

made Book no 15

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BOOK 1669

See Index  
**Field Notes**

Retracement  
OF THE SURVEY OF

The Principal Meridian  
through

BOOK 1669

Townships 21, 22 & 23 N,

1669

Gila and Salt River Base and Meridian

**ARIZONA.**

By J. T. Smith D. S.

Under contract dated July 24 1883.

Survey commenced Oct. 6<sup>th</sup> 1883.

Survey completed Oct. 7<sup>th</sup> 1883.

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# Retacement

Principal Meridian  
through

Townships 21, 22, & 23 North.

|               |    |
|---------------|----|
| Through T. 21 | 1  |
| 22            | 12 |
| 23.           | 22 |

## BOOK 1669

|                               |                                |                                |
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| 1 9 6                         | 1 20 6                         | 1 31 6                         |
| 12 8 7                        | 12 19 7                        | 12 29 7                        |
| S. 21 <sup>21</sup> , 13 6 18 | S. 22 <sup>22</sup> , 13 17 18 | S. 23 <sup>23</sup> , 13 28 18 |
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- For preliminary oaths  
see first book (No. 1 )  
of survey, - also  
description of instrument

Survey commenced Oct. 16<sup>th</sup> 1813  
" completed " 17 1813

1669

BOOK 1669


B

# Retracement of Principal Meridian through Tps. 21. N.

chains Beginning at the 5<sup>th</sup>  
Standard N., at cor. to  
Tps 21 N. R. 1. E. & 1. W, a  
post firmly set in the  
ground & properly mark-  
ed, as previously described  
by me, I run  
North, bet. Secs. 31 & 36,  
var.  $14^{\circ} 15' E.$

- 7.00 Ascend bluff of rock  
Top of bluff, brs. N. W. & S. E.,  
ascend
- 25.00 Top of another bluff, brs  
E. & W.
- 39.84 To a point 14 lks. East-  
of  $\frac{1}{4}$  sec. cor. a sandstone  
 $9 \times 5$  ins, set firmly in  
ground, marked  $\frac{1}{4}$  on  
w. face, and mound  
of stone alongside,

Retracement of Principal Meridian through Twp. 21, N.

| Chains |                                                                                                                                                                                                                                                                                                                                                        |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 49.00  | Top w. end of mountains, thence along w. slope                                                                                                                                                                                                                                                                                                         |
| 51.00  | Descend into cañon                                                                                                                                                                                                                                                                                                                                     |
| 59.00  | Ravine, course S.W.                                                                                                                                                                                                                                                                                                                                    |
| 74.60  | Bottom of cañon course S.W. - ascend -                                                                                                                                                                                                                                                                                                                 |
| 80.10  | cor. to sec's. 25, 30, 31 & 36<br>a malpais rock in place,<br>2x2 feet above ground,<br>marked  with<br>5 notches on N. & 1 notch<br>on S. edges & mound<br>of stone alongside<br>Surface Mountainous<br>Soil 4 <sup>th</sup> rate<br>Dense oak & brush<br>Grass fair |

Retracement of Principal Meridian  
through Tps. 21, N,

chain Thence, N, bet.

See's, 25 x 30,

Var.  $14^{\circ} 15' E$ ,

Ascending

10.00 Top of mountain ridge  
descend

16.00 Ravine, course S.W, ascend

27.00 Top of mountain ridge  
bis. E. x. W,

28.00 descend

40.00  $\frac{1}{4}$  sec. cor. a malpais  
rock  $8 \times 4$  ins, set firmly  
in ground, marked  
 $\frac{1}{4}$  on W. face and  
mound of stone alongside,

a cedar tree 7 ins. dia.  $\frac{1}{4}$  S. B. T.  
bis. S. E. 64 lks. marked

53.80 descend over bluff rock  
50 ft. high, bis. N. E. & S. W.

# Retracement of Principal Meridian through Tls. 21. N.

chains

68.59 Bottom of cañon,  
course S. W. ascend,  
77.00 Bluff of rock 50 ft. high,  
N. E. & S. W. -

80.10 Cor. to sees. 19, 24, 25, & 30,  
a malpais rock 18 x 3  
ins. set firmly in  
ground, marked  
with 4 nolets on N,  
& 2 nolets on S. edges  
and mound of stone  
alongside.

