No. 889



# Field Notes

OF THE SURVEY OF THE



SUDIVISION LINES

—OF—

No. 889

*Township* 18 South *Range* 21 East

*Gila and Salt River Base and Meridian*

ARIZONA.

*By* Theo. F. White *D. S.*

*under contract dated* Oct 17, 1881.

*Survey commenced* Dec 12, 1881.

*Survey completed* Dec 17, 1881.

# INDEX DIAGRAM.

*Township* 18 S.

*Range* 21 E.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 119 | 5 | 86 | 4 | 60 | 3 | 37 | 2 | 18 | 1 |
| 116 | | 114 | | 84 | | 58 | | 35 | | 16 |
| 7 | 112 | 8 | 82 | 9 | 56 | 10 | 33 | 11 | 14 | 12 |
| 110 | | 108 | | 80 | | 55 | | 31 | | 13 |
| 18 | 106 | 17 | 76 | 16 | 53 | 15 | 29 | 14 | 11 | 13 |
| 104 | | 103 | | 75 | | 51 | | 28 | | 9 |
| 19 | 101 | 20 | 72 | 21 | 49 | 22 | 27 | 23 | 8 | 24 |
| 99 | | 97 | | 71 | | 47 | | 25 | | 6 |
| 30 | 95 | 29 | 68 | 28 | 45 | 27 | 24 | 26 | 5 | 25 |
| 93 | | 92 | | 66 | | 44 | | 23 | | 3 |
| 31 | 88 | 32 | 62 | 33 | 40 | 34 | 21 | 35 | 1 | 36 |

Gila and Salt River Meridian.

ARIZONA.

San Pedro

# Preliminary Oaths of Assistants.

We, J. H. McClure

and J. O. Ford

*do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability and in accordance with the instructions given us*

in surveying the subdivision lines of T. 18 S. R. 21 E. Gila and Salt River Meridian and base lines.

McClure J H McClure

Ford J. O. Ford

*Sworn to and subscribed before me, this* 5th *day of* December, 1881 Paul Ricketts

Notary Public Pima County Arizona.

BOOK 889

1C

1D

We, John Blake, Samuel R. Van Pelt
Geo. J. Wyatt and Jos Schwarz
do solemnly swear that we will well and truly perform the
duties of Axeman, Flagman, and
Monumenter respectively
in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability.
in the Survey of the Subdivision lines of T. 18 S. R. 21 E.
Gila and Salt River Meridian
and Base lines

Blake John Blake
Van Pelt Samuel R. Van Pelt
Wyatt Geo. J. Wyatt
Schwarz Jos. Schwarz

Sworn to and subscribed before me this 5th day of
December, 1881

Paul Riecker
Notary Public Pima
County Arizona

No. 889



Subdivision. T. 18 S. R. 21 E.
Gila & Salt River Meridian.

chains.

Preliminary to subdividing
Tp. 18 S. R. 21 E. I retrace the
E & S. boundary of Sec. 36. I
find the alignment and meas-
urement to agree very closely,
Survey commenced December
12. 1881. with a Burts improved
Solar Compass.
I commenced at the cor. to Secs
1. 2. 35 & 36. on the S. boundary
of township. which is a post
marked & notched 4 ft long
3 ins. square, with mound of
earth 2 ft high around post,
with pits 24 x 12 x 12 ins. established as per
instructions of the old Manual
Thence I run
North bet. Secs. 35 & 36.

Subdivision T. 18 S. R. 21 E. continued

Chains

Var. 12° 25' E.

asp observation with a Burts improved Solar Compass.

40.00 Set a Granite stone 9+8+7 ins. 6 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18+18+12 ins. N & S. of stone 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft high, 3 1/2 ft. base alongside

80.00 Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 25+26. 35+36. marked.

T 18 S. S. 25 on N. E.
R. 21 E. S. 36 on S. E.
S. 35 on S. W. and
S. 26 on N. W. faces, ~~with~~ with 1 notch on S. and E. edges.

Subdivision T. 18 S. R. 21 E. continued

chains.

dug pits, 18+18+12 ins. in each Sec. 5½ft dist, and raised a mound of earth 2ft high, 4½ft base around post.
Land broken
Soil poor
No timber, some brush.

---

East, on a random line, bet. Secs. 25 & 36.

Var. 12°25' E.

40.00 Set temporary 1/4 Sec. Cor.

79.89 Intersect the east boundary of the township at 8 lks N. of the cor. to secs. 25. 30. 31 and 36. ~~which~~ is a post 3 ins. square, firmly set in the ground, with pits,

Subdivisions. T. 18 S. R. 21 E. continued

chains.

24+12+12 ins. and mound of earth
2 ft high, established exp instruction
of old Manual, from which
a Mesq. 6 ins. dia. bro. N. 52½° W. 303 lks dist.
Thence 9 mm
N. 89° 57' W. on a true line bet. secs.
25 + 36. with same va.

39.94 Set a granite stone 10 + 9 + 7 ins.
7 ins. in the ground, for 1/4 Sec. cor.
marked 1/4 on N. face, dug pits
18 + 18 + 12 ins. E + W. of stone, 5½
ft. dist. and raised a mound
of earth 1½ ft. high, 3½ ft. base
alongside,

79.89 The cor. to secs. 25. 26. 35 + 36.
Land broken
Soil poor.
No timber.

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | North bet. Secs. 25 & 26 |
| | Va. 12°25' E. |
| 40.00 | Set a granite stone 12 + 8 + 7 ins. 8 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug pits, 18 + 18 + 12 ins. N & S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft base alongside |
| 80.00 | Set a post 4 ft. long 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs 23 · 24. 25 & 26. marked. T. 18 S. S. 24 on N. E. R. 21 E. S. 25 on S. E. S. 26 on S. W. and S. 23 on N. W. faces, with 2 notches on S. and 1 notch on |

Subdivisions T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | E. edges, dug pits, 18+18+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 broken Soil poor. No timber. |
| | East on a random line, bet. secs. 24 and 25. Var. 12° 25' E. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 80.15 | Intersect E. Boundary of Tp. 18 lks S. of cor. to secs. 19. 24 25 & 30. which is a post, marked and notched 3 ins. square, with mound of earth |

Subdivisions T. 18 S. R. 21 E. continued

chains

eft high, and pits 24+12+12 ins.
as per instructions of old Manual.
from which
a Cedar 7 ins. dia. bro. N. 73° W. 144 lks dist.
Thence 9 ins.
S. 89° 52 W., on a true line, bet.
secs. 24 & 25., with same va.
40.07 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 N. face, dug pits, 18+18+12
ins. E & 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.
80.15. The cor. to secs. 23. 24. 25 & 26
Land broken
Soil poor.
No timber.

Subdivisions T. 18 S. R. 21 E. continued

Chains.

North bet. Secs. 23 & 24.
Var. 12° 25' 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 + 18 + 12 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 post 4 ft long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 13. 14. 23 & 24. marked T. 18 S. S. 13. on N. E. R. 21 E. S. 24 on S. E. S. 23. on S. W. and S. 14 on N. W. faces. with

Subdivisions T. 18 S. R. 21 E. continued

3 notches on S. and 1 notch on E. edges, dug pits, 18+18+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 & broken
Soil poor.
No timber.

---

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

Var. 12° 25' E.

40.00 Set temporary 1/4 Sec. cor.
80.14 Intersect East boundary of township. 18 lks N. of cor. to Secs. 13. 18. 19 & 24.

Subdivision T. 18 S. R. 21 E. continued

chains

which is a post, marked x notched, 3 ins. square, with mound of earth around post. and pits 24 x 12 x 12 ins. all established as per instructions of old Manual

Thence 9 mn.

N. 89° 52 W. on a true line, bet. Secs. 13 & 24, with same va.

40.07 I 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 N. face, dug pits 18 x 18 x 12 ins. E & 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.

80.14 The cor. to Secs. 13. 14. 23 & 24.

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | Land smooth ascending E.<br>Soil 2d rate<br>No timber. |
| | North bet. Secs 13 & 14<br>Var. 12° 25' E. |
| 40.00 | Set a post 2 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 + 18 + 12 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 post 4 ft long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to |

Subdivision T. 18 S. R. 21 E. continued

chains.

Secs. 11. 12. 13. & 14. marked
T. 18 S. S. 12 on N. E.
R. 21 E. S. 13 on S. E.
S. 14 on S. W. and
S. 11 on N. W. faces, with
4 notches on S. and 1 notch
on E. edges. dug pits 18+18+12
ins. in each sec. 5½ ft. dist.
and raised a mound of
earth 2 ft high, 4½ ft base
around post.
Land rolling
Soil poor.
No timber.

---

East on a random line, bet.

