins., 12 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face;
from which

A palo verde, 6 ins. diam., bears
S. 80° W., 15 lks. dist., marked
 $\frac{1}{4}$ S. 29 B. T. ✓

A palo verde, 8 ins. diam., bears
N. 84° W., 115 lks. dist., marked

R. 23. W. - continued.

Chains

$\frac{1}{4}$ S. 29, B. T., raised a mound of stone, 3 ft. base, 2 ft. high W. of cor.

45.00 Descend 10 ft. to lower mesa, bears E. and W.

49.00 Gulch 10 lks. wide, course W.

59.00 Ascend 20 ft. to higher mesa, bears E. and W.

63.75 To edge of mesa, bears N. 80° W. and S. 80° E. descend 25 ft.

64.50 Enter Wash Valley and timber bears N. 80° W. and S. 80° E.

80.00 Set a malpais stone, $18 \times 10 \times 8$ ins., 12 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked, with 2 notches on S., and 4 notches on E. edges; from which

A palo verde, 6 ins. diam., bears

Subdivision 1 S.

Chains

S. 80° E., 45 lks. dist., marked
T. 1 S., R. 23 W., S. 28, B. T. ✓

No other tree within limits,
raised a mound of stone, 4 ft
base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, gravelly; 2nd rate.

Timber, palo verde and palo fierro.

Heavily timbered land, 2000 chs.

East on a random line

bet. secs. 21 and 28.

40.00

Set temp. 4 sec. cor.

79.88

Intersect N. and S. line, 3 lks. S.

of the cor. of secs., 21, 22, 27, and 28.

Thence I run

S. $89^{\circ} 59'$ W., on a true line

bet. secs. 21 and 28.

R. 23 W., - continued.

Chains

Over mesa

21.00 Gulch 20 lks. wide, course
N. 60° W., about 8.00 chs. to wash.

38.00 Leave mesa and enter wash -
valley bearing N. 58° E., and
S. 58° W.; palo verde and
palo fierro timber in the wash
valley.

39.94 Set a malpais stone, 18 x 12 x 6
ins., 12 ins. in the ground,
for 1/4 sec. cor., marked
1/4 on N. face; from which
A palo verde, 20 ins. diam, bears
N. 46° E., 68 lks. dist., marked
1/4 S. 21, B. T. ✓

A palo fierro, 10 ins. diam, bears
N. 35° W., 78 lks. dist., marked
1/4 S. 21, B. T. ✓ No trees in Sec. 28.
Raised a mound of stone,

Subdivision T. 15.

Chains

- 4 ft. base, 2 ft. high N. of cor.
 79.88 The cor. of secs. 20, 21, 28, and 29.
 Sand, nearly level.
 Soil, gravelly; 2nd rate.
 Timber palo verde and palo fierro.
 Heavily timbered land 41.88 chs.
-

N. $0^{\circ} 2' W.$ bet. secs. 20 and 21.

Over wash valley, through timber.

- 7.60 Leave valley and timber, ascend 15 ft. to mesa, bear N. $80^{\circ} E.$, and S. $66^{\circ} W.$; thence on mesa.

- 19.00 To edge of mesa; bears N. $62^{\circ} E.$, and S. $62^{\circ} W.$; descend 15 ft. and enter wash valley and timber bear N. $62^{\circ} E.$, and S. $62^{\circ} W.$

R. 23. W., - continued.

Chains

20.65 + A palo verde, 10 ins. diam., on line
 9 mark with 2 notches on N. and
 S. sides.

40.00 Set a malpais stone, 24 x 8 x 6 ins.
 18 ins. in the ground,
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face;
 from which

+ A palo verde, 5 ins. diam., bears
 N. 73° E., 125 lks. dist., marked
 $\frac{1}{4}$ S. 21, B.T. ✓

A palo fierro, 6 ins. diam., bears
 S. 72° W., 112 lks. dist., marked
 $\frac{1}{4}$ S. 20, B.T. ✓

Raised a mound of stone,
 4 ft. base, 2 ft. high W. of cor.

41.00 Ascend 20 ft.; change from wash
 valley and timber to mesa
 bears S. 80° E. and S. 75° W.

45.00 Head of gulch, 10 lks. wide, course

Subdivision T. 1 S.

Chains

- S. 60° W.
- 50.50 Left bank of ravine, 30 ft. high, course N. 70° W., and N. 82° E.; timber in the ravine,
- 52.50 Right bank of the ravine 40 ft. high course N. 80° W. and S. 80° E.
- 70.00 Top low ridge on mesa, extends W. about 5.00 chs. and E. about 70.00 chs.
- 77.00 Enter ravine 30 ft. deep, course W.; timber in ravine.
- 80.00 Set a malpais stone, 24 x 6 x 5 ins., 18 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, marked with 3 notches on S., and 4 notches on E. edges; from which
- Apalo firro, 8 ins. diam., bears N. 9° E., 38 lks. dist., marked

R. 23 W., continued.

Chains

T. 15., R. 23 W., S. 16, B. T. ✓

A palo fierro, 14 ins. diam., bears
S. 19° E., 103 lks. dist., marked

T. 15., R. 23 W., S. 21, B. T. ✓

A palo verde, 6 ins. diam., bears
S. 49° W., 50 lks. dist., marked

T. 15., R. 23 W., S. 20 B. T. ✓

A palo fierro, 12 ins. diam., bears
N. 84° W., 122 lks. dist. marked

T. 15., R. 23 W., S. 17 B. T. ✓

Traced a mound of stone,
4 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, gravelly; 2nd rate
Timber, palo verde, and palo fierro.
Heavily timbered land 34.60 chs.