Surface mountainous  
dense oak & cedar brush  
grass fair,

Thence, N. -  
bet. sees. 19 & 24  
Var. 14° 15' E.

# Retracement of Principal Meridian through obs. 21, N.

- chains, ascending
- 20.00 Top of mountain  
ridge, bears E. & W.
- 26.00 Descend over bluff of  
rocks 40 ft. into cañon,
- 30.00 Enter scattering pine
- 34.50 Bottom of cañon obs. N. E.
- 40.08  $\frac{1}{4}$  sec. cor. a malpais  
rock 16 x 14 ins. set firmly  
in ground, marked  
 $\frac{1}{4}$  on W. face and  
mound of stone alongside,  
a Pine 18 ins. in dia,  
obs. N. W. 12 lks.  $\frac{1}{4}$  S. B.  $\frac{1}{4}$  N.  
Descend
- 56.00 Descend into cañon
- 65.00 Bottom of wash 350 ft.  
deep, course N. W.
- 80.06 Cor. to obs. 13, 18, 19, 24.



Retracement of Principal Meridian  
through the 21 N.

Chains,

a malpais stone 8x6 ins.  
15 lks. E. of line, firmly  
set in ground, marked  
with 3 notches on N. &  
S. edges and mound  
of stone alongside  
surface mountainous  
Soil 3<sup>rd</sup> rate  
Dense undergrowth  
Grass fair

Thence N.

bet. Bees. 13 & 18,

Var.  $14^{\circ} 15' E.$

Ascend rocky bluff 48 ft,  
high, bis. E. & W.

- 1,00 Top of bluff  
15,00 Top of ridge & descend  
40,10 To point 14 lks. east

Retracement of Principal Meridian  
through sps. 21, N,  
chain.

of  $\frac{1}{4}$  sec. cor. a malpais  
rock 12 x 6 ins, set firmly  
in ground, marked  $\frac{1}{4}$   
on w. face and mound  
of stone alongside

55.56 Bottoms of canon,  
course S.W. & ascend

62.53 Bluff of rock 40 ft. high  
course N.E. & S.W.

79.94 cor. to secs. 7, 12, 13 & 18.  
8 lks. west of line, a  
malpais rock 14 x 6 ins,  
set firmly in ground,  
marked with 2 notches  
on N. & 4 notches on  
S. edges, and mound of  
stone alongside  
Surface Mountainous  
Soil 3<sup>rd</sup> rate. Use oak brush

# Retracement of Principal Meridian through Tps 21, U,

charts.

Thence N, bet. Sec's 7 & 12  
var.  $14^{\circ} 15' E$ ,

Ascending

6.00 Top of mountain tps,  
E. & W. Descend

14.00 Enter valley tps, E. & W.

29.36 Road, tps N. E. & S. W.

40.10 To point - 64 lks. west  
of  $\frac{1}{4}$  sec. cor. a malpais  
stone  $14 \times 8$  ins. set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face  
and mound of stone  
alongside.

A cedar tree 12 in. dia,  
tps S.  $30^{\circ} W.$  marked.

48.00 Descend into canon

79.40 Bottom of canon  
course W. Ascend.

# Retracement of Principal Meridian through Tps. 21, N.

chains

80,10 Cor. to sees. 1, 6, 7, & 12,  
a sandstone 12 x 3 ins,  
set firmly in ground,  
marked with one notch  
on N. & 5 notches on S,  
edges, and mound of  
stone alongside.  
A Juniper tree, 12 ins.  
marked S. 21, N. R. 1 E. 1<sup>0</sup> 7<sup>0</sup> 13<sup>0</sup> 19<sup>0</sup>  
dia, brs. S. 87 $\frac{1}{2}$  E. 54 lks.  
Surface mountainous  
Soil 3<sup>rd</sup> rate  
Bluish oak & buck brush  
Scattering Juniper  
Good Grass

Thence. N.  
bet. sees. 1 and 6  
var. 14° 15' E,  
Ascend.

Retracement of Principal Meridian  
through Tps. 21, N,  
chains

11.00 ridge of rocks 40 ft. high  
trs. E. & W.

18.00 Top of mountain,  
trs. E. & W, thence across  
same

40.28 To point 6 lks. E. of  
 $\frac{1}{4}$  sec. cor. a malfais  
stone 12 x 6 ins, set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face,  
and with mound  
of stone alongside.