Subdivisions T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | Secs. 12 + 13 |
| | Var. 12° 25' E. |
| 11.90 | Dry wash 10 lks wide course S.W. |
| 28.20 | Dry wash 20 lks wide course S.W. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 80.10 | Intersect E. boundary of township 16 lks S. of cor., to secs. 7. 12. 13 & 18. which is a post marked & notched, 3 ins. square, with mound of earth left high, and pits 24 × 12 × 12 ins. all established as per instructions of old Manual. |
| | Thence I run |
| | S 89° 53 W. on a true line, bet. Secs. 12 + 13. with same va. |
| 40.05 | Set a granite rock 12 × 10 × 4 ins. 8 ins. in the ground, for 1/4 Sec. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | Cor. marked 1/4 on N. face, dug pits 18 + 18 + 12 ins. E + W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft base along side. |
| 80.10 | The cor. to Secs. 11. 12. 13 + 14. Land undulating descend W. Soil 2d. rate No timber. |

---

North. bet. Secs. 11 + 12
Var. 12° 25' 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 + 18 + 12 ins. N + S. |

Subdivision T. 18 S. R. 21 E. continued.

| Chains | |
|---|---|
| | of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which |
| | a Mesquite 3 ins. diam. bears N. 45° E. 75 lks dist. marked 1/4 S. B. T. |
| | a Mesquite 4 ins. diam. bears S. 40° W. 36 lks dist. marked 1/4 S. B. T. |
| 80.00 | Set a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground, for Cor. to Secs. 1. 2. 11 & 12 marked. T 18 S. S. 1 on N. E. R. 21 E. S. 12 on S. E. S. 11 on S. W. and S. 2 on N. W. faces. with 5 notches on S. and 1 notch on E edges, dug pits, 18 + 18 + 12 ins. |

Subdivisions T. 18 S. R. 21 E. continued

chains

in each Sec., 5½ ft. dist.,
and raised a mound of
earth 2 ft high, 4½ ft base
around post. from which
a Mesquite 4 ins. diam. bears N. 60° W. 66 lks dist
marked T. 18 S. R. 21 E. S. 2 B. T.
a Mesquite 4 ins. diam. bears S. 75 E. 75 lks dist
marked T. 18 S. R. 21 E. S. 12 B. T.
Land undulating, descending W.
Soil 2d rate.
No timber, occasional trees.

---

East on a random line bet.
Secs 1 & 12.
Var. 12° 25' E.
40.00 Set temporary 1/4 Sec. Cor.

Subdivisions T. 18 S. R. 21 E. continued

chains.

79.88 Intersect E. Boundary of Township. at 20 lks S. of cor. to Secs. 1. 6. 7 & 12. which is a post 3 ins. square, with mound of earth 2 ft high, and pits 24 + 12 + 12 ins. all established as per instructions of old Manual

Thence I run.

S. 89° 51' W. on a true line, bet. Secs. 1 & 12 with same va.

39.94 Set a post 2 ft long, 3 ins. square with marked stone 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 S on N. face, dug pits 18 + 18 + 12 ins. E & W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft.

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | high, 3½ ft. base around post. |
| 79.88 | The cor. to secs. 1. 2. 11. & 12. |
| | Land rolling |
| | Soil 2d rate |
| | Scattering trees and brush. |
| | ——— |
| | North, on a random line bet. Secs. 1 & 2. |
| | Var. 12° 25' E. |
| 13.40 | Dry wash 10 lks wide course W. |
| 25.73 | Road course N. E. |
| 35.00 | Dry wash 5 lks wide course W. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 79.87 | Intersect north boundary of township at 15 lks E. of |

Subdivision T. 18 S. R. 21 E. continued

chains

cor. to Secs. 1. 2. 35 + 36.
which is a post, marked +
notched 3 ins. square, with
mound of earth 2 ft high,
and pits 24 + 12 + 12 ins. all
established exp instructions
of old Manual, and from
which
a Dead Cedar. 9 ins. diam. bro. W. 173 lks dist.
Thence I run.
S. 0. 06' E. on a true line, bet.
secs. 1 + 2. with same va.
39.87 Set a post 2 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,
and raised a mound of stone
around post. pits impracticable.

Subdivisions T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| 79.87 | The cor. to Secs. 1. 2. 11 & 12 |
| | Land rolling, some broken, |
| | Soil poor. |
| | No timber. |

---

December 12. 1881.

Subdivisions T. 18 S. R. 21 E. continued

chains

From the corner to secs. 2, 3, 34 and 35, on south boundary of the Township, which is a post 3 ins square, with mound of earth 8 ft high around post, with pits 24+12+12 ins. as pr established instructions, of old Manual

Run
North. bet. Secs. 34 & 35.
Var. 12° 25' E.

40.00 Set a granite stone 12+8+7 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18+18+12 ins N & S. of stone, 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft base, alongside.

80.00 Set a post 4 ft long, 4 ins. square,

Subdivision T. 18 S. R. 21 E. continued

chains

with marked stone, 12 ins.
in the ground, for cor. to secs.
26. 27. 34 & 35. marked
T. 18 S. S. 26 on N. E.
R. 21 E. S. 35 on S. E.
S. 34 on S. W. and
S. 27 on N. W. faces, with 1
notch on S. and 2 notches on
E. edges, dug pits 18+18+12 ins.
in each sec. 5½ ft. dist. and
raised a mound of earth, 2 ft
high, 4½ ft. base, around, post.
Land broken
Soil 3d rate
No timber.

---

East, on a random line, bet.

Subdivision T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | Secs. 26 & 35. |
| | Var. 12° 25' E. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 80.13 | Intersect N & S. line 12 lks N. of cor. to Secs. 25. 26. 35 & 36. |
| | Thence 9 mm. |
| | N. 89° 55 W. on a true line, bet. Secs. 26 & 35. with same va. |
| 40.06 | Set a post 2 ft long, 3 ins. square, with marked stone, 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on N. face; dug pits 18 + 18 + 12 ins. E & 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. |
| 80.13 | The cor. to Secs. 26. 27. 34 & 35. |
| | Land broken |

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | Soil poor. |
| | No timber, brushy. |
| | North, bet. Secs. 26 & 27. |
| | Var 12. 25' 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+18+12 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 post 4 ft. long. 4 ins. square, with marked stone, 12 ins. in the ground, for. cor. to Secs. 22 23. 26 & 27 marked — T18 S. S. 23 on on N. E. |

Subdivision T. 18 S. R. 21 E. continued

chains.

R. 21 E. S. 26 on S. E.
S. 27 on S. W. and
S. 22 on N. W. faces, with 2
notches on S. and E. edges; dug
pits 18 + 18 & 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 broken
Soil 3d rate
Brushy, no timber.

---

East on a random line bet.
Secs. 23 & 26.
Var. 12° 25' E.

40.00 Set temporary 1/4 Sec. cor.
79.90 Intersect N & S. line 14 lks S.

Subdivision T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | of cors to Secs. 23. 24. 25 & 26. |
| | Thence 9 mm |
| | S. 89° 54' W. on a true line, |
| | bet. Secs. 23 & 26, with camera. |
| 39.95 | 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 N. face, dug |
| | pits 18 + 18 + 12 ins. E & 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. |
| 79.90 | The cor. to Secs. 22. 23. 26 & 27 |
| | Land broken |
| | Soil poor. |
| | no timber |

Subdivision T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | North bet. Secs. 22 & 23. Var. 12°25' 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+18+12 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 post 4 ft long 4 ins. square with marked stone 12 ins. in the ground for cor. to Secs. 14. 15. 22 & 23. marked T. 18 S. S. 14 on N. E. R. 21 E. S. 23 on S. E. S. 22 on S. W. and S. 15 on N. W. faces, with |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | 3 notches on S. and 2 notches on E. edges, dug pits 18 + 18 + 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 broken |
| | Soil poor |
| | No timber. |
| | East on a random line, bet. Secs. 14 and 23. |
| | Var. 12° 25' E. |
| 6.50 | Dry Wash 40 lks wide course S.W. |
| 15.38 | Old road course N. E. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 79.93 | Intersect N. + S. line 12 lks S. of cor. to Secs. 13. 14. 23. & 24 |

Subdivisions T. 18 S. R. 21 E. continued

Chains

Thence Due
S. 89°55' W. on a true line,
bet. Secs. 14 & 23. with same va.
39.96 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 N. face, dug pits 18 & 18 &
12 ins. E & 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.
79.93 The cor. to Secs. 14. 15. 22 & 23.
Land smooth ascending E.
Soil 2d rate
No timber, some brush.

---

North bet. Secs. 14 & 15.

Subdivision T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | Var. 12° 25' 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, and raised a mound of stone 1 1/2 ft high, 3 1/2 ft base around post. pits impracticable. |
| 80.00 | Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 10. 11. 14 & 15. marked. T. 18 S. S. 11 on N. E. R. 21 E. S. 14 on S. E. S. 15 on S. W. and S. 10. on N. W. faces, with 4 notches on S. and 2 notches on E. edges. dug pits 18 + 18 + 12 |

Subdivisions T. 18 S. R. 21 E. continued

chains

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. from which
a Mesquite 5 ins. diam. brs. N. 86° E. 231 lks dist.
marked T. 18 S. R. 21 E. S. 11. B. T.
a Mesquite 12 ins. diam. brs. S. 12° E. 89 lks dist.
marked T. 18 S. R. 21 E. S. 14 B. T.
"no other trees within limits"
Land rolling
Soil 2d rate
No timber.

---

East on random line bet. Secs.
11 + 14.
Var. 12° 25' E.
40.00 Set temporary 1/4 Sec. cor.

Subdivisions T. 18 S. R. 21 E. continued

chains

63.40 Dry wash 30 lks wide course N. W.

79.91 Intersect N & S. line 13 lks N. of cor. to secs. 11. 12. 13 & 14.

Thence 9 mn.

N 89° 54' W. on a true line, bet. Secs. 11 & 14 with same va.

39.95 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 N. face, dug pits 18 + 18 + 12 ins. E & 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. from which

a Mesquite 12 ins. diam. bears S. 18° W. 184 lks dist marked 1/4 S. B. T.

a Mesquite 10 ins. diam. bears N. 40° W. 158 lks dist. marked 1/4 S. B. T.

