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F I E L D N O T E S
OF THE SURVEY OF THE
SUBDIVISION LINES

OF

Fractional T. 8 N., R. 31 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By A. E. Shoemaker D. S., under
Contract dated August 5, 1882.
Survey commenced Sept. 25, 1883.
Survey completed Oct. 1, 1883.

1A
 Township 8 North, Range 31 E. N.
 G. and S. R. M.

6	58	5	39	4	26	3	13	2	1
57		56		38		25		12	
7	55	8	37	9	24	10	11	11	12
54		53		36		23		10	
18	51	17	35	16	22	15	9	14	13
50		49		34		21		8	
19	48	20	33	21	20	22	7	23	24
47		46		32		19		5	
30	44	29	30	28	17	27	4	26	25
43		42		29		16		3	1
31	41	32	28	33	15	34	1	35	36

For preliminary oaths and description of instrument see book No. 1.

1. 8 N., R. 31 E., G. W. S. R. M.

No. 57

Circum.

From the cor. to secs. 2, 3, 34th & 35th
on S. boundary of T₄, which is a
post, set firmly in the ground, marked
T. 8 N., S. 35 on U. E.

R. 31 E., S. 2 on S. E.

T. 7 N., S. 3 on S. W. ^{2nd}

S. 34 on N. W. face, with 2 notches

on E. ^{2nd} & 4 notches on W. edges

with pits, in each sec., 5¹/₂ ft. dist,

and a mound of earth, in good

order around post; from which trans:

a Pine, 10 ins. dia, S. 10¹/₄° E., 114 lks. dist,

marked T. 7 N., R. 31 E., S. 2 B. C.,

Orun

North between secs. 34th & 35th

Yd. 14° 21' East.

Descend.

35.00 a Pond trans W., 3.00 chs. dist.

40.00 Set a Post, 3 ft. long, 3 ins. square,
with marked stone, 12 ins. in the
ground, for 14 sec cor., marked 14 S.

V. 8 N., R. 31 E., S. 45° E. R. M.

Chambers

BOOK 57

on W. face, dug pits $18 \times 18 \times 12$ ins. U.
and S. of post, $5\frac{1}{2}$ ft. dist., and raised
a mound of earth, $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post.

55.00 Corro road, bears N. 45° W. and S. 45° E.

80.00 Set a post, 4 ft long, 4 ins. square,
with marked stone, 12 ins. in the
ground, for ex. to sec.

26, 27, 34 and 35 marked

V. 8 N., S. 26 on U. E.

R. 31 E. S. 35 on S. E.

V. 34 on S. W. and
on E. edge with 1 notch in S and 2
S. 27 on U. W. faces, dug pits $18 \times 18 \times 12$ ins.

in each sec, $5\frac{1}{2}$ ft. dist., and
raised a mound of earth, 2 ft.

high, $4\frac{1}{2}$ ft. base around post.
Land level.

Soil 1st rate.

Timber of Pine and Cedar.

Vegetation bunchgrass.

J. & M., R. 31 E., G. 2nd S. R. M.
BOOK 57

Chains

East on a true line, bet. secs 26th & 35.
Val. 14° 21' East.

Ascend.

39.65 Intersect boundary line between
New Mexico^{2nd} and Arizona, 39.65 chs.
North of the 204th Mile Cor., which
is a laral stone, set firmly in the
ground, marked 204 on N.; N. M.
on E.; 32° W. L. on S. ^{2nd} Ariz on W.
faces, with pits N. ^{2nd} S, 6 ft. diam,
and a mound of earth, in good
order along side, and
set a post, 4 ft. long, 4 ins. square
with marked stone, 12 ins. in the
ground, for closing cor. to secs
26th & 35, marked
C. C. J. & M. R. 31 E. on N.
S. 26 on N. ^{2nd}
S. 35 on S. faces, with 1 notch on
S ^{2nd} 5 notches on N. ^{2nd} ^{face} dug pits
18x18x12 ins. N, S. ^{2nd} W. of post,

T. & U., R. 01 E., T. 24 S. R. 24.

Chains

BOOK 57

5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base around post.

Land level.

Soil 1st and 2nd rates.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

North, between secs. 26 and 27.

Var. 14° 21' East.

Descend.

27.25 Cross road, bears N. 5° W. and S. 85° E.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face, dug pits 18 x 18 x 12 ins. N. and S. of post, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.

50.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the

T. 8 N., R. 31 E., S. W. P. R. M.
BOOK 57

Chains.

ground, for ev. to secs.
 22, 23, 26th and 27 marked
 T. 8 N., S. 23rd or 4. E.
 R. 31 E., S. 26th or V. E.
 S. 27th or S. W. and
 S. 22nd or N. W. faces, with 2
 notches on S. and 2 notches on E.
 edges, dug pits 18 x 18 x 12 ins. in
 each sec, 5^{1/2} ft. dist., and
 raised a mound of earth, 2 ft.
 high, 4^{1/2} ft. base around post.
 Land rolling.
 Soil 1st rate.
 Timber of Pine and Cedar.
 Vegetation, bunchgrass.

East on a true line, bet. secs. 23rd and 26,
 Wa. 14° 21' East.

Ascend.

39.90 Intersect boundary line between
 Arizona and New Mexico, 39.87 chs.

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T. 8 N., R. 31 E., S. 23 & S. R. 26.

BOOK 51

Chambers

North from the 200^m Mile Cor.,
which is a lava stone, set firmly
in the ground, marked 200 on N.;
U. M. on E.; 32° W. L. on S. ^{2nd} and Ariz
on W. faces, with pits U. ^{2nd} and S.,
6 ft. dist., and a mound of earth
in good order, alongside and
set a post, 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for
Claim Cor. to secs. 23rd and 26, marked
C. C. T. 8 N., R. 31 E. on W.

S. 23 on U. and

S. 26 on S. faces, with 2 notches on S.
and 4 notches on U. edges, dug pits
18 x 18 x 12 ins. U., S. ^{2nd} and W. of post, 5 1/2 ft.
dist. and raised a mound of earth
2 ft. high, 4 1/2 ft. base, around post.
Land rolling.

Soil 1st and 2nd rate.

Timber of Pine ^{2nd} and Cedar.

Vegetation, bunchgrass.

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J. S. U., R. O. E., G. & S. R. M.

BOOK 57

Charris.

North, between secs. 22nd & 23.

W. 14° 21' East.

Descend.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for 14 sec. cor., marked 14 S. on W. face, dug pits 18x18x12 ins. N. & S. of post, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, around post.

80.00 Set a sandstone, 12x10x8 ins., 8 ins. in the ground, for cor. to secs. 14, 15, 22nd & 23, marked with 3 notches on S. & 2 notches on E. edges and raised a stone mound alongside. Pits unpracticable. Land rolling.

Soil 1st and 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrasses.

T. S. N., R. 31 E., S. 14 S. R. M.

BOOK 57

Chamis

East on a true line bet. secs. 14th & 23.

Va. 14° 21' East.

Ascend.