N. 89° 59' E. on a random line

Subdivision T. 1 S.

Chains

- bet. secs. 16 and 21
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. and S. line 4 lks. N. of the cor. of secs. 15, 16, 21, and 22.
Thence I run
N. $89^{\circ} 57' W.$ on a true line
bet. secs. 16 and 21
over mesa.
- 57.00 Ravine 20 lks. wide, course S. W. thence nearly parallel the ravine about 1.00 ch. N. therefrom.
- 22.00 Enter same ravine; here 100 ch. wide, thence down center of same, through palo verde and palo fino timber.
- 39.97 Set a red stone, $18 \times 8 \times 8$ ins., 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which

R. 23 W., - continued.

Chains

A palo fierro, 8 ins. diam., bears
N. 42° W., 95 lks. dist., marked
1/4 S. 16, B. T. ✓

A palo fierro, 14 ins. diam., bears
S. 73° W., 86 lks. dist., marked
1/4 S. 21, B. T. ✓

79.94

The cor of secs. 16, 17, 20, and 21.
Land, nearly level.

Soil, gravelly; 2nd rate
Timber, palo verde, and
palo fierro.

Heavily timbered land 57.94 chs

April 14, 1902.

N. 0° 2' W. bet. secs. 16 and 17

In ravine,

1.00

Leave the ravine course W.

Ascend 20 ft. to edge of mesa,
bears E. and W.

Subdivision T. 1 S.

Chains

18.50

Ravine 3.00 ch. wide, 20 ft. deep,
course W. (straight),
Ascend gradually.

28.00

Top of ascent, 60 ft. above ravine,
descend 60 ft.

34.50

Bottom of ravine 1.00 ch. wide,
course W. ascend step.

40.00

On step S. slope; not a suitable
place for a monument.

40.50

Top of ascent on high point
of mesa, 60 ft. above ravine,
bears W.

Set a malpais stone, 20 x 8 x 6
ins.; 15 ins. in the ground,
for witness cor. to $\frac{1}{4}$ sec. cor.

marked W.C. $\frac{1}{4}$ on W. face and
raised a mound of stone,
4 ft. base, 2 ft. high, W. of cor.;
thence over rolling mesa land.

R. 23 W., continued.

chains

45.00 Gulch 30 lks. wide, course S. 70° W.

57.00 Gulch 30 lks. wide, course W.

59.00 Gulch 20 lks. wide, course S. W.

64.00 Descend, about 40 ft. to

72.00 Bottom of ravine, 50 lks. wide
course W.; ascend.

80.00 Set a malpais stone, $20 \times 8 \times 6$
ins., 15 ins. in the ground,
for corr. of secs. 8, 9, 16, and 17.
marked with 4 notches on S.
and E. edges; from which
A palo fierro, 6 ins. diam., bears
N. 33° E., 103 lks. dist., marked
T. 15, R. 23 W., S. 9, B. T. ✓

A palo verde, 6 ins. diam., bears
N. 53° W., 123 lks. dist., marked
T. 15, R. 23 W., S. 8, B. T. ✓

No other trees within limits,
raised a mound of stone,

Subdivision T. 15.

Chains

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

This cor. stands on mesa, about
30 ft. above ravine

Land, level and rolling.

Soil, gravelly; 2nd rate.

Timber, palo verde and palo fierro,
in gulches, and a few trees in
places on mesa.

S. $89^{\circ}57'E$. on a random line
bet. secs. 9 and 16.

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

80.00 Intersect N. and S. line, 6 lks. S.
of cor. of secs. 9, 10, 15, and 16.

Thence I run
West on a true line
bet. secs. 9 and 16.
over mesa

R. 23 W., continued.

Chains

- 12.00 Gulch 20 lks. wide, course S. W.
- 25.00 Station 200 chs. N. of gulch
last described.
- 40.00 Set a malpais stone, 24 x 8 x 6
ins.; 18 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face; from which
A palo fierro, 4 ins. diam, bears
N. 63° W., 165 lks. dist., marked
 $\frac{1}{4}$ S. 9 B. T. ✓
- No other tree within limits;
raised a mound of stone,
4 ft. base, 2 ft. high N. of cor.
This cor. stands on mesa, about
570 chs. N. of ravine.
- 49.00 Enter at right bank ravine
60 lks. wide, thence down same
- 57.00 Leave, at right bank, the ravine,
which turns to S. W.

Subdivision T. 1 S.

Chains.

65.00

Reenter at right bank same
ravine, here 100 ch. wide, thence
down same,

68.00

Leave at right bank, the ravine,
at mouth of small gulch, from
the N. ravine runs hence 3.60° W

80.00

The cor. of secs. 8, 9, 16, and 17
Sand, nearly level.

Soil, gravelly; 2nd rate.

Timber palo verde, and palo fierro
in ravines, and a few trees in
places on mesa.

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

On gravelly mesa.

27.50

Near head of ravine 100 ch. wide
course $N. 70^{\circ} W.$ about 5.00 chs;
thence W.

R. 23. W., - continued.

Chains

- 39.00 Low spur, bears N. W.
- 40.00 Set a malpais stone, 18x8x6 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; and raised a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
- 46.00 To edge of mesa, 20 ft. high, bears N. 60° W. and S. 51° E.
- 46.50 Enter wash valley and timber, bear N. 60° W. and S. 51° E.
- 53.00 Leave the valley and timber, ascend 20 ft. to edge of mesa, bearing N. 60° W. and S. 60° E.
- 69.00 Descend 15 ft. to
- 70.00 Head of gulch, course N. 13° W. thence on lower mesa, over sandy ground, bear N. W. and S. E., through scatter-

• Sub-division T. 1 S.