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| 79.91 | The cor. to Secs. 10. 11. 14 & 15. |
| | Land descending W. |
| | Soil 2d rate |
| | Some brush & occasional trees. |

---

North bet. Secs. 10 & 11.
Var. 12° 25' E.

| | |
|---|---|
| 10.10 | Dry Wash 50 lks wide course W. |
| 13.70 | Little ridge 15 ft high, extending W. |
| 18.10 | Dry Wash 20 lks wide course W. |
| 21.15 | Road from Mormon Settlement towards Dragoon Pass course N.E. |
| 36.30 | Dry Wash 10 lks wide course W. |
| 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, and raised a |

Subdivisions T. 18 S. R. 21 E. continued

chains

mound of stone 1½ ft high,
3½ ft base around post.
from which
a Mesquite 8 ins. diam. bears N. 22° E. 242 lks dist.
marked 1/4 S. B. T.
"no other trees within limit."
80.00 Set a post 4 ft long 4 ins. square,
with marked stone 12 ins. in the
ground, for cor. to Secs 2. 3. 10 &
11. marked
T. 18 S. S. 2 on N. E.
R. 21 E. S. 11 on S. E.
S. 10 on S. W. and
S. 3. on N. W. faces, with
5 notches on S. and 2 notes on
E. edges, dug pits 18 + 18 + 12 ins.
in each sec. 5½ ft. dist. and
raised a mound of earth 2 ft high,

Subdivisions T. 18 S. R. 21 E. continued

chains

4 1/2 ft. base around post from which
a Mesquite 6 ins. diam. bs N. 43° E. 93 lks dist.
marked T18 S. R. 21 E. S. 2 B. T.
a Mesquite 3 ins. diam. bs. N. 13 W. 97 lks dist.
marked T18 S. R. 21 E. S. 3. B. T.
"no other trees within limits."
Land rolling
Soil 2d rate.
Scattering Mesquite trees and brush.

---

East on a random line bet.
Secs. 2 & 11.
Var. 12° 25' E.

40.00 Set temporary 1/4 Sec. cor.
60.00 Road course N. E.
80.14 Intersect N. & S. line at 15 lks

Subdivisions T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | N. of cor. to Secs. 1. 2. 11. & 12. |
| | Thence Dnue. |
| | N. 89° 54' W. on a true line, |
| | bet Sec. 2 & 11. with same var. |
| 40.07 | Set a post 2 ft. long 3 ins. square, |
| | with marked stone 12 ins. in the |
| | ground, for 1/4 Sec. cor. marked |
| | 1/4 S. on N. face, dug pits 18 x 18 x |
| | 12 ins. E & 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, from which. |
| | a Mesquite 5 ins. diam. bs S. 53° E. 263 lks dist. |
| | marked 1/4 S. B. T. |
| | a Mesquite 6 ins. diam. bs. S. 55 W. 114 lks. dist. |
| | marked 1/4 S. B. T. |
| 80.14 | The cor. to Secs. 2. 3. 10 & 11. |
| | Land rolling & some broken |

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | Soil poor. |
| | Occassional trees. |
| | North on a random line bet. Secs. 2 & 3. |
| | Var. 12° 25' E. |
| 13.70 | Dry Wash 12 lks wide course W. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 79.85 | Intersect N. Boundary of Tp. 10 lks E. of cor. to Secs 2. 3. 34. & 35. which is a post marked & notched, 3 ins. square, with mound of earth 2 ft high, around post, and with pits 24 + 12 + 12 ins. all established as per instructions in old Manual, from which cor. |
| | a Cedar 8 ins. diam. bears S. 35° W. 52 lks. dist |

Subdivisions T. 18 S. R. 21 E. continued

Chains

a cedar 12 ins. dia. brs S. 34° W. 93 lks dist.
a cedar 8 ins. dia. brs. S. 53 1/2° W. 250 lks dist.
a cedar 9 ins. dia. brs. N. 50° E. 150 lks dist.
Thence I run.
S. 0° 04' E. on a true line, bet.
Secs. 2 & 3. with same var.
39.85 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.
and raised a mound of stone
1 1/2 ft high, 3 1/2 ft base around
post from which
a Juniper 6 ins. diam. brs. S. 40° E. 33 lks dist.
marked 1/4 S. B. T.
a Juniper 6 ins. diam. brs East. 15 lks. dist.
marked 1/4 S. B. T.
79.85 The cor. to Secs. 2, 3, 34 & 35.
Land rolling

Subdivision T. 18 S. R. 21 E. continued

chains

Soil 2d rate
Occassional trees.

December 13. 1881.

Subdivisions T. 18 S. R. 21 E. continued

chains.

From the Cor. to Secs. 3. 4. 33 & 34, on S. Boundary of township. which is a post, marked + notched 3 ins. square with mound of earth 2 ft high, around post, and pits 24 + 12 + 12 ins. all established as per instructions of old manual. from which ~~post~~.

a Mesquite 4 ins. diam. brs S. 61° E. 149 lks dist.

a Mesquite 6 ins. diam. brs. N. 61° E. 71 lks dist.

a Mesquite 8 ins. diam. brs. S. 72½° W. 115 lks dist.

a Mesquite 8 ins. diam. brs. S. 9½° W. 84 lks dist.

Thence North West, on true line bet. Secs. 4 + 33

Var. 12° 25' E.

2.08 Intersected the E. line of Private Land claim San Juan de las Boquillas. 41.95 chs S. 2° 39' W. from the N. E. cor. of said claim

Subdivisions T. 18 S. R. 21 E. continued.

claims

This cor. is marked by a post 3 ins. sq. set in ground marked "S. J. B. N. No. 12." from which a Mesquite tree 16 ins. diam. bears N. 39° 02' W. 194 links.
I retrace portion of E. line of said claim and find its course to be S. E & N. W. 2° 39' instead of 1° 58' as given in notes of preliminary survey of said claim, I use a Burts improved Solar Compass.
At the above point of intersection I set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground marked -
T. 18 S. S. 33 on N. face
R. 21 E. on E. face
T. 19 S. S. 4 on S. face
S. J. B. on W. face.

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | dug pits 18 x 18 x 12 ins. N & S. on line of Private Land Claim. and E. on township line 5½ ft. dist. and raised a mound of earth 2 ft high, 4½ ft base around post. |
| | Returning to cor. to Secs. 3. 4. 33 & 34. From North bet. Secs. 33 & 34. |
| | Var. 12° 25' E. |
| | Ascend steeply. |
| 2.76 | top of high Mesa ridge. |
| 13.00 | Descend from Mesa. |
| 15.00 | Flat. |
| 37.00 | Road course N. E. (wood road) |
| 40.00 | Set a post 2 ft long. 3 ins. square, with marked stone 12 ins. in the ground, for 1/4 sec. cor., marked |

Subdivisions T. 18 S. R. 21 E. continued

Chains

~~on~~ 1/4 S. on W. face, dug pits
18+18+12 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. from which the
N.E. cor. of Private land grant. of San Juan
de las Boquillas. bears N. 13°22' W. 192 lks dist.
80.00 Set a post 4 ft. long. 4 ins. square,
with marked stone 12 ins. in the
ground, for cor. to Secs. 27, 28.
33 and 34. marked.
T 18 S. S. 27 on N. E.
R. 21 E. S. 34 on S. E.
S. 33. on S. W. and
S. 28 on N. W. faces, with 1
notch on S. and 3 notches on E.
edges, dug pits 18+18+12 ins. in
each sec. 5 1/2 ft. dist. and raised

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | a mound of earth 2 ft high, 4½ ft. base, around post. Land mostly flat. Soil good No timber. |
| | East. on a random line, bet. Secs. 27 & 34. Var. 12° 25' E. |
| 15.00 | Leave flat & ascend broken Mesa & hills. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 80.11 | Intersect N & S. line 10 lks. S. of cor. to Secs. 26. 27. 34 & 35. Found 2 mm. |
| | S. 89° 56' W. on a true line, bet. secs. 27 and 34. with same va. |

Subdivisions T. 18 S. R. 21 E continued

| Chains | |
|---|---|
| 40.05 | Set a post 2 ft long, 3 ins. square, with marked stone 12 ins in the ground, for 1/4 Sec. cor. marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins. E & 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. |
| 80.11 | The cor. to secs. 27, 28, 33 & 34. Land broken after leaving flat. Soil poor. No timber. |

---

North bet Secs. 27 & 28
Var. 12° 25' E.

| | |
|---|---|
| 40.00 | Set a post 3 ft long, 3 ins. square with marked stone 12 ins. in |

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | the ground, for 1/4 Sec. cor. marked 1/4 S. on N. face, dug pits 18+18+12 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 post 4 ft long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to Secs. 21. 22. 27. 28. marked. T. 18 S. S. 22 on N. E. R. 21 E. S. 27 on S. E. S. 28 on S. W. and S. 21 on N. W. faces. with 2 notches on S. and 3 notches on E edges, dug pits 18+18+12 ins. in each sec. 5 1/2 ft dist., and |

Subdivisions T. 18 S. R. 21 E. continued

Chains

raised a mound of earth 2ft high, 4½ft base, around post. from which

a Mesquite 3 ins. diam. bears N. 70° E. 291 lks dist. marked T 18 S. R. 21 E. S. 22 B. T. "no other trees within limits."

Land descending gently W.

Soil good

No timber.

---

East on a random line, bet. Secs. 22 & 27.

Var. 12° 25' E.