- 39.49 Intersect boundary line between Arizona
 and New Mexico, 39.54 chs. North of the
 202nd Mile Cor., which is a lava
 stone, set firmly in the ground, marked
 202 on N.; N. M. on E.; 32° W. S. on
 S. th Ariz. on W. face, with a stone
 mound, in good order, alongside, and
 set a post, 4 ft. long, 4 ins. square, with
 marked stone, 12 ins. in the ground, for
 closing Cor. to secs. 14th & 23, marked
 C. C. T. S. N., R. 31 E. on W.
 S. 14 on N. th and S. 23 on S. face, with 3
 notches on N. th & S. edges; dug pits 10 x 10 x 12 ins.
 N. th S. th W. of post, 5 1/2 ft. dist, th & raises an
 earth mound, 2 ft. high, 4 1/2 ft. base, around post.
 Land soiling.
 Soil 1st and 2nd miles.
 Vegetation, bunchy mes.

J. S. M., R. 31 E., T. 3 S. R. 4 W. 9

BOOK 57

Charis

North, between secos. 14th and 15.

W. $14^{\circ} 21'$ East.

Descend.

- 35.00 Cross Creek, 15-20 yds. wide, course
 4.30° E. and ascend.
- 40.00 Set a sandstone, 10 + 8 + 3 ins., 7 ins.
in the ground, for 14° sec. cor, marked
 14 on W. face and raised a mound
of stone along side. Pits impracticable.
- 80.00 Set a post, 4 ft. long, 4 ins. square,
with marked stone, 12 ins. in the
ground, for cor. to secos. 10, 11, 14 & 15, marked
J. S. M., S. 11 on U. E.
R. 31 E., S. 14 on S. E.
S. 15 on S. W. and S. 10 on N. W. faces,
with 4 notches on S. $\frac{3}{4}$ and 2 notches on
E edges, dug pits $10 \times 10 \times 12$ ins. in each
sec, $5 \frac{1}{2}$ ft. dist., and raised a mound
of earth, 2 ft. high, $4 \frac{1}{2}$ ft. base, around post.
Land clearing. Soil 1st and 2nd rate.
Vegetation, bunchgrass.

J. & N., R. 31 E., G. & S. P. R. M.

Chanis

BOOK 51

East on a true line, bet. secs. 11th & 14th.
 W. $14^{\circ} 21'$ East,

Descend

20.00 Cross Creek, 17 lks. wide, course
 N. 20° E. and ascend.

39.66 Intersect boundary line, between
 Arizona & New Mexico, 39.16 chs North
 of the 201st Mile Cor, which is a
 lava stone, set firmly in the ground, marked
 201 on N.; N. M. on E.; 32° W. S. and S.
 on Ariz. on W. faces, with a stone
 mound, in good order, along side, and
 set a sandstone, $14 \times 10 \times 4$ ins., 9 ins. in
 the ground, for Closing Cor. to secs.
 11th & 14th, marked E. Co. with 4 notches
 on S. and 2 notches on N. edges and
 raised a mound of stone
 along side. Pits impracticable.

Land rolling.

Soil 1st and 2nd rate.

Vegetation, bunchgrass.

September 25th 1883.

T. & N., R. 31 E., S. 21 S. R. M.

BOOK 51

Chavis.

East on a true line, bet. secs. 2nd & 11,
 Va. 14° 21' East.

Over rolling land.

39.43 Intersect boundary line between
 New Mexico^{2nd} & Arizona, 39, 30 chs.
 North of the 200th Mile Cor., which
 is a lava stone, set firmly in the
 ground, marked 200 on N.; N. M. on E.
 32° W. S. on S.^{2nd} Ariz on W. faces, with
 pits, N.^{2nd} & S., 6 ft. dist., and a mound
 of earth, in good order, along side, and
 set a sandstone, 9 x 8 x 7 ins., 6 ins. in
 the ground, for closing Cor. to secs.
 2nd & 11, marked E. C. with 5 notches
 and 2nd on 1 notch on N. edges and raised
 a mound of stone along side. Pits
 impracticable.

Land rolling.

Soil 3rd rate.

Timber of Pine^{2nd} and Cedar.

Vegetation, bunchgrasses.

T. S. N., R. O. E., G. and S. R. M.

BOOK 57

Chains.

North on a true line, bet. secs. 2nd & 3rd.
 Va. 14° 21' East.

Over rolling land.

40.00 Set a sandstone, 18x11x6 ins, 12 ins.
 in the ground, for 1/4 sec. cor, marked
 1/4 on W. face and raised a
 mound of stone alongside pits
 impracticable.

80.94 Intersect the 2nd Standard line
 North, 13.76 chs. West of the Standard
 1/4 sec. cor. on S. boundary sec. 34,
 T. S. N., R. O. E., which is a
 sandstone set firmly in the ground,
 marked S.C. 1/4 on N. face, with pits
 E. and W., 5 1/2 ft. dist., and a mound of
 earth, in good order, along side,
 and set a post, 4 ft. long, 4 ins. square,
 with marked stone, 12 ins. in the ground,
 for closing cor. to secs. 2nd & 3rd, marked
 C.C. with 2 notches on E. and 4 notches
 on W. edges, T. S. N., R. O. E. on S.

J. S. N., R. B. E., G. ^{and} P. R. M.BOOK 57

Coburn's

S. 2 on E. end
 S. 3 on W. faces, dug pits 18x18x12 ins.
 S., E. ^{and} W. of post, 5 1/2 ft. diam. ^{and}
 raised a mound of earth, 2 ft.
 high, 4 1/2 ft. base, around post.
 Land rolling.
 Soil 3rd rate.
 Timber of Pine ^{and} Cedar.
 Vegetation, bunchy grass.

V. & N., R. 31 E., S. 1/2 S. R. M.

BOOK 51

Lehavis

From the cor. to secs. 3, 4, 33rd & 34,
an S. boundary of V & N, which is a
sandstone, set firmly in the ground,
marked with 3 notches on E. & W.
edges, with a stone mound, in good
order, alongside, I run

North, between secs. 33rd & 34.

Val. 14° 21' East.

Over level land.

20.00 Descend.

31.00 Cross road, from N.E. ^{and} S.W.

36.00 Cross Ravine, course N. 80° E. ^{and} ascend.

40.00 Set a sandstone, 15 x 10 x 4 in, 10 in,
in the ground, for 1/4 sec. cor, marked
1/4 on W. face and raised a
mound of stone along side. Pits
impracticable.

50.00 Set a basalt stone, 20 x 15 x 12 in, 15 in,
in the ground, for cor. to secs.
27, 28, 33rd & 34, marked with
3 notches on E. ^{and} 1 notch on S.

J & N, R. 31 E., T. 2 S. R. 13 W.

Charris,

BOOK 57

edges and raised a mound of
stone along side. Pits impracticable,

from which trees:

a Pine, 15 ins. dia., N. 4 E., 110 lks. dist,
marked J. & N, R. 31 E., S 27 N.

No other trees within limits.

Land rolling.

Soil 2nd and 3rd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

East on a random line, bet. secs. 27th & 34th,

N. 14° 21' East.

Descend.

23.00 Enter Valley, cross N. and S.

29.68 Cross Creek, 10 lks. wide, course
N. and ascend.

40.00 Set temporary 1/4 sec. cor.

80.41 Intersect N. and S. line, 21 lks. North
of cor. to secs. 26, 27, 34 and 35,

thence I run

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J. S. N., R. 31 E., T. 9ⁿ S. R. M.

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Chanis.