Chains.

ing timber.

80.00

Set a malpais stone, $24 \times 12 \times 8$ ins.; 18 ins. in the ground, for cor. of secs. 4, 5, 8, and 9. marked with 5 notches on S., and 4 notches on E. edges; from which

A palo fierro, 24 ins. diam., bears S. 81° W., 308 lks. dist., marked T. 1 S., R. 23 W., S. 8, B. T. ✓

A palo verde, 20 ins. diam., bears N. 13° W., 315 lks. dist., marked T. 1 S., R. 23 W., S. 5 B. T. ✓

No trees within limits, raised a mound of stone, 4 ft. base, 2 ft. high, W. of cor. sand, nearly level.

Soil, gravelly and sandy; 1st and 2nd rate.

R. 23 W., - continued.

Chains.

Timber palo verde and palo fierro.

East on a random line
bet. sec. 4 and 9.

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

79.92 Intersect, N. and S. line,
12 lks. S. of cor. of sec. 3, 4, 9,
and 10.

Thence I run

S. $89^{\circ} 55' W.$, on a true line
bet. sec. 4 and 9.

Over mesa land.

7.00 Begin descent from mesa,
bears N. W. and S. E.

12.50 Foot of descent, 30 ft. below
mesa, in ravine 100 ch. wide
course N. W.

Ascend.

Subdivision T. 19.

Chains

18.00

Top of ascent, and edge of mesa,
30 ft. above ravine, bears N. W.
and S. E.

Thence on mesa

39.96

Set a malpais stone, 18 x 6 x 6
ins.; 12 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face;
and raised a mound of stone,
4 ft. base, 2 ft. high, N. of cor. ^{Pits impracticable.}

This cor. is on mesa about 20 ft.
above the cor. of secs. 4, 5, 8, and 9.

79.92.

The cor. of 4, 5, 8, and 9.

Land, level and rolling
Soil, gravelly; 2nd rate.
A few scattering palo verde
trees in places.

N. 0° 2' W. on a true line

R. 23 W. - continued.

Chains

bet secs. 4 and 5

Over nearly level mesa;
sandy and gravelly.

18.00

To edge of mesa, bears E. and W.,
begin descent.

20.00

Foot of descent, 40 ft. below mesa
bears E. and W.; thence over
wash valley through heavy
timber.

31.00

Leave the valley and heavy
timber, bears N. 80° W. and S. 80° E.,
and raised 30 ft. to edge of
mesa bears N. 80° W. and S. 80° E.
thence on mesa through
scattering timber.

40.00

Set a malpais stone, 20 x 6 x 6
ins.; 15 ins. in the ground,
for 1/4 sec. cor. marked
1/4 on W. face; from which

Subdivision T. 1 S.

Chains

A palo verde, bins. diam., bears
S. 22° E., 54 lks. dist., marked
 $\frac{1}{4}$ S. 4 B. T. ✓

A palo verde, 8 ins. diam., bears
S. 48° W., 114 lks. dist., marked
 $\frac{1}{4}$ S. 5 B. T. ✓

77.00 To edge of mesa, bears N. W.
and E.; descend 40 ft. to

79.60 Foot of descent, bears E. and W.

79.90 Intersect the Gila and Salt
River Base, at point distant
E. 12.10 chs. from the standard
 $\frac{1}{4}$ Sec. cor. established by me
in the S. line of sec. 33

T. 1 N., R. 23 W.

Set a malpais stone, $20 \times 8 \times 6$
ins., 15 ins. in the ground,
for closing cor. of secs. 4 and 5,
marked C. C., on S.; with 4

R. 23 W., continued.

Chains

grooves on E., and 2 grooves on
W. faces; from which

A palo verde, 8 ins. diam., bears
S. 46° E., 121 lks. dist., marked
T. 1 S., R. 23 W., S. 4; B. T. ✓

A palo fierro, 12 ins. diam., bears
S. 56° W., 58 lks. dist., marked
T. 1 S., R. 23 W., S. 5 B. T. ✓

Sand, nearly level.

Soil, sandy and gravelly;
1st and 2nd rate.

Timber scattering palo verde
and palo fierro.

April 15, 1902.

From the cor. of sec.

5, 6, 31, and 32.

on S. bdy. of Tp., 9 run

Subdivision T. 1 S.

Chains

N. $0^{\circ} 3' W.$ bet. secs. 31 and 32.

Over level valley,
through dense mesquite
timber.

26.45

Intersect line bet. desert land
claims of Adolf W. Frankenberg,
on the S., and Geo. W. Faulkner
on the N., at point distant,
 ≈ 19.37 chs. from post 1 ft. high,
4 ins. sq., marked X, set at
cor. common to said claims.

40.00

Set a mesquite post, 3 ft. long,
4 ins. sq., 24 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. 31 on W. face; 32 on E.
face, from which
A mesquite, 8 ins. diam., bears
S. $38^{\circ} E.$, 44 lks. dist., marked
 $\frac{1}{4}$ S. B.T.

R. 23 W., - continued.

Chains

A mesquite, 12 ins. diam., bears
N. 81° W., 72 lks. dist., marked
 $\frac{1}{4}$ S. B. T.