30.00 Leave plain & enter broken Mesa & hills.

40.00 Set temporary 1/4 Sec. cor.

80.15 Intersect N & S. line, 9 lks N.

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | of cor. to secs. 22. 23. 26 & 27. |
| | Thence 9 rm. |
| | N 89° 56' W. on a true line bet. |
| | Secs. 22 & 27. with same va. |
| 40.07 | 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 N. face; dug |
| | pits 18 + 18 + 12 ins. E & 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. |
| 80.15 | The cor. to Secs. 21. 22. 27 & 28. |
| | Land broken after leaving |
| | Plain |
| | Soil 2d & 3d rate |
| | No timber. |

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | North. bet. Secs. 21 & 22. |
| | Var. 12° 25' E. |
| 0.93 | Old road course N. W. |
| 22.20 | Leave plain & ascend Mesa |
| 29.00 | Dry Wash 10 lks wide course W. |
| 32.50 | Top of little ridge extending W. |
| 35.57 | Dry wash 10 lks wide course W. |
| 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 + 18 + 12 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, from which a Mesquite 8 ins. diam. bears S. 25 1/2° W. 99 lks dist. marked 1/4 S. B. T. |
| | a Mesquite 10 ins. diam. bears N. 12 1/2° E. 201 lks dist. marked 1/4 S. B. T. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| 49.82 | Dry Wash 50 lks wide, course N. W. |
| 80.00 | Set a post 4 ft long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to Secs. 15. 16 21 & 22, marked — T. 18 S. S. 15 on N. E. R. 21 E. S. 22 on S. E. S. 21 on S. W. and S. 16 on N. W. faces, with 3 notches on S. and E. edges, dug pits 18 + 18 + 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. from which a Mesquite 5 ins. diam. bs N. 50° E. 37 lks. dist. marked T. 18 S. R. 21 E. S. 15. B. T. a Mesquite 5 ins. diam. bs. S. 17° W. 246 lks. dist. marked T. 18 S. R. 21 E. S. 22 B. T. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | Land rolling & broken along E. of Bottom. Soil 2d rate. Some brush & occassional Mesquite trees. |
| | East on a random line bet. Secs. 15 & 22. Var. 12° 25' E. |
| 5.00 | Leave Valley & ascend broken Mesa, |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 68.50 | Dry Wash 5 lks wide course N. W. |
| 80.10 | Intersect N & S. line 7 lks N. of cor. to Secs. 14. 15. 22 & 23. Thence Down. N. 89° 57' W. on a true line, bet. |

Subdivision. T. 18 S. R. 21 E. continued

Chains

S. q. on N. W. faces. with 4 notches on S. and 3 notches on E. edges, dug pits 18 + 18 + 12 ins. in each sec. 5 1/2 ft dist. and raised a mound of earth 2 ft. high, 4 1/2 ft base, mound post. from which

" a Mesquite 12 ins diam. brs. N. 47 1/2 E. 2 1/3 lks dist marked T. 18 S. R. 21 E. S. 10. B. T.

a Mesquite 8 ins. diam. brs. S. 23 1/4° E. 1.79 lks dist. marked T. 18 S. R. 21 E. S. 15 B. T.

a Mesquite 4 ins. diam. brs S. 66 1/4° W. 1.41 lks. dist. marked T. 18 S. R. 21. E. S. 16. B. T.

no other trees within limits.

Land uneven

Soil 2d rate

Scattering trees.

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | East. on a random line, bet. Secs. 10 & 15. |
| | Var. 12° 25' E. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 48.00 | Dim road course S. W. |
| 53.50 | Foot of ridge & ascend |
| 55.67 | Top 30 ft high extending S.W. descend |
| 67.00 | Dry Wash 20 lks wide course N.W. |
| 74.00 | Dry Wash 10 lks wide, course N. W. |
| 80.08 | Intersect N & S. line at 12 lks S. of cor. to Secs. 10. 11. 14 & 15. |
| | Thence Dom. |
| | S. 89° 55' W. on a true line, bet. Secs. 10 & 15. with same va. |
| 40 04 | Set a post 2 ft long, 3 ins. square, with marked stone 12 ins. in the ground, for 1/4 sec. cor, marked |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | 1/4 S. on N. face, dug pits 18 & 18 × 12 ins. E & 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. from which |
| | a Mesquite 10 ins. diam. bears S. 74 1/2° E. 82 lks dist. marked 1/4 S. B. T. |
| | a Mesquite 3 ins. diam. bears N. 10 1/2° W. 97 lks dist. marked 1/4 S. B. T. |
| 80.08. | The cor. to Secs. 9. 10. 15 & 16. |
| | Land ascending E. |
| | Soil 2d rate |
| | Brushy & occassional trees. |
| | --- |
| | North bet. Secs. 9 & 10. |
| | Var. 12° 25' E. |
| 40.00 | Set a post 2 ft. long. 3 ins. square, |

No. 889

Subdivision T. 18 S. R. 21 E. continued

Chains

with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 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. from which,

a Mesquite 6 ins. diam. brs. N. 30° E. 153 lks. dist. marked 1/4 S. B. T.

a Mesquite 4 ins. diam. brs. S. 40° W. 228 lks. dist. marked 1/4 S. B. T.

4.78 Road to San Pedro Valley course S. W.

8.80 Dry Wash 10 lks wide course S. W.

10.00 Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 3. 4. 9 & 10. marked.

Subdivisions T. 18 S. R. 21 E. continued

chains

T. 18 S. S. 3 on N. E.
R. 21 E. S. 10 on S. E.
S. 9 on S. W. and
S. 4 on N. W. faces, with 5
notches on S. and 3 notches on
E. edges, dug pits 18+18+12 ins.
in each sec. 5½ ft. dist. and
raised a mound of earth
2 ft high, 4½ ft. base, around
post.
Land rolling
Soil 2d rate
Scattering trees & brush.

---

East on a random line bet.
Secs. 3 & 10.
Var. 12° 25' E.

Subdivision T. 18 S. R. 21 E. continued.

| Chains. | |
|---|---|
| 4.80 | Dry Wash 20 lks wide, course S.W. |
| 8.00 | Road course S. W. |
| .65 | Dry wash 20 lks wide course S.W. |
| 0.00 | Set temporary 1/4 Sec. cor. |
| 4.75 | Dry wash 10 lks wide course N.W. |
| 9.92 | Intersect N & S. line 11 lks N. of cor. to Secs. 2. 3. 10 & 11. |
| | Thence I run N. 89° 55' W. on a true line, bet Secs. 3 & 10. with varn va. |
| 9.96 | Set a post 2 ft long 3 ins. square, with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, dug pits 18+18+12 ins. E & W. of post, 5 1/2 ft. diot. and raised a mound of earth 1 1/2 ft high, 3 1/2 ft base, around post, |
| 9.92 | The Cor. to Secs. 3. 4. 9. & 10. |

Subdivision T. 18 S. R. 21 E. continued

Chains.

Land rolling & broken
ascending W.
Soil 2d rate
Brushy, no timber.

---

North, on a random line,
bet Secs. 3 & 4.
Var 12° 25' E.

40.00 Set temporary 1/4 Sec Cor.

79.90 Intersect N. Boundary of township, 13 lks W. of cor. to Secs. 3. 4. 33 & 34. which is a post, marked & notched, set in mound of earth 2 ft high, with pits 24 x 12 x 12 ins. all established agr instructions, of old Manual

Subdivision T. 18 S. R. 21 E. continued

chains

Thence I run
S. 0° 06' W. on a true line, bet. Secs.
3 & 4. with same va.
39.90 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 &
18 & 12 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. from which
a Mesquite 3 ins. diam. bears N. 58° W. 53 lks dist.
marked 1/4 S. B. T.
"no other tree within limits."
79.90 The cor. to Secs. 3. 4. 9 & 10.
Land rolling.
Soil 2d rate.
No timber

Dec. 14. 1881.

Subdivisions T. 18 S. R. 21 E. continued

chains.

From the cor. to Secs. 4. 5. 32 and 33. on south boundary of the township. which is a post marked & notched, 3 ins. square, set in mound of earth 2 ft high, with pits 24 + 12 + 12 ins. all established as per instruction of old Manual, from which

a Mesquite 6 ins. diam. bs S. 48° E. 132 lks. dist.
a Mesquite 3. ins. diam. bs S. 15 1/2° E. 92 lks. dist.
a Mesquite 9 ins. diam. bs. S. 83 1/2° W. 52 lks. dist
a Mesquite 4 ins. diam. bs. N. 77 1/2° W. 32 lks. dist.

From
North, bet. Secs. 32 + 33.
Var. 12° 25' E.

40.00 Set a post 3 ft long, 3 ins. square with marked stone 12 ins. in the

Subdivisions T. 18 S. R. 21 E. continued

chains.

ground, for 1/4 Sec. Cor. marked 1/4
S. on W. face, dug pits 18 + 18 + 12 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.
from which
a Mesquite 6 ins. diam. bears N. 7° E. 110 lks dist.
marked 1/4 S. B. T.
a Mesquite 5 ins. diam. bears S. 66 W. 112 lks. dist.
marked 1/4 S. B. T.

44.91 Intersect the N. end line of Private
Land claim San Juan de las
Bogonillas, 302 lks N. 87° 21' W.
of the Center of said claim, marked
by a post, 4 ins. square, set firmly in
the ground, and marked S. G. B.
N. No. 10. set in making preliminary survey of said claim,

Subdivisions T. 18 S. R. 21 E. continued

Chains

(This claim is not confirmed)
At point of Intersection set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground marked
T. 18 S. R. 21 E. on N. face
S. 33. on E.
S. 32 on W. and
S.J.B. on S. faces, dug pits 18 x 18 x 12 ins. on line of Grant E & W. and on line N. 5 1/2 ft dist. and raised a mound of earth 2 ft high, 4 1/2 ft base, around post.
Retraced the North line of this Private land claim, bet. the cors. established in the preliminary survey and found

Subdivision T. 18 S. R. 21. E. continued

| Chains | |
|---|---|
| | the course to be by my instrument (a Burts improved Solar Compass) N. W & S. E. 87°21' instead of 88°02' as given in the preliminary survey of said Grant. |
| 80.00 | Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 28. 29 32 & 33, marked T. 18 S. S. 28 on N. E. R. 21 E. S. 33 on S. E. S. 32 on S. W. and S. 29 on N. W. faces, with 1 notch on S. and 4 notches on E. edges, dug pits 18+18+12 ins. in each Sec., 5½ ft. dist, and raised a mound of earth |

Subdivision T. 18 S. R. 21. E. continued

Chains.