N. 89° 51' W. on a true line, bet. secs. 27ⁿ & 34,
Wa. 14° 21' East.

40.20 Set a post, 3 ft long, 3 ins. square,
with marked stone, 12 ins. in the
ground, for '14 sec. cor, marked
'405. on N. face, dug pits 18x18x12 ins
E^{and} W. of post, 5 1/2 ft. dist, and
raised a mound of earth, 1 1/2 ft
high, 3 1/2 ft. base, around post.

50.41 The cor. to secs. 27, 28, 33ⁿ & 34.

Land rolling ^{and} level.

Soil 1st and 2nd rates

Timber of Pine.

Vegetation, bunchgrass.

North, between secs. 27ⁿ & 28

Wa. 14° 21' East.

Ascend.

40.00 Set a sandstone, 20x18x7 ins, 15 ins.

in the ground, for '14 sec. cor, marked

'14 on W. face and raised a mound

V. 8 N., R. 31 E., T. 9 S. R. M.

BOOK 51

Chains

- of stone alongside pits impracticable.
- 58.00 N. edge of Mesa, bears E. $\frac{1}{4}$ W. $\frac{1}{2}$ descend.
- 76.00 Enter Valley, bears E. $\frac{1}{4}$ W.
- 80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secos.
- S. 21, S. 22, S. 27 ^{and} S. 28, marked
- V. 8 N., S. 22 on N. E.
- R. 31 E., S. 27 on S. E.
- S. 28 on S. W. and
- S. 21 on N. W. faces, with 2 notches on S. $\frac{1}{4}$ and 3 notches on E. edges, dug pits 18x18x12 ins. in each sec, 5 $\frac{1}{2}$ ft. dist, and raised a mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base, around post.
- land level ^{and} rolling.
- Soil 1st and 2nd rate.
- Vegetation, bunching grass.

J. & N., R. 31 E., T. 9th S. R. M. ¹⁹

BOOK 51

Claims.

East and a random line, bet. secs. 22 & 27.

Yw. $14^{\circ} 21'$ East.

Descend.

25.95 Cross Creek, 15 lks. wide, course
North and ascend.

30.46 Cross road, bet. N. 4th & S.

40.00 Set temporary "14 sec. cor.

80.25 Intersect U. 4th & S. line, 34 lks. North
of cor. to secs. 22, 23, 26th & 27,

Hence I run

U. $89^{\circ} 45' W.$ on a true line, bet. secs. 22 & 27.

Yw. $14^{\circ} 21'$ East

40.12 Set a sandstone $8 \times 6 \times 6$ ins, 5 ins. in
the ground, for "14 sec. cor.", marked
"near W. face and raised a mound
of stones along sides. Pits impracticable.

80.25 The cor. to secs. 21, 22, 27th & 28.

Land rolling.

Soil 1st rate.

Vegetation, bunch grasses.

J. & M., R. 31 E., T. 4 S. R. 11.

BOOK 51

Chains

North, between secs. 21 and 22.

W. $14^{\circ} 21'$ East.

Ascend.

40.00 Set a basalt stone, $15 \times 12 \times 10$ ins.,
10 ins. in the ground, for '14 sec. cor.,
marked '14 on W. face and raised
a mound of stone alongside. Pits
impracticable.

50.00 Top of Mesa, trans N. E. and S. W.

80.00 Set a basalt stone, $18 \times 10 \times 6$ ins., 12 ins.
in the ground, for cor. to secs.
15, 16, 21 and 22, marked with 3
notches on S. and E. edges and
raised a mound of stone
alongside. Pits impracticable.

Land rolling.

Soil 2nd and 3rd rates

Timber of Pine and Cedar.

Vegetation, bunchgrass.

Carefully examined my Solar Compass
today and found it correct. Sept. 26th 1883.

J & N., R. 31 E., T. 2 S. R. 11 W.

BOOK 51

Chain:

East on a random line, bet. secs. 15 & 22,

Wa. $14^{\circ} 21'$ East

Over Mesa.

8.00 Leave Mesa, bear $N. 20^{\circ} E.$ and descend

36.00 Cross road, bear $N. E.$ and $S. W.$

40.00 Set temporary $1/4$ sec. cor.

58.00 Cross creek, 15 lks. wide, course
 $N. 20^{\circ} E.$ and ascend.

79.87 Intersect $N.$ and $S.$ line, 16 lks.

South of cor. to secs. 14, 15, 22 & 23,

Hence I run

$S. 89^{\circ} 53' W.$ on a true line, bet. secs. 15 & 22,

Wa. $14^{\circ} 21'$ East.

39.93 Set a sandstone, $10 \times 6 \times 3$ ins., 7 ins. in
the ground, for $1/4$ sec. cor., marked
 $1/4$ on $N.$ face and raised a mound
of stone alongside. Pits impracticable.

79.87 The cor. to secs. 15, 16, 21 and 22.

Land rolling.

Soil 1st and 2nd rate.

Vegetation, bunch grass.

J. S. N., R. 31 E., T. 9 N. S. R. M.

BOOK 57

Claims

North, between secs. 15th and 16,
 Wa. 14° 21' East.

Over Mesa.

40.00 Set a sandstone, 20 x 10 x 3 ins, 15 ins.
 in the ground, for 1/4 sec. cor, marked
 1/4 on W. face and raised a
 mound of stone along side. Pits
 impracticable.

80.00 Set a sandstone, 18 x 12 x 10 ins, 12 ins.
 in the ground, for cor. to secs.
 9, 10, 15th and 16, marked with 4
 notches on S. and 3 notches on E.
 edges and raised a mound of
 stone along side. Pits impracticable.

Land Cont.

Said 1st and 2nd notes.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

J. & N., R. 31 E., T. 2nd S. R. M.

BOOK 57

Claims

East on a random line, bet. secs. 10th & 15th,
 Va. $14^{\circ} 21'$ East.

Over Mesa.

12.00 Leave Mesa and descend.

40.00 Set temporary '14 sec. cor.

43.50 Cross road, bear N. ^{2nd} S.80.16 Intersect U. ^{2nd} S. line, 14 E. & W.
 of cor. to secs. 10, 11, 14 ^{and} 15.

Hence I run

N $89^{\circ} 54'$ W. on a true line, bet. secs. 10th & 15th,
 Va. $14^{\circ} 21'$ East.

40.08 Set a post, 3 ft. long, 3 ins. square, with
 marked stone, 12 ins. in the ground, for
 '14 sec. cor., marked '14 S. on E. face, dug
 pits 15 x 15 x 12 ins. E. ^{and} W. of post,
 5 ft. dist, ^{and} raised a mound of earth,
 17 ft. high, 3 ft. base, around post,

80.16 The cor. to secs. 9, 10, 15 ^{and} 16,

Land rolling.

Soil 2nd ^{and} 3rd rate.

Vegetation, bunch grass.

V. 5 N, R. 31 E, S. 3 & 4. E. W.

Chambers

BOOK 57

North, between secs. 9th & 10.

Var. $14^{\circ} 21'$ East.

Over Mesa.

21.00 Lean Mesa, cross 41.20° W. 9^{th} sec. descend

40.00 Set a sandstone, $12 \times 8 \times 6$ ins., Paris, in the ground, for 14^{th} sec. cor., marked 14 on W. face and raised a mound of stone along side. Pits impracticable.