80.00

Set a mesquite post, 3 ft. long,
4 ins. sq., 24 in the ground,
for. cor. of secs. 29, 30, 31, and 32
marked

T. 1 S., S. 29 on N. E.,

R. 23 W., S. 32 on S. E.,

S. 31 on S. W., and

S. 30 on N. W. faces; with
1 notch on S., and 5 notches
on E. edges; from which

A mesquite, 10 ins. diam., bears
N. 76° E., 101 lks. dist., marked

T. 1 S., R. 23 W., S. 29 B. T. ✓

A mesquite, 6 ins. diam., bears
S. 80° E., 132 lks. dist., marked

T. 1 S., R. 23 W., S. 32, B. T. ✓

Subdivision T. 1 S.

Chains

A mesquite, 8 ins. diam., bears
S. 2° W., 276 lks. dist., marked
T. 1 S., R. 23 W., S. 31 B. T. ✓

A mesquite, 12 ins. diam., bears
N. 54° W., 45 lks. dist., marked
T. 1 S., R. 23 W., S. 30, B. T. ✓

Sand, level.

Soil, loam; 1st rate.

Timber, mesquite.

Dense undergrowth 80.00 chs.

East on a random line
bet. sec. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line, 21 lks.
N. of the cor. of secs. 28, 29, 32,
and 33.

Thence I run

R. 23 N., - continued.

chains

N. $89^{\circ} 51' W.$ on a true line.

bet. sec. 29 and 32.

Down wash valley,
through palo verde and palo-
fierno timber,

40.00

Set a malpais stone, $18 \times 10 \times 6$
ins., 12 ins. in the ground,for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face; from whichA palo verde, 8 ins. diam., bears
N. $36^{\circ} E.$, 113 lks. dist., marked
 $\frac{1}{4} S. 29, B.T. \checkmark$ A palo verde, 11 ins. diam., bears
S. $10^{\circ} W.$, 70 lks. dist., marked
 $\frac{1}{4} S. 32, B.T. \checkmark$

72.00

At right (N.) edge of wash
valley; look N. $59^{\circ} E.$ along
edge of low mesa and wash.

75.00

Touch S. W. point of low

Subdivision T. 1 S.

Chains

masa. Enter Cibola Valley
leaves N. and S.; enter dense
mesquite and undergrowth;
course N. and S.

80.00 The cor. of secs. 29, 30, 31, and 32.
Land, level.

X
Soil, loam, and gravelly;
1st and 2nd rate.

Timber, palo verde, palo fierro,
and mesquite.

Heavily timbered land 70.00 chs.

West on a random line,
bet. secs. 30 and 31

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

78.03 Intersect W. bdy. of Tp. at the cor.
of secs. 25, 30, 31, and 36

Thence I run

R. 23 W., - continued.

Chains

East on a true line

bet secs. 30 and 31.

Over level land, through dense mesquite brush and timber.

32.00 Road of local travel, bears N. 60° W. and S. 60° E.

34.80 Road from Yuma to Ehrenberg bears N. and S.

38.03 Set a mesquite post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 30 on N. face; 31 on S. face; from whichA mesquite, 16 ins. diam., bears S. 54° E., 135 lks. dist., marked $\frac{1}{4}$ S. B. T.A mesquite 12 ins. diam., bears S. 23° W., 74 lks. dist., marked

Subdivision T. 15.

Chains

 $\frac{1}{4}$ S. B. T.

38.15

Intersect line bet. Desert Sand
Claims of Julia D. Anderson,
on the W., and Geo. W. Faulkner,
on the E., at point distant S.

26.70 chs. from mesquite post
1 ft. high, 4 ins. sq., marked

$\frac{1}{4}$ M.; set at cor. common to
said Claims, and the Desert

Sand Claim of James E. Snow.

78.03

The cor. of secs. 29, 30, 31, and 32.
Sand, level.

Soil, loam; 1st rate.

Timber mesquite

Dense undergrowth 78.03 chs.

N. 0° 3' W. bet. secs. 29 and 30
Over level land.

R. 23 W., - continued.

Chains

- 12.00 through dense mesquite brush
Leave dense mesquite, ascend
bft. to edge of low mesa,
bears S. E.; thence skirting
along edge of low mesa,
through mixed palo verde
and mesquite timber.
- 26.77 Intersect the N. line of Geo. W.
Faulkner Desert Land
Claim at point distant, W.
3 lks. from post, 1 ft. high, 4 ins.
sq., marked $\frac{1}{4}$ M., set at the
N. E. cor. of said claim.
- 40.00 Set a malpais stone, 18 x 8 x 8
ins., 12 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. face; from which
A palo verde, 8 ins. diam., bears
N. 6° E., 278 lks. dist., marked

Subdivision T. 1 S.

Chains

- $\frac{1}{4}$ S. 29 B.T. ✓
 A palo verde, 16 ins. diam., bears
 N. 47° W., 177 lks. dist., marked
 $\frac{1}{4}$ S. 30, B.T. ✓
- 42.00 Descend 5 ft.; leave low mesa
 and enter wash valley,
 bearing E. and S. 45° W.
 palo verde and palo fierro
 timber in the wash.
- 67.00 Leave the wash valley, bears
 N. 45° E. and S. 45° W.; ascend
 4 ft. to low mesa, bears N. E.
 and S. W., mesa extends West
 about 8.00 chs.
- 78.00 Descend 4 ft. from mesa to
 wash valley, bears E., and S.
 80° W.
- 80.00 Set a malpais stone, 28 x 6 x 6
 ins., 2 ins. in the ground,

R. 23 W., - continued.

chains

for cor. of secs. 19, 20, 29, and 30.
marked with 2 notches on S.
and 5 notches on E. edges;

from which

A palo fierro, 22 ins. diam.; bears
N. 9° E., 302 lks. dist., marked
T. 1 S., R. 23 W., S. 20 B. T. ✓

A palo fierro, 8 ins. diam., bears
S. 34° E., 288 lks. dist., marked
T. 1 S., R. 23 W., S. 29 B. T. ✓

A palo fierro, 12 ins. diam., bears
S. 35° W., 163 lks., dist., marked
T. 1 S., R. 23 W., S. 30 B. T. ✓

A palo fierro, 14 ins. diam., bears
N. 5° W., 168 lks. dist., marked
T. 1 S., R. 23 W., S. 19 B. T. ✓

Land, level.