2 ft high, 4 1/2 ft. base, around post, from which
a Mesquite 3 ins. diam. bs. N. 33° E. 115 lks dist
marked T. 18. S. R. 21 E. S. 28. B. T.
a Mesquite 3 ins. diam. bs. S. 33 1/2° E. 81 lks. dist
marked T. 18 S. R. 21 E. S. 33. B. T.
a Mesquite 2 1/2 ins. diam. bs. S. 36° W. 12 lks. dist
marked T. 18 S. R. 21 E. S. 32. B. T.
a Mesquite 4 ins. diam. bs. N. 47° W. 174 lks dist.
marked T. 18 S. R. 21 E. S. 29 B. T.
Land flat.
Soil good
Mesquite Brush.

---

East on a random line, bet. Secs. 28 + 33.

Var 12° 25' E.

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| 32.80 | Telegraph line from Tombstone to Benson course N. |
| 34.64 | Road along valley to Benson course N. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 55.00 | Road course E of N. |
| 79.67 | Intersect N & S. line 45 lks N. of cor. to Secs. 27. 28. 33 & 34. |
| | Thence Dom. |
| | N. 89° 41' W. on a true line, bet. Secs 28 & 33. with same va. |
| 39.83 | Set a post 2 ft long. 3 ins. square with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins. E & W. of post, 5 1/2 ft. dist. and raised a mound of earth |

Subdivisions T. 18. S. R. 21. E. continued

| chains. | |
|---|---|
| | 1½ ft high, 3½ ft base, around post, |
| 79.67 | The cor. to Secs. 28. 29. 32 & 33. Land sloping gently W. Good Soil, Some Mesquite Bush, on W. end, |

---

North. bet. Secs. 28 & 29.
Var. 12°25' E.

| | |
|---|---|
| 36.00 | Leave flat & ascend hill |
| 37.70 | Top of hill 50 ft high, |
| 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, and raised a mound of stone 1½ ft high, |

Subdivisions T.18 S. R.21 E. continued

| Chains | |
|---|---|
| | 3½ ft base, around post, pits impracticable, from post. |
| | a Mesquite 4 ins diam. bears S.2° E. 130 lks. dist marked 1/4 S. B. T. |
| | no other trees within limits. |
| | This cor. is on N. slope near top of hill south of River, descend. |
| 41.40 | Foot of hill on N. side |
| 49.30 | Ditch course N. E. |
| 52.00 | San Pedro River 100 lks wide course N. E. chain across. |
| 54.32 | Foot of Bluff bank & ascend. |
| 55.20 | Top of Bank 40 ft high, descend |
| 60.00 | Foot of descend. |
| 80.00 | Set a post 4 ft long 4 ins. square with marked stone 12 ins in the ground, for cor. to Secs. 20. 21. 28 & 29. marked |

Subdivisions T. 18 S. R. 21 E. continued

chains.

T. 18 S. S. 21. on N. E.
R. 21 E. S. 28 on S. E.
S. 29 on S. W. and
S. 20 on N. W. facs. with 2
notches on S. and 4 notches
on E edges, dug pits 18+18+12
ins. in each sec., 5½ ft. dist.
and raised a mound of
earth 2 ft high, 4½ ft base,
around post. from which
a Mesquite 5 ins. diam. bs. N. 65½° E. 181 lks dist.
marked T. 18 S. R. 21 E. S. 21. B. T.
a Mesquite 4 ins. diam. bs S. 82° E 268 lks. dist.
marked T. 18 S. R. 21 E. S. 28 B. T.
no other trees within limits.
Land partly in plain &
partly on hills,
Soil good, in plain,
Mesquite Bosque.

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | East on a random line. bet. Secs. 21 & 28. |
| | Var. 12° 25' E. |
| 11.68 | San Pedro River 100 lks wide course N. |
| 37.17 | Telegraph line Tombstone to Benson course N. |
| 38.14 | Road along valley to Benson the course N. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 56.50 | Road from Tombstone to Benson the course N & S. |
| 79.71 | Intersect N & S. line 25 lks W. of cor. to Secs. 21. 22. 27 and 28. |
| | Thence Down. |
| | N. 89° 49 W. on a true line, bet. Secs. 21 & 28. with same va. |
| 39.85 | Set a post 2 ft long, 3 ins. square, with marked stone 12 ins. in the ground, for 1/4 Sec. cor. marked |

Subdivision T. 18 S. R. 21 E. continued

Chains

1/4 S. on N. face, dug pits 18+18+
12 ins. E + W. of post, 5 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft high, 3 1/2 ft. base, mound
post. from which
a Mesquite 2 ins. diam. bs N. 82 1/2° E. 65 lks. dist.
marked 1/4 S. B. T.
a Mesquit 3 ins. diam. bs. S. 33° E. 153 lks. dist.
marked 1/4 S. B. T.

79.71 The cor. to secs. 20. 21. 28 + 29.
Land gently descending W.
Soil good
Some Mesquite brush on W. end.

---

North, bet. Secs. 20 + 21.
Var. 12° 25' E.

40.00 Set a post 3 ft long. 3 ins. square

Subdivisions T. 18 S. R. 21 E. continued

chains.

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 & 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. from which.

A Mesquite 4 ins. diam. bs. N. 57° E. 79 lks dist. marked 1/4 S. B. T.

A Mesquite 4 ins. diam. bs. N. 16 1/2° W. 71 lks. dist. marked 1/4 S. B. T.

80.00 Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 16. 17. 20 & 21. marked —
T. 18 S. S. 16 on N. E.
R. 21 E. S. 21 on S. E.
S. 20 on S. W. and
S. 17 on N. W. faces.

Subdivision T. 18 S. R. 21 E. continued

chains

with 3 notches on S. and 4 notches on E. edges, dug pits 18 + 18 + 12 ins. in each sec. 5 1/2 ft dist. and raised a mound of earth 2 ft high, 4 1/2 ft base, mound post. from which
a Mesquite 6 ins. diam. bs. S. 2 1/2° E. 143 lks dist. marked T. 18 S. R. 21 E. S. 21. B. T.
a Mesquite 4 ins. diam. bs. S. 49 1/2° W. 154 lks. dist. marked T. 18 S. R. 21 E. S. 20. B. T.
The Mormon Bishops stone house bs N. 63 3/4° E.
Land level
Soil good
Mesquite Brush.

---

East, on a random line bet.

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | Secs. 16 & 21. |
| | Var. 12° 25' E. |
| 14.89 | San Pedro River 100 lks wide course N.W. |
| 21.66 | Telegraph line from Tombstone to Benson course W. of N. |
| 30.56 | Thence course N & S. center enclosure |
| 31.36 | Irrigating ditch course N. |
| 33.25 | Road along Valley course N. |
| 40.00 | Set temporary 1/4 Sec. Cor. |
| 79.74 | Intersected N & S. line at 18 lks S. of cor. to Secs. 15. 16. 21 & 22. |
| | Thence Done |
| | S. 89° 52' W. on a true line, bet. Secs. 16 & 21. with same va. |
| 39.87 | 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 N. face, dug pits 18 & 18 & 12 ins. E & W. of post 5 1/2 ft. dist. |

Subdivision T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | and raised a mound of earth, 1½ ft. high, 3½ ft. base, around post. from which |
| | a Mesquite 3 ins. diam. bears N. 87° E. 64 lks. dist. marked 1/4 S. B. T. |
| | a Mesquite 4 ins. diam. bears S. 70½° W. 154 lks. dist. marked 1/4 S. B. T. |
| 79.74 | The cor. to Secs. 16. 17. 20 & 21. Land smooth descending W. Soil good, Some Mesquite brush. |
| | --- |
| | North. bet. Secs. 16 & 17. Var. 12° 25' E. |
| 22.50 | J. S. Campbells house bears N. 54½° E. |
| 23.70 | San Pedro River 100 lks wide course N. W. chain across |

Subdivisions T. 18 S. R. 21 E. continued

chains
35.38 Fence course E & W. & enter enclosure
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 & 18 x 12 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, from which.
a Mesquite 6 ins. diam. brs. N. 34 1/4° E. 279 lks. dist. marked 1/4 S. B. T.
a Mesquite 4 ins. diam. brs. S. 56° W. 159 lks. dist. marked 1/4 S. B. T.
The Mormon Bishops stone house brs. S. 35° 50' E.
J. S. Campbells house brs. S. 24° E.
Clifford's house brs N. 80° E. 13.61 chs dist.
In order to note all the houses in

Subdivision T. 18 S. R. 28 E. continued

chains.

this Mormon Settlement. I run from Cliffords house as follows.
M. N. Merrill's house bs. N. 6½° E. 2.22 chs. dist. thence
Trajob House bs. N. 5° 30' W. 4.69 chs. dist. thence
H. Reed's house bs. N. 0° ½° W. 11.89 chs. dist. thence
C. Reed's. house bs. N. 6° E. 3.17 chs. dist. thence
W. R. Bingham's house bs. N. 2° W. 5.03 chs. dist. thence
J. Bingham's house bs N. 0° 3/4° E. 2.52 chs. dist. thence
Neilson's house bs S. 52 1/4° E. 6.84 chs. dist.
From M. H. Merrill's house again I run to
W. Curtis house bs. N. 1/4° E. 5.60 chs. dist. thence
A. B. Wild's house bs N. 35 3/4° E. 4.10 chs. dist. thence
E. T. Hubbard's house bs. S. 44° E. 6.76 chs. dist. thence
J. Curtis house bs S. 35° E. 7.57 chs. dist. thence
J. W. Campbell's house bs. S. 85° E. 4.33 chs. dist. thence
From J. Curtis house again I run to
J. S. Merrill's house bs. S. 38° W. 6.75 chs. dist. thence
J. Mc. Crea's house bs. S. 10 1/4° E. 4.45 chs. dist. thence
From J. S. Merrill's house again

Subdivisions T. 18 S. R. 21 E. continued

chains.