80.25 To point 8 lks. west  
of cor. to Tps 21 x 22  
N. R's. 1. E. & 1. W, a  
post set firmly in  
ground, marked  
T. 22 N. S. 31. on N. E.  
R. 1. E. Q 6. on S. E.

Retracement of Principal Meridian  
through Tps. 21, W,  
chains

S. 21, N. B. 1, on S. W, and  
R. 1, W. S. 36, on N. W,  
faces, with 6 notches  
on each edge, and  
mound of stone along  
side.

A Juniper tree, 10 ins. dia,  
brd. N.  $71^{\circ}$  E. <sup>S. 22, N. R. 1, E. S. 31, B. 7,</sup> 226 lks, marked.

Surface Mountainous  
Soil 2<sup>nd</sup> rate  
Scattering Juniper and  
oak brush

Grass fair,

Retracement of Principal Meridian  
through sps. 22, U.

Chains

From the cor. to sps.  
21 & 22 U. R's, 1 E. & 1 W.  
just described, I run  
N. bet. sec's, 31 & 36  
var.  $14^{\circ} 06' E$ ,

- 25.00 Descend into cañon  
40.08  $\frac{1}{4}$  sec. cor. a Malpais  
rock  $8 \times 7$  ins. set firmly  
in ground, marked  
 $\frac{1}{4}$  on W. face and with  
mound of stone along  
side.
- 44.34 Descend abruptly into  
cañon.
- 68.56 Bottom of cañon,  
course W. ascend.
- 70.90 A & P. R.R. trars. E. &  
W. curve.
- 73.40 Bluff of rock 80 ft.

Retracements of Principal Meridian  
through Tps. 22, N.  
chains.

high, E & W.

79.98

To point 20 lks. E. of cor.

To sees, 25, 30, 31, & 36,

a post set firmly in  
ground, marked

S. 22, N. S. 30. on N. E.

R. 1, E. R. 31 on S. E.

S. 36 on S. W. and

S. 25 on N. W. faces, with

5 notches on N. and

1 notch on S. edges, and

with mound of stone

alongside.

A Juniper Tree 12 ins.

marked S. 22, N. R. 1, E. S. 31, R. 3, S. 36,  
dia. hrs. S. 10° E. 18 lks.,

Surface Mountainous

Soil 3<sup>rd</sup> oak

Scattering Juniper

bluse oak brush.



Retracement of Principal Meridian  
through obs. 22, N.  
chains,

Thence I run  
N, bet. Secs. 25 & 30,  
var,  $14^{\circ} 05' E$ ,

Ascending

18,00 Top of mountain, brs. E & W,  
thence across same

23,23 Road brs. N.W. & S.E.

31,33 Another road brs. E & W,

40,25  $\frac{1}{4}$  sec. cor. a maphais  
stone  $14 \times 6$  ins, set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face,  
and with mound of  
stone alongside

A Juniper tree 12 ins,  
dia, brs. <sup>marked  $\frac{1}{4}$  S.  $\frac{1}{4}$  E.</sup> N.  $8^{\circ} E$ , 34 lks.,

80,10 To point 10 lks east of  
cor. to Secs. 19, 24, 25, & 30,  
a maphais stone

Retracement of Principal Meridian  
through Tps. 22, U,  
chains,

10 x 5 ins. set firmly in  
ground, marked with  
4 nolets on N, & 2 nolet  
on S. edges, and with  
mound of stone along  
side,

Surface Mountainous

Soil 2<sup>nd</sup> rate

Scattering Juniper  
Oak & buck brush

Good Grass

Thence I run  
N. bet. Tps. 19 & 24  
Var, 14° 05' E.

27.00 Descend through dense  
cedar & juniper

40.08  $\frac{1}{4}$  sec. cor. a sandstone  
12 x 5 ins. set firmly

Retracement of Principal Meridian  
through Tps, 22, W,  
chains

in ground, marked  $\frac{1}{4}$   
on W. face, and with  
mound of stone  
alongside,

A Cedar tree 14 ins. dia,  
trs. N,  $51^{\circ}$  E, 16 lks  <sup>$\frac{1}{4}$  S. B. T.</sup> marked,

80.00 Cor. to Secs, 13, 18, 19, & 24,

a marble stone 6 x  
5 ins. set firmly in  
ground, marked with  
3 notches on N, & S,  
edges & with mound  
of stone alongside,

A Pine 6 ins. dia  
trs. N,  $64^{\circ}$  E, 68 lks  <sup>$\frac{1}{2}$  S. B. T.</sup> marked,

A Pine 14 ins. dia,  
trs. West  $104^{\circ}$  E, 104 lks  <sup>$\frac{1}{2}$  S. B. T.</sup> marked,

Surface mountainous  
Rail 3<sup>rd</sup> rate

Retracement of Principal Meridian  
through Sp. 22, W.  
bars,

Went underground  
Israso fair.