Soil, loam and gravelly;
1st and 2nd rate.

Subdivision T 1 S.

Chains

Timber, mesquite, palo verde,
and palo fierro.

Heavily timbered land or land
covered with dense undergrowth 39.00 chs

S. $89^{\circ} 51' E.$ on a random line
bet. secs. 20 and 29.

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

80.04 Intersect N. and S. line, 16 lks.

~~#~~^S of the cor. of secs. 20, 21, 28 and 29.

Thence Down

N. $89^{\circ} 58' W.$ on a true line
bet. secs. 20 and 29.

Down wash valley, through
palo verde, and palo fierro
timber.

26.00 Leave the wash valley and
timber bears N. $85^{\circ} E.$ and S. $85^{\circ} W.$

R. 23 W., - continued.

Chains

at edge of mesa 6 ft. high;
thence on mesa, parallel
100 ch. N. of wash valley.

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

A palo verde, 5 ins. diam, bears
N. 51° E. 65 lks. dist., marked
 $\frac{1}{4}$ S. 20, B.T.

No other tree within limits
and raised a mound of
stone, 4 ft. base, 2 ft. high, N. of
cor.

Pits impracticable

66.00 Leave the low mesa, bears
N. 85° E., and S. 85° W.; descend
5 ft., thence in wash valley
and palo verde, and palo fierro

Subdivision T. 1 S.

Chains.

timber, and grease-wood undergrowth.

80.04

The cor. of secs., 19, 20, 29, and 30.
Sand, level.

Soil, gravelly; 2nd rate.

Timber palo verde and palo fierro.

Heavily timbered land, 26.00 chs.

April 16, 1902.

West on a random line

bet. secs. 19 and 30

40.00

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

77.96

Intersect W. bdy. of the Twp. 4

lks. N. of the cor. of secs.

19, 24, 25 and 30.

Thence I run

N. $89^{\circ} 58' E$. on a true line

bet. secs. 19 and 30.

R. 23 W., - continued.

Chains

over level land, through
dense mesquite brush

37.78

Intersect the E. line of Jefferson
D. Down's Desert Land Claim
at point distant S. 26.86 chs.
from its N. E. cor., which
is a mesquite post, 1 ft. high,
4 ins. sq., marked $\frac{1}{4}$ M.

37.96

Set a mesquite post, 3 ft. long,
4 ins. sq., 24 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. 19 on N. face; 30 on S. face;
from which

A mesquite, 6 ins. diam., bears
N. 61° E. 57 lks. dist., marked
 $\frac{1}{4}$ S. B. T.

A mesquite, 8 ins. diam., bears
S. 33° W., 118 lks. dist., marked
 $\frac{1}{4}$ S. B. T.

Subdivision T. 1 S.

Chains.

41.20

Road from Yuma to Ehrenberg
bears N. 19° W. and S. 23° W.

54.00

Leave dense mesquite and
loam soil, bears N. and S.
thence over sandy soil, through
grease-wood undergrowth.

77.96

The cor. of secs. 19, 20, 29, and 30.
Sand, level.Soil, loam, and sandy;
1st rate.

Timber, mesquite.

Dense undergrowth 77.96chs

✓

N. 0° 3' W., bet. secs. 19 and 20.

In wash valley, through
palo verde and palo fierro
timber.

18.00

Leave wash valley and timber,

R. 23. W., - continued.

Chains

bears N. 75° E. and W.; about
800 chs. W. to Cibola Valley, rise
10 ft. to mesa, same bearing.

28.00

Descend 8 ft. from mesa to
wash valley, bear E. and S.
 70° W.; palo verde and palo fierro
timber in the valley.

40.00

Set a marpais stone, $18 \times 10 \times 5$
ins.; 12 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face; from which
A palo verde, 20 ins. diam., bears
S. 10° E., 397 lks. dist., marked
 $\frac{1}{4}$ S. 20 B.T. ✓

A palo fierro, 6 ins. diam.; bears
N. 55° W., 207 lks., dist., marked
 $\frac{1}{4}$ S. 19, B.T. ✓ and raised
a mound of stone, 3 ft. base
2 ft. high, W. of cor

Subdivision T. 1 S.

Chains

42.00

Ascend 8 ft.; change from wash valley and timber to mesa bear N. 82° E., and S. 82° W.

A few scattering trees on mesa.

80.00

Set a malpais stone, 20x10x6 ins., 15 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, marked with 3 notches on S. and 5 notches on ~~N. face~~ ^{E. edges};

from which

A. palo verde, 6 ins. diam., bears

S. 30° W., 16 lks. dist., marked

T. 1 S. R. 23 W., S. 19, B. T. ✓

No other tree within limits,

raised a mound of stone, 3 ft.

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

Pts impracticable.

Sand, level.

Soil, gravelly; sand rate.

R. 23 W., -continued.

Chains

Timber, palo verde, and palo fierro.

S. $89^{\circ}58'$ E., on a random line
bet. secs. 17 and 20

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.12 Intersect N. and S. line 5 lks.
N. of the cor. of secs. 16, 17, 20, and 21
Thence downN. $89^{\circ}56'$ W. on a true line
bet. secs. 17 and 20.