Drive to
S. B. Curtis's house, bra. N. 83¾° W. 4.44 chs. dist. thence
J. Busby's house bra. S. 57° W. 8.47 chs. dist.

47.42 Telegraph line from Pombstone to
Benson course N. W.

80.00 at S. base of little hill N. W.
of Mormon Settlement. Set a
post 4 ft long, 4 ins. square, with
marked stone 12 ins. in the
ground, for cor. to Secs. 8. 9. 16 &
17. marked
T. 18 S. S. 9 on N. E.
R. 21 E. S. 16 on S. E.
S. 17 on S. W. and
S. 8 on N. W. faces. with 4
notches on S. & E. edges, dug
pits 18 + 18 + 12 ins. in each sec.
5½ ft. dist. and raised a mound

Subdivision T. 18 S. R. 21 E. continued

chains.

of earth 2 ft high 4 1/2 ft. base
around post. from which
a Mesquite 6 ins. diam. bs. S. 76 1/2° E. 81 lks. dist.
marked T. 18 S. R. 21 E. S. 16. B. T.
a Mesquite 6 ins. diam. bs. N. 23 1/2° W. 134 lks. dist.
marked T. 18 S. R. 21 E. S. 8. B. T.
no other trees within limits.
Land level.
Soil good
Some Mesquite brush.

---

East on a random line, bet. Secs.
9 & 16.

Var. 12° 25' E.

6.76 Thence course N. W. & leave enclosure,
7.09 Road along valley to Benson etc
course N. W.

Subdivision T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| 11.32 | Stage Road to Benson W of N. |
| 16.84 | Dry Wash 18 lks wide course S.W. |
| 37.96 | Road course E of N. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 79.80 | Intersect N & S. line 12 lks S. of cor. to Secs. 9. 10. 15 & 16. |
| | Thence Gunn. |
| | S. 89° 55' W. on a true line, bet. secs. 9 & 16. with same va. |
| 39.90 | 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 N. face, and raised mound of stone 1 1/2 ft. high 3 1/2 ft base, around post. from which |
| | a Mesquite 5 ins diam. bs N. 67° E. 136 lks. dist. marked 1/4 S. B. T. |
| | a Mesquite 4 ins. diam. bs. S. 81° W. 167 lks. dist |

Subdivisions T. 18. S. R. 21 E. continued

| chains | |
|---|---|
| | marked 1/4 S. B. T. |
| 79.80 | The cor. to Secs. 8. 9. 16. & 17. |
| | Land descending W. |
| | Soil good |
| | Scattering trees and brush. |
| | --- |
| | North bet. Secs. 8 & 9. |
| | Var. 12° 25' E. |
| | ascend a little low hill. |
| 10.00 | Fence S. E & N. W. & leave enclosure, |
| 12.00 | Road along valley to Benson, etc |
| | course N. W. |
| 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 & S. of post. 5 1/2 ft. dist. |
| | and raised a mound of |

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | earth 1½ ft high, 3½ ft. base, around post, from which. |
| | Ahouse bs. S. 88° 50' W. about 20 chs. dist. |
| 68.50 | Descend from low hill. |
| 70.30 | Foot. |
| 72.10 | Old road along valley course S. W. |
| 80.00 | Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 4. 5. 8 & 9. marked— |
| | T. 18 S. S. 4 on N. E. |
| | R. 21 E. S. 9 on S. E. |
| | S. 8 on S. W. and |
| | S. 5 on N. W. faces, with 5 notches on S. and 4 notches on E. edges, dug pits. 18+18+12 ins. in each sec. 5½ ft. dist. and |

Subdivisions T. 18 S. R. 21 E. continued

claims.

raised a mound of earth 2 ft
high, 4½ ft. base, around post.
from which
a mesquite 8 ins. diam. bears N. 34° W. 490 lks. dist.
marked T. 18 S. R. 21 E. S. 5. B. T.
no other trees near.
Land sloping W.
Soil good
Scattering Brush, no timber

---

December. 15. 1881.

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

Var. 12° 25' E.

10.00 Old Road course S.
40.00 Set temporary 1/4 Sec. cor.
80.13 Intersect N & S. line 21 lks

Subdivision T. 18 S. R. 21. E. continued

chains

N of cor., to Secs. 3. 4. 9. 10.
Thence 9 mm.
N. 89° 51' W. on a true line, bet.
Secs. 4 & 9. with same var.
40.06 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 N. face, dug pits 18 & 18 &
12 ins. E & 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, from which
a Mesquite 6 ins. diam. brs. N. 57 1/2° E. 243 lks. dist
marked 1/4 S. B. T.
a Mesquite 4 ins. diam. brs. S. 82 1/4° W. 287 lks. dist.
marked 1/4 S. B. T.
80.13 The cor. to Secs. 4. 5. 8 & 9.
Land rolling & broken.

Subdivision T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | Soil poor. Scattering trees. & brush. |
| | North on a random line bet. Secs. 4 & 5. Var. 12° 25' E. |
| 15.53 | Road along valley course S.W. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 75.35 | Road along valley course S.E. |
| 80.05 | Intersect N. Boundary of township. 9 lks. W. of cor. to Secs. 4. 5. 32 & 33. which is a post, marked & notched, 3 ins. square, set in mound of earth 2 ft. high, with pits 24 x 12 x 12 ins. all established as per instructions of old Manual. Thence S 0 00 |

Subdivision T. 18 S. R. 21 E. continued

chains.

S. 0° 04' W. on a true line, bet. Secs. 4 & 5. with same va.

40.05 Set a post. 3 ft. long 3 ins square with marked stone 12 ins. in the ground, for 1/4 sec cor. S. marked 1/4 on W. face dig pits 18 + 18 + 12 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, from which a house with Springs around it. near a little knoll bs. S. 85° E. about 8 chs. dist.

80.05 The cor. to Secs. 4. 5. 8 & 9.

Land sloping gently W.

Soil good

Occassional Mesquite trees.

Subdivisions T. 18 S. R. 21 E. continued

chains.

From the corner to Secs. 5 & 6. 31 & 32. on S. Boundary of the township. which is a post marked & notched 3 ins. square, set in mound of earth 2 ft high, with pits 24 & 12 & 12 ins. all established as pr instructions of old Manual, and from which cor. brs.
a Mesquite 8 ins. dia. South 39 lks dist.
a Mesquite 3 ins. diam. S. 45° W. 70 lks. dist.
3 mm. East along said Boundary and at 4.12 chs. intersect W. line of Private Land claim, San Juan de las Boquillas. 49.07 chs. S. 2° 39' W. from the N. W. cor. of said claim, This N. W. cor. is marked by a post 4 ins. square set in ground, marked S.J. B.N. No. 11.

Subdivision T. 18 S. R. 21 E. continued

claims.

Retrace a portion of the West line, of said claim, and find its course to be. S. W. & N. E. 2° 39' instead of 1° 58' as given in the notes of the preliminary survey of said claim, I found the same difference in the E. and N. lines of said claim, At the above point of intersection I set a post 4 ft long, 4 ins. square with marked stone 12 ins. in the ground, marked –
T. 18 S. S. 32. on N. face
S. J. B. on E. face
T. 19 S. S. 5. on S. face
R. 21 E. on W. face, and raised a mound of stone around post.
Returning to Cor. to Secs.

Subdivision T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | 5. 6. 31 & 32. Dune. |
| | North, bet. Secs. 31 & 32. |
| | Var. 12° 25' E. |
| 38.00 | leave high Mesa & descend into flat. |
| 40.00 | Set a post 2 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 pit 18 x 18 x 12 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. |
| 48.95 | The N. W. cor. of San Juan de las Bogmillas Private land claim bears East. 5. 68 chs. dist. |
| 80.00 | Set a post 4 ft long, 4 ins. square |

Subdivision T. 18 S. R. 21 E. continued

chains.

with marked stone 12 ins. in
the ground for cor. to Secs.
29. 30. 31 & 32. marked
T. 18 S. S. 29. on N. E.
R. 21 E. 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, dug pits 18 + 18 +
12 ins. in each sec. 5½ ft dist.
and raised a mound of
earth 2 ft. high, 4½ ft. base,
around post.
Land partly on Mesa &
partly in flat.
Soil good, in flat.
No timber.

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | East on random line, bet. Secs. 29 & 32. Var. 12° 25' E. |
| 18.00 | Road along Valley course N. of N. |
| 23.62 | Road along Valley course N. of N. |
| 25.23 | Road along Valley course N. E. |
| 32.09 | Road along Valley course N of N. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 48.78 | A. T. & S. F. Rail Road course E of S. |
| 71.00 | San Pedro River 100 lks wide course N. |
| 72.38 | Ditch & bluff Bank course N. |
| 79.96 | Intersect N & S line, 9 lks. N. of cor. to Secs. 28. 29. 32 & 33. Thence Down |
| | N 89° 56' W. on a true line, bet. Secs. 29 & 32. with same va. |
| 39.98 | Set a post 2 ft long, 3 ins. square with marked stone 12 ins. |

Subdivisions T. 18 S. R. 21 E. continued

chains.

in the ground, for 1/4 Sec. cor.
marked 1/4 S. on N. face, dug
pits 18+18+12 ins. E+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. from which
a Mesquite stump 12 ins. diam. bears N. 18 1/2° W. 362 links dist.
79.96 Pk cor. to Secs. 29. 30. 31+32.
Land flat.
Soil good
No timber.