88.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs.

3, 4, 9th & 10, marked

V. 5 N, S. 3 on 41.20° E.

R. 31 E, S. 10 on S. E.

S. 9 on S. W. and

S. 4 on 41.20° W. faces, with 5 notches on S. 9^{th} & 3 notches on E. edges, and pits $18 \times 18 \times 12$ ins. in each sec., 5' ft. deep, and raised a mound of earth, 2 ft. high, $4 \frac{1}{2}$ ft. base, around post, from which cross;

T. & M., R. 31 E., S. 9 B.V.

BOOK 57

Chains

At Pine, 10 mi. dist., S. 11° W., 39 lks. dist,
 marked T. & M., R. 31 E., S. 9 B.V.
 No other trees within limits.
 Land rolling.
 Soil 2nd rate.
 Timber of Pine ^{and} Cedar.
 Vegetation, bunchgrass.

East on a random line, bet. secs. 8th and 10.
 Wa. 14° 21' East.

Descend.

- 41.30 Cross road, bear N. W. ^{and} S. E.
- 40.00 Set temporary 1/4 sec. cor.
- 80.40 Intersect N. ^{and} S. line, 22 lks.
- South of cor. to secs. 2, 3, 10 ^{and} 11,
 thence I run
 S. 89° 51' W. on a true line, bet. secs. 3rd & 10.
 Wa. 14° 21' East.
- 40.21 Set a sandstone, 10 x 7 + 7 mi., 7 in
 the ground, for 1/4 sec. cor, marked 1/4
 on N. face ^{and} raised a mound

T. 8 N., R. 31 E., G. W. R. M.

BOOK 57

Chains.

of stone alongside. Pits impracticable.

80.43 The cr. to secs. 3, 4, 9th & 10.

Land rolling.

Soil 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunch grasses.

North on a true line, bet. secs. 3rd & 4,
 Va. 14° 21' East,

Descend.

3.20 Cross road, trans N. W. and S. E.

40.00 Set a sandstone, 12 x 7 x 8 ins., 8 ins.
 in the ground, for 1/4 sec. cr.,
 marked 1/4 on W. face and raised
 a mound of stone alongside. Pits
 impracticable.

81.51 Intersect the 2nd Standard Line
 North, 14.00 chs. West of the 1/4 sec.
 cr. on S. boundary sec. 33, T. 8 N.,
 R. 31 E., which is a
 sandstone, set firmly in the

J. S. N.,

E. 31 E.,

G. and S. R. M.

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BOOK 57

Chamie

ground, marked S. C. 14 on
N. face, with a stone mound, in
good order, along side,
and set a sandstone, 13 x 8 x 6 in.,
9 in. in the ground, for clearing
lev. to sec. 3rd and 4, marked C. C.,
with 3 notches on E. and W. edges
and raised a mound of stone
along side. Pits impracticable
Land rolling.

Soil 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

T. 8 N., R. 31 E., S. 32 or D. R. M.

BOOK 57

Lelandia

From the cor. to secs. 4, 5, 32nd & 33
on S. boundary of T^p, which is
a sandstone, set firmly in the
ground, marked with 4 notches
on E. ^{and} 2 notches on W. edges
with a stone mound, in good
order along side, from
North, between secs. 32nd & 33.

W. 14° 21' East.

Over rolling land.

40.00 Set a basalt stone, 18x15x6 ins.,
12 ins. in the ground, for 1/4 sec. cor.,
marked 1/4 on W. face and raised
a mound of stone along side. Pits
impracticable.

80.00 A Juniper tree, 10 ins. dia., which
I marked

T. 8 N., S. 28 or N. E.

R. 31 E., S. 33 or S. E.

S. 32 or S. W. ^{and}

S. 29 on N. W. faces, with 1 notch on

V. & N., R. 31 E., S. 28 & 33 R. M.

BOOK 51

Chains.

S. 2nd & 4th notches on E. edges, dug pits 18x18x12 ins. in secs. 29, 32 & 33, 5' ft. dist., and raised a mound of earth around tree, for cor. to secs. 28, 29, 32nd & 33;

from which bears:

to Pine, 18 ins. dia, N. 20° E., 18 cks. dist, mark on V. & N., R. 31 E., S. 28 & 33.

No other trees within limits.

Land meeting.

Soil 2nd and 3rd rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

East on a random line, bet. secs. 28th & 33,

N. 14° 21' East.

Ascend.

- 10.00 Top of hill and descend.
- 20.62 Cross road, bear N.W. 2nd & S.E.
- 20.80 Cross Wash, course S.E. 2nd & ascend.
- 40.00 Bet temporary 14 sec. cor.

V & N, R. 31 E., E. & P. R. M.

BOOK 57

Chains.

79.82 Intersect U. and S. line, 48 lks.
North of cor. to secs. 27, 28, 32nd & 34,
thence I run
U. $89^{\circ} 37'$ W. on a true line, bet. secs. 28 & 33,
W. $14^{\circ} 21'$ East.

39.91 Set a basalt stone, $30 \times 18 \times 6$ ins,
2 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked "4" on N. face and
mixed a mound of stone
along side. Pits impracticable.

79.12 The cor. to secs. 28, 29, 32nd & 33.
Land rolling.
Soil 2nd and 3rd rate.
Shrub of Pine and Cedar.
Vegetation bunchgrass.
September 27th 1883.

North, between secs. 28 and 29,
W. $14^{\circ} 21'$ East.

Descend.

15.00 Cross road, bear E. and W.

15.60 Cross Ravine, course S. 70° E. & ascend.

J. & N., R. 31 E., G. & S. P. R. M.

BOOK 57

Chains

40.00 Set a basalt stone, 24 x 20 x 6 ins,
 18 ins. in the ground, for $\frac{1}{4}$ sec.
 cor., marked $\frac{1}{4}$ on W. face and
 raised a mound of stone
 along side. Pits impracticable.
 Cor. set on edge of mesa, base E. & W.
 and over same.

80.00 Set a basalt stone, 12 x 12 x 10 ins,
 5 ins. in the ground, for cor. to
 sec. 20, 21, 28th and 29, marked with
 2 notches on S. ^{and} 4 notches on
 E. edges and raised a mound
 of stone along side. Pits impracticable;
 from which trees:

W. Cedar, 14 ins. dia, S. 40° W., 100 lks. dist,
 marked J. & N., R. 31 E., S. 29 B. C.

No other trees within limits.
 Land rolling.

Soil 2nd and 3rd rate.

Timber of Pine ^{and} Cedar.

Vegetation, bunchgrass.

T & N, R. 31 E., S. 1/4 S. R. M.

BOOK 57

Chamis

East on a random line, bet. secs. 21 & 28.

Var. $14^{\circ} 21'$ East.

Descend gradually.

12.30 Descend abruptly.

36.00 Over Mesa, cross N. ^{1/4} S.40.00 Set temporary $1/4$ sec. cor.46.00 Lean Mesa, cross N. ^{1/4} S. ^{1/4} descend.42.00 Enter Valley, cross N. ^{1/4} S.79.93 Intersect N. ^{1/4} S. line, 19 lks North
of cor. to secs. 21, 22, 27 and 28.