Down ravine through timber.

10.00 Touch and thence along right
bank of the ravine,

17.00 Reenter ravine

23.00 Left bank of the ravine,
which turns to N. 70° W.

thence on rolling grounds.

34.00 Gulch, 10 lks. wide, course N. W.

Subdivision T. 1 S.

Chains

400 chs. to ravine
 40.06 Set a malpais stone, 24x12x6 ins, 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raised a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

Pits impracticable.

This cor. stands about 25 ft. above and 200 chs. S. of ravine

50.00 Enter at left bank of ravine 4 chs. wide, thence down ravine,

65.00 Left bank of the ravine, which turns to N. 60° W.; thence over mesa.

80.10 The cor. of secs. 17, 18, 19, and 20
 Sand, level, and rolling
 Soil gravelly; 2nd rate.

R. 23 W., continued.

Chains

Timber pole beds and
pads fierro in the ravine.

Heavily timbered land 25.00 chs.

S. 89° 58' W., on a random line
bet. secs. 18 and 19

40.00 Set temp 1/4 sec. cor.

77.86 Intersect W. bdy. of Tp. 5' lks. S.
of the cor. of secs. 13, 18, 19, and 24
Thence I run

East on a true line
bet. secs. 18 and 19.

† Over level land, through dense
mesquite.

17.10 Cibola canal, 50 lks. wide
course S.

17.38 Intersect the E. line of Forest
Lieu land owned by,

Subdivision T. 1 S.

Chains.

- Thomas O. Toland at point distant $N_{17}^{\circ} 12.98$ chs. from S.W. cor., which is a mesquite post, 1 ft. high, 4 ins. sq., marked C.S. 22, which post stands at the N.E. cor. of Mary E. Hanna's Desert Sand Claim; and the S.W. cor. of Edward L. Adams' Desert Sand Claim.
- + 25.80 Road from Yuma to Ehrenberg, bears N. and S.
- 36.40 Change from dense to scattering mesquite, bears N. and S.
- 37.86 Set a mesquite post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 18 on N. face; 19 on S. face; from which

R. 23 W., - continued.

Chains

A mesquite, 6 ins. diam., bears
N. 44° E., 123 lks. dist., marked
1/4 S. B. T.

A mesquite, 10 ins. diam., bears
S. 72° W., 168 lks. dist., marked
1/4 S. B. T.

48.00 Leave scattering mesquite,
bears N. and S.

61.00 Merge to mesa, bears N. and S.

77.86 The cor. of secs. 17, 18, 19, and 20
Sand level.

Soil, loam, sandy and
gravelly; 1st and 2nd rate.

Timber, mesquite.

Dense undergrowth 36.40 chs.

April 17, 1902.

N. 0° 3' W. bet. secs. 17 and 18

Subdivision T. 1 S.

Chains.

Over mesa.

9.00

To edge of mesa 6 ft. high, bears
S. 60° E. and N. 60° W. 150 chs. thence
turns to S. 73° W.;

16.00

+ Enter wash valley,
Touch on W. point of mesa; its
S. edge bears S. 60° E. and N. edge
bears N. 68° E.

29.00

Ascend 8 ft.; and change from
valley to mesa, bears N. 58° E.
and S. 58° W.

40.00

Set a malpais stone, $24 \times 6 \times 5$
ins., 18 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face; from which
A palo verde, 12 ins. in diam., bears
N. 40° E., 275 lks. dist., marked
 $\frac{1}{4}$ S. 17, B.T. ✓
A palo verde, 9 ins. diam., bears

R. 23 W., - continued.

chains.

N. 51° W., 205 lks. dist., marked
 $\frac{1}{4}$ S. 18 B.T. ✓

A saguara plant, 20 ft. high,
 bears N. 36° E., 175 lks. dist.,

57.00 Descend 8 ft.; leave mesa and
 enter wash valley, bears
 N. 67° E. and S. 67° W.

65.00 Ascend 12 ft.; and change from
 valley to mesa, bears N. 80° E.
 and S. 80° W.

72.00 Head of gulch, 10 lks. wide,
 course S. W.

80.00 Set a malpais stone, $27 \times 9 \times 7$
 ins. 2 ins. in the ground,
 for cor. of secs. 7, 8, 17, and 18,
 marked with 4 notches on S.
 and 5 notches on E. edges; and
 raised a mound of stone,
 4 ft. base, 2 ft. high, W. of cor.

Subdivision T. 1 S.

Chains

Pito impracticable.

This cr. stands on mesa, about
30 ft. above Cibola Valley.

Sand, level.

Soil, gravelly; 2nd rate.

Timber palo verde and palo fierro
heavy in the washes, and
scattering on the mesas.S. $89^{\circ}56'E$. on a random line
bet. secs. 8 and 17.40.00 Set temp $\frac{1}{4}$ sec. cr.80.08 Intersect N. and S. line, 8 lks. S.
of the cr. of secs. 8, 9, 16, and 17.Thence I run
N. $89^{\circ}59'W$. on a true line
bet. secs. 8 and 17

Over mesa

R. 23. W., -continued.

Chains

20.00

Descent 50 ft. to

25.00

Bottom of short gulch, course

S. 200 chs. to ravine,

Ascend 30 ft. to

27.00

Top of a lower mesa

40.04

Set a malpais stone, $18 \times 8 \times 6$

ins.; 12 ins. in the ground,

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

A palo verde 4 ins. diam., bears

N. 73° E., 116 lks. dist.; marked $\frac{1}{4}$ S. 8, B.T. ✓

A palo fierro, 4 ins. diam., bears

S. 50° W., 24 lks. dist., marked $\frac{1}{4}$ S. 17 B.T. This cor. stands

on mesa about 500 chs. N. of a

ravine, and at head of a

gulch, 20 lks. wide, course

S. 60° W.

Subdivision T. 1 S.