---

West on a random line, bet.
Secs. 30+31.
Var. 12° 25' E.
40.00 Set temporary 1/4 Sec. cor.
79.00 Intersect W. Boundary of

Subdivisions. T. 18 S. R 21. E. continued

| chains. | |
|---|---|
| | township. 25 lks. N. of cor. to secs. 25. 30. 31 & 36. which is a post 3 ins square firmly set in mound of earth 2 ft high, with pits 24+12+12 ins. all established as per instructions of old Manual. |
| | Thence I mn. |
| | N. 89° 49' E. on a true line, bet. Secs. 30 & 31. with same va. |
| 39.00. | 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 N. face dug pits 18+18+12 ins. E. & W. of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft high, 3 1/2 ft. base mound |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | post. |
| 79.00 | Phy cor. to Secs. 29. 30. 31 + 32. |
| | Land ascending gently W. |
| | Soil good |
| | No timber. |
| | --- |
| | North bet. Secs. 29 + 30. |
| | Var. 12° 25' E. |
| 16.00 | Gully 10 lks wide, course E. |
| 22.30 | Road from Contention etc course |
| | N. W. |
| 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 + 18 + 12 ins. N + S. of |
| | post, 5 1/2 ft. dist. and raised |

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | a mound of earth 1 1/2 ft high, 3 1/2 ft. base, around post. a little loghouse on top of Knoll bs. N. 47 1/2° E. about 25 chs. dist. |
| 80.00 | Set a post 4 ft long, 4 ins. square with marked stone 12 ins. in the ground, for cor. to Secs. 19. 20. 29 & 30 marked T. 18 S. S. 20 on N. E. R. 21 S. S. 29 on S. E. S. 30 on S. W. and S. 19 on N. W. faces. with 2 notches on S. and 5 notches on East edges, dug pits 18 & 18 & 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. from which |

Subdivisions T. 18 S. R. 21 E. continued

Chains

a Mesquite 3 ins. diam. bs. S. 12° E. 96 lks. dist.
marked T. 18 S. R. 21. E. S. 29. B. T.
a Mesquite 3 ins. diam. bs. S. 7° W. 66 lks. dist.
marked T. 18 S. R. 21 E. S. 30 B. T.
Land plain sloping a little
E. Soil good
No timber.

---

East on a random line, bet. Secs.
20 & 29.
Var. 12° 25' E.

11.25 Road along Valley from Contention etc. to Benson. etc. course N.
14.40 Road course N.
28.50. Low ridge extending N & S.
36.40 Low ridge extending N. & S.
descend into Bottom

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| 40.00 | Set temporary 1/4 Sec. cor. |
| 41.38 | A. T. & S. F. Railroad up the San Pedro River course S & then S.W. |
| 55.50 | Enter swampy ground extends N. |
| 59.27 | Ditch course N. E. |
| 65.34 | Ditch course N. E. & leave swamp. |
| 80.09 | Intersect N & S. line 14 lks. N. of cor. to secs. 20. 21. 28 & 29. |
| | Thence 9 mm. |
| | N. 89° 54' W. on a true line bet. Secs. 20 & 29, same va. |
| 40.04 | Set a post 2 ft long 2 ins. square, with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, dug pit 18 + 18 + 12 ins. E & W. of post, 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft |

Subdivisions T. 18 S. R. 21 E. continued

chains

high, 3½ ft. base, around post.

80.09 The cor. to Secs. 19. 20. 29 & 30.
Land descending a little E.
Soil good
No timber.

---

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

Var. 12° 25' E.

40.00 Set temporary 1/4 Sec. cor.

79.18 Intersect West boundary of township. 28 lks. N. of cor. to secs. 19. 24. 25 & 30. which is a post, marked & notched, 3 ins. square, set in mound of earth 2 ft. high, with pits 18 & 18 & 12 ins. all established as per instruction

Subdivision T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | of old Manual, |
| | Thence Down. |
| | N. 89° 48' E. on a true line, bet. |
| | secs. 19 & 30. with same va. |
| 39.18 | Set a post 2 ft long, 3 ins. square, |
| | with marked stone 12 ins. in |
| | the ground, for 1/4 sec. cor. marked |
| | 1/4 S. on N. face. dug pits 18 & |
| | 18 & 12 ins. E & 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. from which. |
| | a Mesquite 4 ins. diam. bro. N. 35 1/2° E. 188 lks. dist. |
| | marked 1/4 S. B. T. |
| | a Mesquite 3 ins. diam. bro. S. 18 1/2° W. 52 lks. dist. |
| | marked 1/4 S. B. T. |
| 79.18 | The cor. to Secs. 19. 20. 29 & 30. |
| | Land ascending a little N. |

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | Soil good, |
| | No timber, some brush. |
| | --- |
| | North bet. Secs. 19 & 20. |
| | Var. 12° 25' E. |
| 39.80 | Old Road course E & W. |
| 40.00 | Set a post 2 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 + 18 + 12 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. from which a log house bs East. about 12 chs. |
| 74.40 | Road along valley to Benson etc. course N. W. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| 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 & 20. marked T. 18 S. S. 17 on N. E. R. 21 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. dug pits 18+18+12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft base, around post. |
| | Land plain descending a little E. |
| | Soil good |
| | No timber, brush on S. end. |

December 16. 1881.

Subdivision T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | East on a random line, bet. Secs. 17 & 20. Var. 12° 25' E. |
| 23.00 | Road to Benson etc course E. & W. |
| 35.45 | A. T. & S. F. Railroad course N. & S. |
| 38.00 | Leave flat & ascend hill. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 50.20 | Top of hill 75 ft high & descend |
| 53.60 | Bottom hill & enter flat. |
| 66.62 | Ditch course N. |
| 80.07 | Intersect N. & S. line 21 lks. N. of cor. to Secs. 16. 17. 20 & 21. |
| | Thence Down N. 89° 51 W. on a true line, bet. Secs. 17 & 20. with same va. |
| 40.03 | Set a post 3 ft. long. 3 ins. square with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | 1/4 S. on N. face, dug pits 18+18+ 12 ins. E + 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, |
| 80.07 | The cor. to Secs. 17. 18. 19 + 20. Land mostly flat, except where line passes over hill. Soil good in flat No timber. |
| | West on a random line, bet. Secs. 18 + 19. Var. 12° 25' E. |
| 2.70 | Road along valley to Benson etc course W of N. |
| 40.00 | Set temporary 1/4 Sec. cor. |

Subdivision T. 18 S. R. 21 E. continued

chains.

79.28 Intersect west Boundary of Tps. 46 lks. N. of cor. to Secs. 13. 18. 19 & 24 which is a post, marked & notched, 3 ins square, set in mound of earth 2 ft. high, with pits 24 + 12 + 12 ins. all established as per instructions of old Manual

Thence 2 mn

N. 89° 4 0' E. on a true line, bet. secs. 18 & 19, with same on.

39.28 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 N face, dug pits 18 + 18 + 12 ins. E & W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base,

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | around post. |
| 79.28 | The cor. to Secs. 17. 18. 19 & 20. Land level plain ascending gently W. Soil good No timber. |
| | North bet. Secs. 17 & 18. Var. 12° 25' 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 & 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. |

Subdivision T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| 45.00 | Leave flat & rise on E. point of hills. |
| 70.00 | Descend from hills course N. W. |
| 72.00 | Enter Bottom course N. W. |
| 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 & 18. marked — T. 18 S. S. 8 on N. E. R. 21 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 + 18 + 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. from which |

Subdivisions T. 18 S. R. 21 E. continued

chains.

a Mesquite 2 ins. diam. bs. S. 6° W. 80 lks. dist.
marked. T. 18. S. R. 21 E. S. 18. B. T.
"no other trees within limits."
Land flat, then over broken
hills, Good soil in flat.
No timber.

---

East on random line bet. Secs.
8 & 17.
Var. 12° 25' E.

19.00 Road along valley to Benson
cts course W of N.

21.53 A. T. & S. F. Railroad up the
San Pedro River course E of S.

40.00 Set temporary 1/4 Sec. cor.

42.40 Dry gulch 20 lks wide course N. into River

47.18 San Pedro River 100 lks wide

Subdivision T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | course N. W. chain across |
| 53.59 | Irrigating Ditch, course N. |
| 53.63 | Fence N & S. & enter enclosure, |
| 65.47 | Telegraph line, Tombstone & Benson, |
| 80.11 | Intersect N & S. line 13 lks N. of |
| | cor. to secs. 8. 9. 16. & 17. |
| | Thence Down |
| | N. 89° 54 W. on a true line, |
| | bet. Secs. 8 & 17. with same va. |
| 40.05 | 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 N face, |
| | dug pits 18 + 18 + 12 ins. E & 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 |
| | from which |

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | a Mesquite 4 ins. diam brs S. 30° E. 67 lks. dist. |
| | marked 1/4 S. B. T. |
| | a Mesquite 2 ins. diam. brs. N. 10° W. 21 lks. dist. |
| | marked 1/4 S. B. T. |
| 80.11 | The cor. to Secs 7. 8. 17 & 18. |
| | Land flat. |
| | Soil good |
| | Scattering Mesquite trees. |
| | & brush. |

---

| | |
|---|---|
| | West on a random line, bet. |
| | Secs. 7 & 18. |
| | Var. 12° 25' E. |
| 39.74 | Road along valley to Benson |
| | etc course N. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 70.00 | Leave valley & ascend Mesa |
| | land. |

Subdivision T. 18 S. R. 21 E. continued

chains

79.05 Intersect West boundary of township 30 lks N. of cor. to Secs. 7. 12. 13 & 18. which is a post marked & notched 3 ins. square set in mound of earth 2 ft high, with pits 24 × 12 × 12 ins. all established as per instructions of old Manual,

Thence Down

N. 89° 47' E. on a true line, bet. Secs. 7 & 18. with same va.

39.05 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 N. face, dug pits 18 × 18 × 12 ins. E & 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

Subdivisions T. 18 S. R. 21 E. continued

chains.

from which.
a Mesquite 6 ins. diam. bs. S. 83¼° W. 29 lks. dist.
marked 1/4 S. B. T.
no other trees within limits.
79.05 The cor. to Secs. 7. 8. 17 & 18
Land mostly in valley.
Soil good
Scattering trees.