Hence I run

N. $89^{\circ} 52'$ W. on a true line, bet. secs. 21 & 28.Var. $14^{\circ} 21'$ East39.96 Set a basalt stone, $36 \times 36 \times 30$ ins, 27 ins,
in the ground, for $1/4$ sec. cor., mark on $1/4$
N. ^{1/4} face and raised a mound of
stone alongside. Pits impracticable.79.93 The cor. to secs. 20, 21, 28 ^{1/4}, 29.

Land rolling.

Soil 2nd and 3rd rate.

Vegetation, bunchgrass.

J. 5 N., R. 31 E., S. 4th S. R. M.

Chamis.

BOOK 57

North, between secs. 20^{and} 21.

Val. 14° 21' East.

Ascend.

- 25.00 Top of Mesa, trans N. W. ^{and} S. E.
- 40.00 Set a basalt stone, 12x12x6 ins.,
 2 ins. in the ground, for 1/4 sec. cor.,
 marked 1/4 on W. face and raised
 a mound of stone along side. Pits
 impracticable.
- 80.00 Set a basalt stone, 18x15x12 ins.,
 12 ins. in the ground, for cor. to
 secs. 16, 17, 20^{and} 21, marker
 with 3 notches on S. ^{and} 4 notches
 on E. edges and raised a mound
 of stone along side. Pits
 impracticable.
- Land rolling
- Sail 2nd and 3rd rate
- Vegetation, bunchgrass.

T. & N., R. 31 E., T. 41 N. S. R. M.

BOOK 57

Chains.

East on a random line, bet. secs. 16 & 21.

Va. $14^{\circ} 21'$ East.

Over mesa.

40.00 Set temporary '14 sec. cor.

79.76 Intersect N. and S. line, 27 & 100.

South of cor. to secs. 15, 16, 21 and 22,

thence I run

S. $89^{\circ} 48' W.$ on a true line, bet. secs. 16 & 21,Va. $14^{\circ} 21'$ East.39.88 Set a basalt stone, $10 \times 10 \times 8$ ins.,

7 ins. in the ground, for '14 sec. cor.,

marked '14 on N. face and raised

a mound of stone alongside. Pits

impracticable.

79.76 The cor. to secs. 16, 17, 20 and 21.

Land level.

Soil 2nd and 3rd rate.

Vegetation, bunchgrass.

T. & N., R. 31 E., T. 9th & S. R. M.

BOOK 51

Chains.

North, between secs 16th and 17.

Va. 14° 21' East.

Descend over Mesa.

40.00 Set a sandstone, 14 x 10 x 6 ins., 9 ins.
in the ground, for 1/4 sec. cor.,
marked 1/4 on W. face, and
raised a mound of stone
along side. Pits impracticable.

76.00 Leave Mesa, cross N. E. and S. W.

80.00 Set a sandstone, 12 x 12 x 12 ins., 8 ins.
in the ground, for cor. to secs.
8, 9, 16th and 17, marked with 4
notches on S. and E. edges and
raised a mound of stone along side.

Pits impracticable; from which cross:
a Pine, 12 ins. dia., N. 85° E., 4 3/4 kds. dist,
marked T. & N., R. 31 E., S. 9 B.V.

No other trees within limits.

Land rolling. Soil 2nd rate.

Timber of Pine.

Vegetation bunchgrass.

J. & N., R. 31 E., S. 4th & S. R. M.

Chain:

BOOK 57

East on a random line, bet. secs. 9th & 16th.
 Wa. $14^{\circ} 21'$ East.

Over Mesa.

40.00 Set temporary $1/4$ sec. cor.

80.12 Intersect N. 4th & S. line, 4 lks. N.
 of cor. to secs. 9, 10, 15th & 16,

thence I run

N. $89^{\circ} 58' W.$ on a true line, bet. secs. 9th & 16th.

Wa. $14^{\circ} 21'$ East

40.06 Set a post, 3 ft. long, 3 in. square,
 with marked stone, 12 in. in the
 ground, for $1/4$ sec. cor, marked
 $1/4$ S. on N. face, dug pits $18 \times 18 \times 12$ in.
 E. and W. of post, $5 \frac{1}{2}$ ft. dia, and
 raised a mound of earth, $1 \frac{1}{2}$ ft.
 high, $3 \frac{1}{2}$ ft. base around post.

80.12 The cor. to secs. 8, 9, 16th & 17.

Land level.

Soil 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

J. S. N., R. 31 E., G. 21 S. R. M.

BOOK 57

Chanis.

North, between secs. 8th and 9.
Wa. 14° 21' East.

Descend.

40.00 Set a sandstone, 18x18x6 ins, 12 ins.
in the ground, for 1/4 sec. cor.,
marked 1/4 on W. face and raised
a mound of stone along side.

Pits impracticable.

80.00 Set a sandstone, 16x13x7 ins,
11 ins. in the ground, for cor. to
secs. 4, 5, 8th and 9, marked with
5 notches on N. and 4 notches on
E. edges and raised a mound
of stone along side. Pits
impracticable.

Land rolling.

Soil 1st and 2nd mts.

Yankee of Pine and Cedar.

Vegetation, bunchgrass.

J. & M., R. 31 E., G. & V. R. M.

BOOK 57

Chain.

East on a random line, bet. secs. 4 & 9.

Wa. $14^{\circ} 21'$ East.

One level land.

12.00 Ascend.

33.00 Top of Spur, cross N. 4^{th} S. 9^{th} descend

40.00 Set temporary '14 sec. cor.

79.81 Intersect 4^{th} S. line, 37 lks. North
of cor. to secs. 3, 4, 9 $^{\text{th}}$ & 10,

thence from

N. $89^{\circ} 44' W.$ on a true line, bet. secs. 4 & 9.

Wa. $14^{\circ} 21'$ East.

39.90 Set a sandstone, $18 \times 12 \times 2$ ins, 12 ins. in
the ground, for '14 sec. cor., marked '14 on
N. face & raised a mound of stone
along side. Pits impracticable; from where brass:
a Pine, 8 ins. dia, N. $40^{\circ} W.$, 13 lks. dist,
marked '14 S. B. J.

No other trees within limits.

79.81 The cor. to secs. 4, 5, 8 $^{\text{th}}$ & 9.

Land level and rolling.

Soil 3rd rate.

J. & N., R. 31 E., G. & S. R. M.

BOOK 57

Chanis

Timber of Pines.

Vegetation, bunchgrass.

North on a true line, bet. secs. 4^{and} 5.

Var. $14^{\circ} 21'$ East.

Descend

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked '40 on W. face, dug pits $18 \times 18 \times 12$ ins.

N. ^{and} S. of post, $5\frac{1}{2}$ ft. dist., and raised a mound of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, around post.

81.38 Intersect 2nd Standard Line North, 13.93 chs. West of the $\frac{1}{4}$ sec. cor. on S. boundary T. 82, R. 31 E., which is a sandstone, set firmly in the ground, marked S. C. $\frac{1}{4}$ on N. face, with pits E. ^{and} W., $5\frac{1}{2}$ ft. dist., and an earth mound, in good order, alongside, and set a lava stone, $11 \times 9 \times 8$ ins.,

J. & N., R. 31 E., T. 9th S. R. M.

BOOK 57

Chains.