Chains.

80.08

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

Sand, nearly level mesa.

Soil, gravelly; 2nd rate.

A few palo verde and palo fierro trees in places.

West on a random line
bet. secs. 7 and 18

40.00

Set temp 44 sec. cor.

77.80

Intersect N. and S. line, at
the cor. of secs. 7, 12, 13 and 18,

Thence I run

East on a true line

bet. secs. 7 and 18

Over level land, through
mesquite and arrow-wood
brush.

16.75

Cibola Canal, 50 ft. wide

R. 23 W., -continued.

Chains.

course S.

17.03

Intersect the E. line of Alex. A. Hannah's Desert Sand Claim, and W. line of Edward L. Adams' Desert Sand Claim, at point distant S_{outh} 27.48 chs. from mesquite post, 1 ft. high, 4 ins. sq., marked $\frac{1}{2}$ M., standing at the N. E. cor. of said Alex. A. Hannah's Claim, and the S. E. cor. of Forest Reserve Sand owned by Thomas O. Toland. The N. E. cor. of James F. Pool's Desert Sand Claim, which is a mesquite post, 1 ft. high, 4 ins. sq., marked $\frac{1}{4}$ M., bears S_{outh} 12.53 chs. distant.

17.30

Road from Yuma to Chemberg, bears N. and S.

Subdivision T. 1 S.

Chains

37.80

Set a mesquite post, 3 ft. long,
4 ins. sq., 24 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. 7, on N. face; 18 on S. face;
from which

A mesquite, 12 ins. diam., bears
N. 55° E., 35 lks. dist., marked
 $\frac{1}{4}$ S. B.T.

A mesquite, 12 ins. diam., bears
S. 64° E., 30 lks. dist., marked
 $\frac{1}{4}$ S. B.T.

39.30

To edge of valley and mesa
4 ft. high, bear N. 32° E. and S.
2.00 chs., thence turns to
S. 53° E.; leave valley and
timber and go on to mesa.

77.80

The cor. of secs. 7, 8, 17, and 18.
Sand, level.

Soil, loam and gravelly;

R. 23 W., - continued.

Chains

1st and 2nd rate.

Timber, mesquite, and arrow-wood brush.

Dense undergrowth 39.30 chs.

April 18, 1902.

N. 0° 3' W. bet. secs. 7 and 8.

Over mesa.

9.00

Gulch, 20 ft. wide, (near its head) course W.

33.00

Enter ravine, course W.; palo verde and palo fierro timber in the ravine.

38.00

Leave the ravine, course W.

40.00

Set a malpais stone, 18 x 12 x 6 ins. ^{2 ins. in the ground} for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raised a mound of stone, 3 ft. base

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Subdivision T. 1 S.

Chains.

2 ft. high, W. of cor.,

Pits impracticable.

48.50

Gulch, 20 lks. wide, course W.

52.53

A six-prong saguara plant,
on line.

70.00

Enter wash or ravine; course
S. 80° W.; palo verde and
palo fierro timber in the ravine.

80.00

To the N. edge of the wash or
ravine, at base of mesa,
course N. 80° W., and S. 80° E.
Set a malpais stone, 20 x 8 x 7
ins.; 15 in. in the ground,
for cor. of secs., 5, 6, 7, and 8
marked with 5 notches on S.
and E. edges; from which
A palo verde, 12 ins. diam., bears
S. 16° E., 87 lks. dist., marked
T. 1 S., R. 23 W., S. 8 B. T. ✓

R. 23 W., -continued.

Chains.

A palo verde, 10 ins. diam., bears

N. 71° W.; 192 lks. dist., marked

T. 1 S., R. 23 W., S. 5, B. T ✓

No other tree within limits;

raised a mound of stone,
4 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, gravelly; 2nd rate

Timber, palo verde and palo

firro in ravines or washes.

Heavily timbered land 15.00 cho.

~~X~~
S. $89^{\circ} 59' E$, on a random line
bet. secs. 5 and 8.

4000 Set temp $\frac{1}{4}$ sec. cor.79.94 Intersect N. and S. line, 11 lks. N.
of the cor. of secs. 4, 5, 8, and 9.

Thence 9 run

Subdivision T. 1 S.

(Chains.

N. $89^{\circ}54'W$, on a true line
bet. secs. 5 and 8.

Over mesa.

9.50 Gulch 20 lks. wide, course N. W.

39.97 Set a malpais stone, $20 \times 6 \times 6$ ins.
15 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face
from which

A palo verde, 8 ins. diam; bears
 $S. 52^{\circ}E$, 136 lks. dist; marked
 $\frac{1}{4} S. 8, B. T.$

No other tree within limits;
raised a mound of stone,
4 ft. base, 2 ft. high, N. of cor.

71.00 Mouth of short gulch, from N.
thence along on edge of mesa

79.94 The cor. of secs. 5, 6, 7, and 8.
Sand, nearly level.

Soil, gravelly; 2nd rate.

R. 23 W., - continued.

chains.

A few palo verde, and palo fierro trees in places.

West on a random line
bet. secs. 6 and 7.

40.00

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

77.70

Intersect the W. bdy. of Twp.,
8 lks. S. of cor. of secs.

1, 6, 7, and 12.

Thence run

S. $89^{\circ} 57' E.$, on a true line
bet. secs. 6 and 7

over level land

Through mesquite timber;
in depression or dry slough

4.50

Bank of slough 4 ft. high,
at edge of timber and edge
of cultivated ground bears

Subdivision T. 1 S.