---

North bet. Secs. 7 & 8.
Var. 12° 25' E.

40.00 Set a post, 2 ft long, 3 ins square, with marked stone, 12 ins. in the ground for c/4 sec. cor., marked 1/4 S. on W. face; dug pits, 18 + 18 + 12 ins. N & S. of post 5½ ft. dist., and raised a mound of earth,

Subdivisions T. 18 S. R. 21 E. continued

| chains | |
|---|---|
| | 1½ ft high, 3½ ft. base around post a Station house & corral bear. N. 29° E. about 25 chs. dist. |
| 56.60 | Top of little ridge of mesa |
| 68.00 | Road along valley to Benson ~~etc.~~ course N. W. |
| 73.23 | A. T. & S. F. Railroad up the San Pedro course E of S. |
| 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 & 8. marked T. 18 S. S. 5 on N. E. R. 21 E. S. 8 on S. E. S. 7 on S. W. and S. 6 on N. W. faces, with 5 notches on S. and E. edges, dug pits 18 + 18 + 12 ins. in each |

Subdivisions T. 18 S. R. 21 E. continued -

chains.

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

a Mesquite 3 ins. diam. bs. N. 7 1/2° E. 53 lks. dist. marked T. 18 S. R. 21 E. S. 5. B. T.

a Mesquite 4 ins. diam. bs. S. 45° E. 117 lks. dist. marked T. 18 S. R. 21 E. S. 8. B. T.

a Mesquite 5 ins. diam. bs. S. 87° W. 265 lks. dist. marked T. 18 S. R. 21 E. S. 7. B. T.

no other trees within limit.

Land level

Soil good

No timber.

---

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

Var. 12° 25' E.

Subdivision T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| 14.00 | San Pedro River 70 lks wide course N. W. chain across. |
| 19.00 | Telegraph line from Tombstone to Benson course N. W. |
| 40.00 | Set temporary 1/4 Sec. cor. |
| 40.24 | Road along valley course N. W. |
| 46.18 | Road along valley course N. W. |
| 73.28 | Road along valley course N. W. |
| 79.94 | Intersected N & S. line, 8 lks N. of cor. to Secs. 4. 5. 8. 9. Thence I run N. 89° 57' W. on a true line, bet. Secs. 5 & 8. with same var. |
| 39.97 | 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 N. face, dug pits 18 + 18 + 12 ins. E & W. of post, 5 1/2 ft. dist. and raised a mound of |

Subdivision T. 18 S. R. 21 E. continued

| chains. | |
|---|---|
| | earth, 1½ ft. high, 3½ ft. base, around post. (This is alongside of road) |
| 79.94 | The cor. to Secs. 5. 6. 7 & 8. |
| | Land ascending on W. of River. |
| | On E. side of River land is flat, |
| | Soil good |
| | Some Mesquite trees on W. end. |
| | --- |
| | West on a random line, bet. Secs. 6 & 7. |
| | Var. 12° 25' E. |
| 1.15 | A. T. & S. F. Railroad up the San Pedro River course S. E. |
| 5.50 | Stage road from Tombstone to Benson leave bottom and ascend Mesa |
| 7.28 | Top of Mesa |

Subdivision T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| 12.74 | Descend from detached, ridge of mesa |
| 15.50 | Foot of ridge, |
| 16.60 | Road from Benson to Tombstone course E & S. |
| 19.00 | Ascend point of Mesa extending N. |
| 26.50 | Top of Mesa, extending N. W. |
| 29.50 | Descend into gulch course N. E. |
| 33.60 | Bottom & gully 20 lks wide course N. E. & ascend |
| 38.20 | Top. |
| 79.10 | Intersect West boundary of township 18 lks N. of cor. to Secs. 1. 6. 7 & 12. which is a post, marked & notched, 3 ins. square, set in mound of earth 2 ft high, with pits 24 × 12 × 12 ins. all established as per instructions of old Manual from which. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains | |
|---|---|
| | a Mesquite 12 ins. dia. brs. N. 50° W. 263 lks. dist. |
| | a Mesquite 8 ins. dia. brs. N. 70½° W. 277 lks. dist. |
| | Thence 9 mn. |
| | N. 89° 52' E. on a true line, bet. |
| | Secs. 6 & 7. with same var. |
| 39.10 | 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 N. face, dug pits, 18 & |
| | 18 & 12 ins. E & W. of post, 5½ ft, |
| | dist. and raised a mound of |
| | earth, 1½ ft. high, 3½ ft. base, |
| | around post. from which |
| | a Mesquite 12 ins. diam. brs. N. 85° W. 136 lks. dist. |
| | marked 1/4 S. B. T. |
| 79.10 | The cor. to Secs. 5. 6. 7 & 8. |
| | Land broken after leaving |
| | Bottom. |

Subdivisions T. 18 S. R. 21 E. continued

| Chains. | |
|---|---|
| | Soil 2d & 3d rate<br>No timber. |
| | North on a random line, bet. Secs. 5 & 6.<br>Var. 12° 25' E. |
| 12.78 | San Pedro River 100 lks wide course W of N. chain across. |
| 17.00 | Telegraph line, from Tombstone to Benson course N. W. |
| 40.00 | Set temporary 1/4 Sec. Cor. |
| 46.00 | Road along Valley to Benson etc. course N. W. |
| 80.12 | Intersect N. Boundary of township. 2 lks E. of cor. to Secs. 5. 6. 31 & 32. which is a post, marked & notched, 3 ins. square, set in |

Subdivisions T. 18 S. R. 21 E. continued

chains.

mound of earth 2 ft. high,
with pits 24 x 18 x 18. all established
as per instructions. of old
Manual
Thence 8 rem.
S. 0° 04' E. on a true line,
bet. secs. 5 & 6. with same va.
40.12 Set a post 4 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. & 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. from which
a Mesquite 3 ins. diam. bears N. 8 1/2° E. 121 lks. dist.
marked 1/4 S. B. T.
80.12 The cor. to Secs. 5. 6. 7 & 8.
Land level, Soil good.
Scattering Mesquite trees, & brush.

December 17. 1881.

Subs. (1) San Pedro



Subdivision — Township 18 S. R. 21 E.
Gila and Salt River Meridian

General Description:

Township 18 S. R. 21 E. lies along the valley of the San Pedro Valley. There is much good land along the valley and many settlers upon it, notably a large settlement of Mormons in Section 16. A Branch of the A. T. & S. F. Railroad passes along the valley from Benson to Calabasas etc. The eastern part of the township is on mesa & hill land and is good for grazing. No timber.

Theodore H. White
U. S. Deputy Surveyor.

Dup. (1)



# List of Names.

Tp. 18 S. R. 21 E

San Pedro

*A List of the Names of Individuals employed by* Theo. F. White *U. S. deputy surveyor, to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey of* Subdivision lines of T. 18 S. R. 21 E. Gila and Salt River Meridian & base lines.

*Showing the respective capacities in which they acted.*

J. H. McClure *Chainman.*

J. O. Ford *Chainman.*

John Blake *Axeman.*

Samuel H. Van Pelt *Flagman.*

123

# Final Oath of Assistants.

BOOK 889

*We hereby certify that we assisted* Theodore F. White *U. S. Deputy Surveyor, in surveying all those parts or portions of* the subdivision lines of T. 18 S. R. 21. E. Gila and Salt River Meridian and Base lines. —

*as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Arizona.*

McClure — J. H. McClure *Chainman.*
Ford — J. C. Ford *Chainman.*
Blake — John Blake *Axeman*
Faulkner — ~~Axeman.~~ *Flagman*
Moyant — ~~Flagman.~~ *Mound man*
Schwarz — ~~Mound man~~ *Mound man*

*Sworn to and subscribed before me, this* 23rd *day of* January *,188*2

Paul Riecker
Notary Public Pima County, Arizona

# Final Oath of Deputy Surveyor.



I, Theodore F. White,

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John Wasson, United States Surveyor-General for Arizona, bearing date the 5th day of December 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of the Subdivision lines, of T. 18 S. R. 21. E. Gila and Salt River Base and Meridian lines.

as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual, printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the

125

*field notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846*

Theodore F. White

*U. S. Deputy Surveyor.*

*Sworn to and subscribed before me this* 23rd *day of* January, *1882*

Paul Riecker
Notary Public Pima
County Arizona.

126

BOOK 889

U. S. Surveyor General's Office,
Tucson, Arizona, April 19, 1882

The foregoing Field Notes of the survey of

the subdivisions of Township 18 S.
R. 21 East

of the Gila and Salt River Base and Meridian, Arizona, executed by Thos. D. White, D. S., under his contract of the 17th day of October, 1881, having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

John Wasson
Surveyor General.