Thence I run  
N. bet. Secs. 13 & 18  
Var.  $14^{\circ} 05' E$ ,

- .25 Dry wash 25 lks. wide  
course west, - ascend
- 8.00 Top of mountain ridge  
brs. E. & W.
- 12.00 Descend into cañon
- 7.00 Bottom of cañon, course  
west, ascend
- 21.00 Top of mesa, brs. E. & W.
- 40.06  $\frac{1}{4}$  sec. cor. a malpais  
 $\frac{1}{4}$  about 10 x 8 ins, set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face,  
and with mound of

Retracement of Principal Meridian  
through sps. 22, U.  
chains,

53.00  
54.78  
58.00  
79.96

stone alongside,  
Descend into cañon  
Bottom of cañon, course W,  
Top of bluff, brs. E. & W,  
To cor. for Secs. 7, 12, 13 & 18,  
a cedar tree, 10 ins, dia.  
marked

T, 22, U, S, 7, on N, E,  
R, 1, E, O, 18, on S, E,  
S, 13, on S, W, and  
S, 12, on N, W, faces,  
with 2 notches on N  
& 4 notches on S, edges.  
A Cedar 6 ins, dia,  
brs. <sup>T, 22, U, R, 1, E, O, 18, S, E, T</sup> S, E, 10 lks, marked

A Piñon Pine 6 ins, dia,  
brs. N, 45° E, 30 lks.  
marked T, 22, U, R, 1, E,  
S, 7, B, T.

Retracement of Principal Meridian  
through Tps. 22, W,  
Chain

Surface mountainous  
Soil 3<sup>rd</sup> rate  
kluise cedar, & juniper,  
No Grass

Thence I run,  
N. bet. Secs. 7 & 12,  
var.  $14^{\circ} 05' E$ ,

40,04  $\frac{1}{4}$  sec. cor. a malpais  
stone 8x6 ins, set firm-  
ly in ground, marked  
 $\frac{1}{4}$  on W. face, and with  
mound of stone along  
side.

43,00 descend into cañon

50,43 Bottom of cañon 180  
ft. deep, course S. W.  
Ascend

60,00 Top of bluff, thence over

20,  
 Retracement of Principal Meridian  
 through the 22, N  
 chains

79,92 rolling mountain ridges  
 cor. to sec. 1, 6, 7, 8, 12,  
 a malpais stone 12x7  
 ins. set firmly in  
 ground, marked with  
 1 notch on N, & 5 notches  
 on S. edges, and with  
 mounds of stone along-  
 side.

Surface Mountainous

Soil 3<sup>rd</sup> rate

Scattering cedar, less  
 40 chains. 12<sup>th</sup> - 40

chains dense.

Grass fair

Thence I run,

N. bet. Secs. 1 & 6.

var. 140° 06' E,

Tracement of Principal Meridian  
through Tps 22, N.

chain  
40.08

15 lks. west of line,  
 $\frac{1}{4}$  sec. cor. a malpais  
stone  $7 \times 6$  ins. set firmly  
in ground, marked  
 $\frac{1}{4}$  on W. face, and with  
mound of stone along  
side.

79.94

Cor. to Tps 22, & 23 N, R's  
1, E, & 1, W. a malpais  
rock  $20 \times 9$  ins. set firm-  
ly in ground, marked  
with 6 notches on each  
edge, & mound of stone  
alongside.

a Piñon Pine 6 ins. dia,  
trs. N. E. 125 lks, marked

S. 23, N, R. 1 E, S. 31, B. 9,

a Piñon Pine 4 ins. dia,  
trs. S. E. 147 lks, marked  
S. 22, N, R. 1, E, S. 6, B. 9,



2,  
 retracement of Principal Meridian  
 through Tps. 22, N.  
 chains,

A Piñon Pine 7 ins. dia,  
 brs. S. W. 95 lks. marked  
 S, 22, N, R. 1, W, S, 1, B, G,

A Cedar 6 ins. dia,  
 brs. N. 4° W. 97 lks.  
 marked. S, 23, N, R,  
 1, W, S, 36, B, G, —

Surface rolling

Soil 2<sup>nd</sup> val

Heuze Cedar & Piñon Pine,  
 Grass fair,

Oct. 16, 1883,

Tested instrument and  
 solar apparatus today  
 and found them cor-  
 rect. —

tracement of Principal Meridian  
through Tps 23, N.