Chains

- N. E. and S. 66° W.; thence over plowed land
- 8.84 Cibola Canal, 60 lks. wide, now dry
4 ft. deep, course S. $40\frac{3}{4}^{\circ}$ W.
- 16.70 Road from Yuma to Rancho Pader and Ehrenberg, bears N. and S.
- 26.00 Leave plowed land, bears N. E. and S. W.; Thence over land "cleared" of brush.
- 37.70 Set a mesquite post, 3 ft. long, 5 ins. sq., with marked stone, 24 ins. in the ground, for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ S. 6 on N. face; 7 on S. face; dug pits, 18" x 18" x 12 ins., E. and W. of post, 3 ft. dist.; and raised a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

R. 23 W., - continued.

Chains

48.00

Leave "cleared" land, bearse
N. E. and S. W.

50.00

Leave Cibola Valley, bearse
N. and S.; W. point of mesa
bearse N. about 2.00 chs. dist,

Thence up wash valley or
ravine through palo verde,
and palo fierro timber.

77.70

The cor. of secs. 5, 6, 7, and 8
land, level.

Soil, loam, and sandy;
1st and 2nd rate.

Timber, palo verde, palo fierro,
and mesquite.

N. 0° 3' W., on a true line
bet. secs. 5 and 6.

Over mesa.

Subdivision T. 1 S.

chains

9.29

Station from which, adobe house, Rancho Pader, bears N. $63\frac{1}{2}^{\circ}$ W.

40.00

Said adobe house bears S. $81^{\circ}10'$ W. Set a m^{pl} pais stone, $20 \times 7 \times 5$ ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. on W. face; and raised a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Pits impracticable.

This cor. stands on mesa, 30 ft. above Cibola Valley.

54.00

To edge of mesa, bears S. 73° E. and N. 70° W.; about 7 chs. W. to Cibola Valley, descend 20 ft. to

55.00

Enter wash valley, and timber bears N. 70° W. and S. 73° E. thence crossing the wash near

R. 23 W., - continued.

Chains.

its mouth.

- 74.00 Right edge of the wash, bears S. 50° E. and W.; ascend 6 ft. to mesa, bears S. 50° E. and W. thence crossing point of mesa, 200 chs. E. of valley.
- 77.70 Road from Yuma to Ehrenberg bears N. E. and S. W.
- 78.60 Wire fence and edge of mesa 4 ft. high, bears N. E. and S. W.; enter Cibola Valley, bears N. E. and S. W. As the closing cor. to sec. 5 and 6 will fall in Cibola Canal, not a secure place for a monument therefor at
- 79.00 Set a malpais stone, $20 \times 8 \times 8$ ins. 15 ins. in the ground, for witness cor. to closing

Subdivision T. 1 S.

Chains.

cor. of sec. 5 and 6; marked
W.C., C.C. on S. with 5 ^g grooves
on E. and 1 ^g groove on W. faces;
from which

A mesquite, 6 ins. diam., bears
S. 55° E., 9 lks. dist., marked
T. 1 S., R. 23 W., S. 5, B. T. W. C.

A mesquite, 12 ins. diam., bears
N. $78\frac{1}{2}^{\circ}$ W., 175 lks. dist., marked
T. 1 S., R. 23 W., S. 6, B. T. W. C.

A mound of stone, 4 ft. base,
2 ft. high, ^{S.} W. of cor.

79.94 Center of Cibola Canal, course
S. $40\frac{3}{4}^{\circ}$ W.; Canal dry at present

80.00 Intersect Gila and Salt
X River Base, at point distant
E. 12.10 chs. from the standard
 $\frac{1}{4}$ sec. cor., established by me
on the S. line of sec. 32. T.

R. 23 W., - continued.

Chains

1 N., R. 23 W.

Set peg 2 ins. sq., at true point for the closing cor. of sec. 5 and 6 in Cibola Canal, from which

The southernmost cor. (cor No. 1) of the reservoir site of the Cibola Canal Company, which is a mesquite post, 3 ft. high, 5 ins. sq., marked "NO. 1" on E., and "RESEVOIR" on W. face; bears N. 61° 20' E., 4.48 chs. distant.

Land nearly level.

Soil, gravelly; 2nd rate Timber, palo verde, and palo fierro.

Measured April 19, 1902.

General Description

This township embraces mesa on the east, and valley or river bottom land on the west; the mesa is gravelly, 2nd rate soil, and is cut by many washes or raiines, courising west from mountains, toward the valley.

The soil of the valley is a rich yellow loam, covered mainly with dense mesquite and arrow-wood; fertile when irrigated. A canal for irrigation has been brought from the Colorado River, to, and across parts of the valley, and the Desert Land Claims, located in the

foregoing notes may be irrigated by same.

No springs or flowing stream in this township.

There are settlers in the west-tier of sections.

John A Barry
U. S. Deputy Surveyor.

For final notes see Pub's.
The Meanders T. 1 P. R. 24 W.

Office of U. S. Surveyor General,

Phoenix, Arizona.

Nov. 3-1903

The foregoing field notes of the survey of the *Subdivisions of Twp. 1 South, Range 23 West*

Gila and Salt River Base and Meridian, Arizona,

executed by *John A. Barry*

U. S. Deputy Surveyor, under Contract No. 84

dated *July 13-1901*, having been

critically examined, the necessary corrections

and explanation made, the said field

notes and surveys they describe are hereby

approved.

Frank S. Ingalls
U. S. Surveyor General

for the District of Arizona.