7 ins. in the ground, for Closing
Cor. to sec. 4th & 5, marked C. C.
with 4 notches on E. and 2
notches on W. edges and raised
a mound of stone alongside.
Pits impracticable.

Land rolling.

Soil 1st rate.

Timber of Pine and Cedar.

Vegetation, bunchgrasses.

I carefully examined the
adjustments of my Solar
Compass today, particularly
the latitude and reversing
apparatus and found them
correct. September 28th 1880.

T. & N., R. 31 E., G. and S. R. M.

BOOK 51

Chamis.

From the cor. to secs. 5, 6, 31th & 32,
on S. boundary of T₁, which is a
sandstone, set firmly in the
ground, marked with 5 notches
on E. and 1 notch on W. edges,
with a stone mound, in good
order, along side, I run

North, between secs. 31th & 32.

Val. 14° 21' East.

Over level land.

40.00 Set a lava stone, 10x10x8 ins.,
7 ins. in the ground, for 14 sec. cor.,
marked 14 on W. face and
raised a mound of stone
along side. Pits impracticable.

59.72 Cross road, bear N. 70° E. and S. 70° W.

80.00 Set a post, 4 ft. long, 4 ins. square,
with marked stone, 12 ins. in
the ground, for cor. to secs.
29, 30, 31th & 32, marked
T. & N., S. 29 on N. E.

T. & N., R. 31 E., G. & S. R. M.

BOOK 57

Charris

R. 31 E., S. 32 on S. E.

S. 31 on S. W. ^{2nd}

S. 30 on N. W. faces, with 1 notch
 on S. ^{2nd} 5 notches on E. edges,
 dug pits 18x18x12 ins. in each
 sec, 5 1/2 ft. dist, and raised a
 mound of earth, 2 ft. high,
 4 1/2 ft. base, around post.

Land level.

Soil 2nd rate.Timber of Pine ^{2nd} and Cedar.

Vegetation, bunchgrass.

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

Yr. 14° 21' East.

Over level land.

10.00 Leave level land, bear N. ^{2nd} S.
 and ascend.

15.00 Enter timber, bear N. ^{2nd} S.

30.00 Top of hill, bear N. E. ^{2nd} S. W. ^{2nd} descend.

40.00 Set temporary 1/4 sec. cor.

S. & N., R. 31 E., T. 9th S. R. M.

BOOK 57

Chanis

48.00 Cross road, trans N. E. ^{and} S. W.

79.78 Intersect N. ^{and} S. line, 17 lks.
North of cor. to secs. 28, 29, 30 & 31,

thence from

N. 89° 53' W. and true line, bet. secs. 29 & 32,

W. 14° 21' East.

39.89 Set a sandstone, 16 x 11 x 8 ins.,
11 ins. in the ground, for 14 sec.
cor., marked "14" on N. face and
raised a mound of stone
along side. Pits impracticable.

79.78 The cor. to secs. 29, 30, 31 ^{and} 32,

land level ^{and} hilly.

Soil 2nd rate.

Timber of Pine ^{and} Juniper.

Vegetation, bunchgrass.

West on random line, bet. secs. 30 & 31,

W. 14° 21' East.

Over level land.

15.00 Lean Flat, trans N. 35° E. ^{and} S. 30° W.

Chains.

- and ascend.
- 18.00 Enter timber, cross N. ^{2nd} S.
- 40.00 Set temporary ^{1/4} sec. cor.
- 50.00 Top of hill, cross N. ^{2nd} S. E. descend.
- 80.32 Intersect W. boundary of T_p, 24.00.
North of cor. to secs. 25, 30, 31 ^{and} 36,
recently re-established ^{by me} thence I run
N. 89° 58' E. on a true line, bet. secs. 30 & 31.
Wa. 14° 21' Coast.
- 40.32 Set a post, 3 ft. long, 3 ins. square,
with marked stone, 12 ins. in the
ground, for ^{1/4} sec. cor., marked
"40" on N. face, dug pits
18 x 18 x 12 ins. E. ^{and} W. of post,
5 1/2 ft. dist, and raised a mound
of earth, 1 1/2 ft. high, 3 1/2 ft. base
around post.
- 80.32 The cor. to secs. 29, 30, 31 ^{and} 32.
Land level ^{and} level.
Soil 1st ^{and} 2nd rate. Vegetation, bunchgrass,
Timber of Pine, Cedar ^{and} Juniper.

T. S. U.

R. 31 E.

S. 2nd S. R. 4th

BOOK 57

Chains.

North, between secs. 29th & 30.

Va. 14° 21' East.

Over level land.

40.00 Set a laral stone, 16x10x5 ins.,
11 ins. in the ground, for 1/4 sec.
cor., marked 14 on W. face and
raised a mound of stone
alongside. Pits impracticable.

80.00 Set a laral stone, 16x11x8 ins.,
11 ins. in the ground, for cor.
to secs. 19, 20, 29th and 30, marked
with 2 notches on S. and 5
notches on E. edges and raised
a mound of stone alongside.
Pits impracticable.

Land level.

Soil 1st and 2nd rates.

Vegetation, bunchgrass.

Timber of Pine^{and} Juniper.

J. & N., R. 31 E., T. 2 S. R. M.
BOOK 57

Claims

East on a random line, bet. secs. 20 & 29.
Y.A. $14^{\circ} 21'$ East.

Over level land.

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

60.00 Ascend.

80.06 Intersect U. ^{2nd} & S. line, 1/3 l. South
of cor. to secs. 20, 21, 28 ^{2nd} & 29,

thence I run

S. $89^{\circ} 54'$ W. on a true line, bet. secs. 20 & 29.
Y.A. $14^{\circ} 21'$ East.

40.03 Set a lava stone, 16 x 11 x 8 ins,
11 ins. in the ground, for $\frac{1}{4}$ sec.
cor, marked $\frac{1}{4}$ on U. face and
raised a mound of stone
alongside. Pits impracticable.

80.06 The cor. to secs. 19, 20, 29 ^{2nd} & 30.

Land level ^{2nd} rolling.

Soil 1st ^{2nd} & 2nd rate.

Timber of Pine ^{2nd} & Cedar.

Vegetation, bunchgrass.

Chain

West on a random line, bet. secs. 19 & 30.

Var. $14^{\circ} 21'$ East.

Over rolling land.

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

79.89 Intersect W. boundary of Sp. 18 Secs.

North of cor. to secs. 19, 24, 25 & 30
reestablished by ^{recessibly} ~~run~~ ^{run} ~~run~~

N. $89^{\circ} 52'$ E. on a true line, bet. secs. 19 & 30.

Var. $14^{\circ} 21'$ East.

39.89 Set a lava stone, $16 \times 11 \times 8$ ins.,

11 ins. in the ground, for $\frac{1}{4}$ sec.

cor., marked $\frac{1}{4}$ as N. face and

raised a mound of stone
along side. Pits impracticable.

79.89 The cor. to secs. 19, 20, 29 & 30.

Land rolling.

Soil 1st and 2nd rate.

Trunks of Pine and Juniper.

Vegetation, bunchgrass.

T. & N.,

R. 31 E.,

T. 19 S. R. M.

BOOK 57

Chambers

North, between secs. 19^{and} 20.

Var. 14° 21' East.

Over rolling land.