From the cor. to Tps 22,  
+ 23 N, Rs. 1, E, & 1, W,  
just-described by me,  
I run N,  
bet Res. 31 & 36, var. 14006'E  
+ 0,06 To point - 20 lks. east of  
1/4 sec. cor. a malpais  
stone 10 x 7 ins. set firm-  
ly in ground, marked  
1/4 on W. face, and with  
mound of stone along  
side.

Cedar tree 8 ins. dia,  
bet. West. 7. lks. mark-  
ed 1/4 S, B, S.

50,00 To point - 16 lks. west of  
cor. to Res. 25, 30, 31 & 36,  
a post set firmly in  
ground, and marked

Retracement of Principal Meridian  
through Tps 23, U.  
Chain.

S. 23, U. S. 30, on N. E.

R. 1, E. S. 31, on S. E.

S. 36 on S. W. and

S. 25, on N. W. faces, with  
5 notches on N. and 1  
notch on S. edges.

A Piñon Pine 4 ins. dia,  
trs. West 25 lks, marked

S. 23, U. R. 1, W. B. T.

A Piñon Pine 6 ins. dia,  
trs. East 12 lks, marked

S. 23, U. R. 1, E. B. T.

Surface rolling

Soil 2<sup>nd</sup> rate

kleine Cedar & Piñon

Grass fair

Thence I run

N. bet. Secs. 25 & 30

Retracement of Principal Meridian  
through Tps. 23, W,  
Chain

Var.  $14^{\circ} 16' E$ ,

Begin to ascend

36,00 Top of mountain, hrs,  
E. & W. Descend

39,87 To point - 14 lks. east of  
 $\frac{1}{4}$  sec. cor. a post set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face  
from which a Pinon  
tree 6 ins. dia. bears  
 $N. 8^{\circ} W.$  72 lks, marked  
 $\frac{1}{4} S. B. \&$ .

62,00 Descend into Cañon

66,00 Bottom of Cañon,  
course writ. - ascend,

80,00 Cor. to secs. 19, 24, 25, & 30,  
a malpais stone  $14 \times 10$   
ins. set firmly in ground,  
marked with 4 notches

Retracement of Principal Meridian  
through Tps. 23, W.  
Chains,

on N. & 2 notches on S,  
edges, and with mound  
of stone along side  
Surface Mountainous  
Soil 3<sup>rd</sup> rate  
Scattering cedar & Piñon  
Grass fair

Thence I run  
N, bet. Secs. 19 & 24,  
Var.  $14^{\circ} 05' E$ ,  
Ascend gradually  
4000 To point 8 kts. east of  
 $\frac{1}{4}$  sec. cor. a mark  
stone 8x6 ins, set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face,  
and with mound  
of stone along side

Retracement of Principal Meridian  
through sps. 23, W.

chains.  
80, 08

To point - 20 lks. west of  
cor. to sec. 13, 18, 19 & 24.  
a post set firmly in  
ground, marked  
S, 23, N, S, 18, on N, E,  
R, 1, E, S, 19, on S, E,  
S, 24 on S, W. and  
S, 13, on N, W. faces, with  
3 notches on N, & S,  
edges. from which  
a cedar tree 10 ins. dia.  
hrs. N, E. 40 lks, marked  
S, 23, N, R, 1, E, 2, 18, B, S,  
Surface mountainous  
Soil 2<sup>nd</sup> rate  
Scattering cedar & Pinon  
Grass fair

# Retracement of Principal Meridian through Tps. 23, U,

chains,

Thence I run,  
N, bet. Secs. 13 & 18,  
Var.  $14^{\circ} 06' E$ ,

2,00 Top of mountain, brs.  
E & W, - descend,

26,78 Dry wash, course W,

39,86  $\frac{1}{4}$  sec. cor. a Malpais  
stone 8x5 ins, set  
firmly in ground,  
marked  $\frac{1}{4}$  on W. face,  
& with mound of  
stone alongside