- 40.00 Set a lava stone, 11 x 9 x 8 ins., fair, in the ground, for 1/4 sec. cor., marked 1/4 on W. face and raised a mound of stone alongside. Pits impracticable; from which bearings: a Pine, 10 ins. dia., N. 50° E., 22 lks. dist., marked 1/4 S. B. C.

No other trees within limits.

- 80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 17, 18, 19^{and} 20, marked
T. & N., S. 17 on N. E.
R. 31 E., S. 20 on S. E.
S. 19 on S. W. and
S. 18 on N. W. faces, with 3 notches on S. and 5 notches on E. edges, and pits 18 x 18 x 12 ins. in each

J. & N.

R. 31 E, G. & S. R. M.

BOOK 51

Claus.

sec, 5¹/₂ ft. dist, and raised
a mound of earth, 2 ft. high,
4¹/₂ ft. base, around post.
Land rolling.

Soil 1st and 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

East on a random line, bet. secs. 17 & 20.

Var. 14° 21' East.

Over rolling land.

40.00 Set temporary ¹/₄ sec. cor.

60.00 Terres low Sag and ascend.

63.00 Edge of mesa, cross N. and S. and
over same.

79.90 Intersect N. and S. line, 43 lks. S.
of cor. to secs. 16, 17, 20 and 21,

thence I run

S. 89° 42' W. on a true line, bet. secs. 17 & 20.

Var. 14° 21' East.

39.95 Set a post, 3 ft. long, 3 in. square,

J. & N., R. 31 E., G. & O. R. M.

BOOK 51

Chambers

with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ S. on $\frac{1}{2}$ N. face, dug pits $15 \times 18 \times 12$ ins. E. and W. of post, $5\frac{1}{2}$ ft. dist, and raised a mound of earth, $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, around post.

79.90 The cor. to secs. 17, 18, 19th & 20,

Land rolling.

Soil 1st and 2nd rates

Timber of Pine and Cedar.

Vegetation, bunchgrass.

September 29th 1883

West on a random line, bet. secs. 18 & 19.

Yr. $14^{\circ} 21'$ East.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. cor79.80 Intersect W boundary of Twp, 20th sec.

South of cor. to secs. 13, 15, 19 & 24

Re-established by Mr. Vance Fran

S. $89^{\circ} 51'$ E. on a true line, bet. secs. 18 & 19Yr. $14^{\circ} 21'$ East.

T. 8 N., R. 31 E., G. & S. R. M.

BOOK 51

Claims.

39.80 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked "40" on N. face, dug pits 18x18x12 ins. E. and W. of post, 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, around post.

79.80 The cor. to secs. 17, 18, 19 and 20.
Land rolling.

Soil 1st and 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

North, between secs. 17 and 18.

Var. 14° 21' East.

Over rolling land.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked "40" on W. face, dug pits 18x18x12 ins. N. and S. of post, 5 $\frac{1}{2}$ ft. dist., and

J. & N., R. 31 E., T. 9 N. S. R. M.

BOOK 57

Chain.

raised a mound of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 7, 8, 17^{and} 18, marked J. & N., S. 8 on N. E. R. 31 E., S. 17 on S. E. S. 18 on S. W. ^{and} S. 7 on N. W. faces, with 4 notches on S. ^{and} 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base, around post.

Land rolling.

Soil 1st and 2nd rate.

Timber of Pine ^{and} Cedar.

Vegetation, bunchgrass.

G. & N., R. 31 E., G. and S. R. M.
BOOK 157

Chain.

East on a random line, bet. secs. 8 & 17.
Wa. $14^{\circ} 21'$ East.

Over rolling land

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

50.00 Ascend to Mesa, bears $\frac{1}{2}$ ^{U.} ^{S.}
and over same.

79.57 Intersect U. and S. line, 9 lks. S.
of cor. to secs. 8, 9, 16 and 17,
Hence I run

S. $89^{\circ} 53'$ W. on a true line, bet. secs. 8 & 17.
Wa. $14^{\circ} 21'$ East.

79.78 Set a post, 3 ft. long, 3 ins. square,
with marked stars, 12 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S. on U. face, dug pits $18 \times 18 \times 12$ ins.
E. and W. of post, $5\frac{1}{2}$ ft. dist., and
raised a mound of earth, 1 $\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base, around post.

79.57 The cor. to secs. 9, 8, 17 and 18.

Land rolling. Soil 1st & 2nd rate.
Timber of Pine and Cedar. Vegetation, bunchgrass.

54

J. & N., R. 31 E., G. & S. R. M.

BOOK 57

Chambers

West on a random line, bet. secs. 7 & 18.
 Wa. $14^{\circ} 21'$ East.

Over rolling land.

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

79.15 Intersect W. boundary of Sp., 55 lks.

South of cor. to secs. 7, 12, 17 & 18,
 previously described by me.
 Hence I run

S. $89^{\circ} 36'$ E. on a true line, bet. secs. 7 & 18.
 Wa. $14^{\circ} 21'$ East.

39.15 Set a post, 3 ft. long, 3 in. square,
 with marked stone, 12 in. in the
 ground, for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ in. on N. face, dug pits $18 \times 18 \times 12$ in.
 E. & W. of post, $5\frac{1}{2}$ ft. dist, and
 raised a mound of earth, $1\frac{1}{2}$ ft.
 high, $3\frac{1}{2}$ ft. base, around post.

79.15 The cor. to secs. 7, 8, 17 & 18.

Land rolling.

Soil 1st and 2nd rates.

Timber of Pine & Cedar.

Vegetation, bunchy grass.

J. 8 N., R. 31 E., T. 9 S. R. M.

BOOK 57

Chains

North, between secs. 7 and 8.

Var. $14^{\circ} 21'$ East.

Over rolling land.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$ ins. N. and S. of post, $5\frac{1}{2}$ ft. dist., and raised a mound of earth, $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 5, 6, 7 and 8, marked

J. 8 N., S. 5 on N. E.

R. 31 E., S. 8 on S. E.

S. 7 on S. W. and

S. 6 on N. W. faces, with 5 notches on N. and E. edges, dug pits $18 \times 18 \times 12$ ins. in each sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth, 2 ft.

T. & N., R. 31 E., G. & S. R. W.

Claims

BOOK 57

High, 4 1/2 ft. base, around post.
Land rolling.

Soil 2nd rate.

Timber of Pine and Cedar.

Vegetation, bunchgrass.

East on a random line, bet. sees. 5 & 8.

Wa. 14° 21' East.

Over rolling land.

40.00 Set temporary 1/4 sec. cor.

79.97 Intersect N. and S. line, 18 lks. N.
of cor. to sees 4, 5, 8 and 9.

Thence I run

N. 89° 52' W. on a true line, bet. sees. 5 & 8.

Wa. 14° 21' East.

39.98 Set a post, 3 ft. long, 3 ins. square,
with marked stake, 12 ins. in the
ground, for 1/4 sec. cor, mark N & S
on N. face, dug pits 18 x 18 x 12 ins.

E. and W. of post, 5 1/2 ft. dist, and
raised a mound of earth, 1 1/2 ft.

Claims:

79.97 High, 3' 1/2 ft. base, around post.
The cor. to secs. 5, 6, 7 and 8.
Land rolling.
Soil 2nd rate.
Timbers of Pine ^{and} Cedar.
Vegetation, bunchgrass.

West on a random line, bet. secs. 6 & 7,
Ga. 14° 21' East.

Over rolling land.

40.00 Set temporary 1/4 sec. cor.

79.38 Intersect W. boundary of Sp, 13 lks.

South of cor. to secs. 1, 6, 7 and 12,

thence I run

S. 87° 54' E on a true line, bet. secs. 6 & 7,

Ga. 14° 21' East.

39.38 Set a sandstone, 16 x 11 x 8 ins,
11 ins. in the ground, for 1/4 sec.
cor., marked 1/4 on N. face and
missed a mound of stone
along side. Pits impracticable

58
T. 8 N., R. 31 E., G. 2nd S. R. M.

BOOK 57

Chainis

79.38 The cor. to sec. 5, 6, 7 and 8.
Land rolling.
Soil 2nd rate.
Timber of Pine and Cedar.
Vegetation, bunchgrass.

North on a true line, bet. sec. 5 & 6
Va. 14° 21' East.

Over level land.

25.40 Cross road, bears N. 85° E. E. S. 85° W.

40.00 Set a post, 3 ft. long, 3 ins. square,
with marked stone, 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ c. on W. face, dug pits
18 x 18 x 12 ins N. and S. of post,
5 ft. dist, and raised a mound
of earth, 1 1/2 ft. high, 3 ft. base,
around post.

81.74 Intersect the 2nd Standard
Line North, 14.28 chs. West of
the $\frac{1}{4}$ sec. cor. on S. boundary

T. 8 N., R. 31 E., G. & S. R. M.

BOOK 57

Chauis

of sec. 31, T. 9 N., R. 31 E., which is a sandstone, set firmly in the ground, marked S. C. 4 on N. face, with pits E. & W. 5 1/2 ft dist., & an eastward mound, in good order, along side, and set of sandstone, 16+11+9 ins., 11 ins. in the ground, for clearing Cor. to sec. 5th & 6, marked C. C. with 5 notches on E. and 1 notch on W. edges and raised a mound of stone along side. Pits impracticable;

found 1 which was:

a Pine, 24 ins. dia., S. 35° W., 23 lks. dist., marked T. 8 N., R. 31 E., S. 6 R. V.

No other trees within limits,

Sand level. Soil 2nd rate.

Timber of Pine. Vegetation, bunchy grass.

I carefully examined my Solar Compass today and found it correct. October 1st 1880.

General Description

The surface of the land in this township is rolling with the exception of a large, level Mesa in the central part.

The soil is 1st, 2nd and 3rd rate, producing good bunchgrasses, which affords excellent grazing facilities.

The township is well watered by springs and creeks which flow through it.

Pine and Cedar timber is found in nearly all parts of the township.

Several roads cross the township in various directions.

For final oaths see Book No. 73.

U. S. Surveyor General's Office,

Tucson, Arizona, July 26, 1884.

The foregoing Field Notes of the Survey of the

Subdivision Lines of Fractional
Township 8 North
Range 31 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by A. C. Shoemaker

Deputy Surveyor, under his contract of the

day of

August

5th, 1882, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

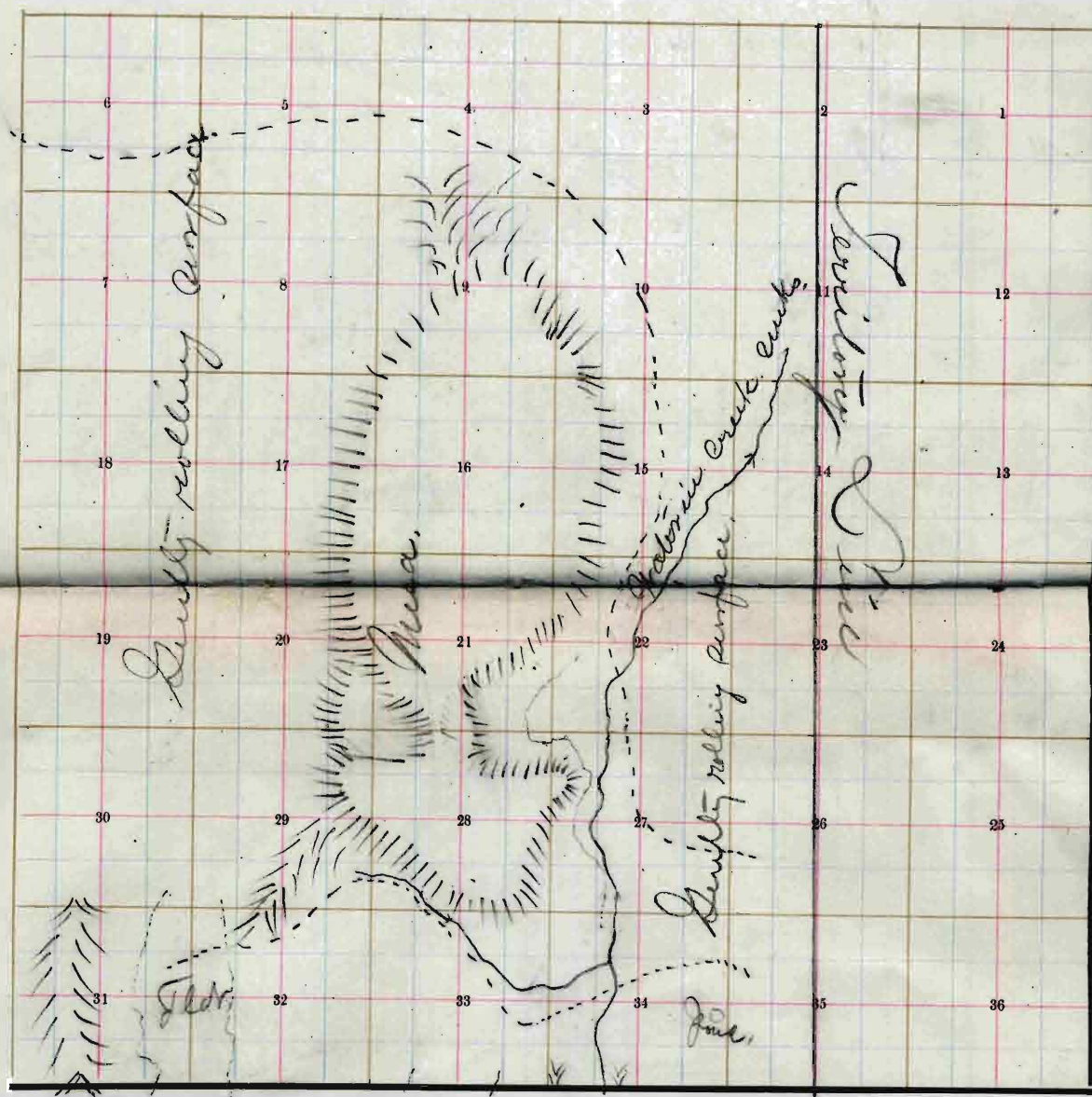
are hereby approved

Royal C. Johnson
Surveyor General.

Township No. 8

Range No. 31

Meridian 62



- TOWNSHIP PLOT.
- Meridian Line,
- Base Line,
- Standard Line,
- Township Lines,
- Section Lines,
- Meander Lines,
- Office Work,