79,91 To point - 10 blks. east of  
cor. to Secs. 7, 12, 13, & 18,  
a Malpais stone 8x5  
ins, set firmly in  
ground, marked  
with 2 notches on N,  
and 4 notches on S,

Retracement of Principal Meridian  
through sps 23, W,  
chains,

edges, & with mound  
of stone along side  
a Piñon Pine 6 ins. dia,  
brs. West 74 lks, marked  
S. 23, N. R. 1, W. B. 9,

A cedar tree 8 ins. dia,  
brs. S. E. 91 lks, marked  
S. 23, N. R. 1, E. S. 18, B. 9,

Surface rolling  
Soil 2<sup>nd</sup> rate  
Heavy Cedar & Piñon Pine,  
Grass fair

Thence down.

N. bet. Secs. 7 & 12

Var.  $14^{\circ} 05' 6''$

40, 48  $\frac{1}{4}$  sec. cor. a Malpais  
stone 7x3 ins. set firm-  
ly in ground, marked



Retracement of Principal Meridian  
through sps. 23, W,  
chains,

$\frac{1}{4}$  on W face, and with  
mound of stone alongside.  
A cedar tree 6 ins. dia,  
brs. S,  $74^{\circ}$  W, marked  
 $\frac{1}{4}$  S, B, T. -

80, 04 To point 14 lks. W. of  
cor. to sec. 1, 6, 7, & 12,  
a marble stone 8 x 4 ins.  
set firmly in ground,  
marked with 1 notch  
on N, & 5 notches on S,  
edges, & with mound  
of stone alongside  
A cedar tree 6 ins.  
dia, brs. S,  $72^{\circ}$  W, 30 lks,  
marked S, 23, N, R, 1, W,  
S, 12, B, T.

A cedar 8 ins dia, brs. S,  $12^{\circ}$  E, 23 lks,  
marked S, 23 N, R, 1, E, S, 7, B, T.

Retracement of Principal Meridian  
through Tps 23, N.  
chains.

Surface level  
Soil 3<sup>rd</sup> rate  
Muss cedar & Pison Pine  
Grass fair.

Thence I run  
N. bet. res. 1. & 6.

var.  $14^{\circ} 15' E$ .

40,00  $\frac{1}{4}$  sec. cor. a post firmly  
set in ground, marked  
 $\frac{1}{4}$  on W face, and with  
mound of stone alongside  
A cedar tree 12 ins. dia,  
brs. N. E. 31 lks, marked  
 $\frac{1}{4}$  S. B. T.

76,00 Descend

80,00 Cor. to Tps. 23 & 24, N.  
R's, 1, E, & 1, W, a  
post set firmly in

# Retracement of Principal Meridian through Txs 23 W,

Ground, marked.

T. 24 N. S. 31, on N. E,

R. 1. E. Q. 6, on S. E.

T. 23, N. S. 1, on S. W. and

R. 1. W. S. 36, on N. W. faces,

with 6 notches on  
each edge, and with

mound of stone along

side, from which

A cedar 8 ins. dia. brs,

N. E. 11 lks, marked

T. 24, N. R. 1. E. S. 31, B. T.

A cedar 9 ins. dia. brs,

S. E. 50 lks, marked

T. 23, N. R. 1. E. Q. 6, B. T.

A cedar 8 ins. dia. brs,

west 13 lks, marked

R. 1. W. B. T.

Surface level

Retracement of Principal Meridian  
through Tps 23 W.

Soil 4<sup>th</sup> rate  
New cedar & Piñon Pine  
No. 1 brass

Oct. 17<sup>th</sup>, 1883

Examined instrument  
and solar apparatus  
today & found them  
correct.

For final oaths see  
last book. (No. 28)  
of survey.

U. S. Surveyor General's Office,

Tucson, Arizona, \_\_\_\_\_ 188

The foregoing Field Notes of ~~the Survey of the~~

Retracement of the Principal  
Meridian, through Townships  
21, 22 and 23 North

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by \_\_\_\_\_ J. Smith

Deputy Surveyor (under his contract of the \_\_\_\_\_ 24<sup>th</sup>.  
day of \_\_\_\_\_ July \_\_\_\_\_, 1883, 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 Johnson  
Surveyor General.