1437

No. 1437

4-671

FIELD NOTES
GENERAL LAND OFFICE.

No. 1437

Rec'd
Oct 29/02 Jacobs letter Oct 27.

(copied by E. V. Jan'y 21-03)

Compared M & L. 7/30/03.

Trans. C. L O. Aug. 11/03.

Dec. sheet copied C. L M.
" " Comp. C. M & M. Is.

Plats. 2nd time W O O. 11/28/03.

Field Notes

of the survey

of the

East and North Boundaries

of

Township N° 23, North

Range, 9, East

of the

Gila and Salt River

Base and Meridian

in the

Territory of Arizona

as surveyed by

Francis B. Jacobs
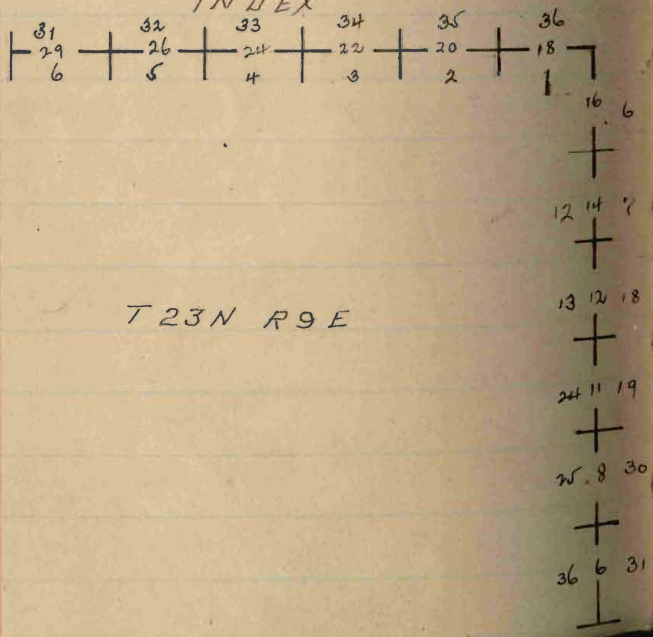
U.S. Deputy Surveyor

under his

Contract N°

Dated

Survey commenced Sept. 10 —— 1902

Survey completed Sept 14 — 1902

Names and duties of Assistants

Alfred J. McMillan   Chainman

Sylvester Luflin   Chainman

Joseph O. Landers   Moundman

E. Van Zant Lybrook   Axeman

William M. Wilson   Axeman

Harry M. Havens   Flagman

BOOK 1437

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```
                                    16   6
                                     +
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                               13  12  18
                                     +
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                                     +
                               25 . 8  30
                                     +
                               36   6  31
```

T 23 N   R 9 E

EAST BOUNDARY OF T. 23. N. R. 9. E.

Chnx

Survey commenced
and executed with a Gurley light
mountain transit n°   with
Burt Solar Attachment
The instrument was examined, tested on
the true meridian at Tucson

Arizona, found correct, and
was approved by the Surveyor
General for Arizona Jan. 7th 1902.
I examine the adjustments of the transit
and correct the level and collimation
Errors; then to test the solar appa-
ratus by comparing its indications,
resulting from solar observations made
during A.M. and P.M. hours with a
true meridian determined by ob-
servations on Polaris, I proceed as
follows:
September 10th 1902; At the cor. of

Chns

Tps. 22 and 23 N. Rs. 9 and 10, E.
latitude 35° 19' N, longitude 111° 11' 47"
W at 4 hrs 10 m P. M., l. m. t., I set
off 35° 18'   on the lat. arc; 5° 04' 5°.02'
N on the decl. arc, and determine
with the solar a true meridian
and mark a point thereof on a stone
set firmly in the ground

At 7 h 59 m P. M. by my watch,
which is correct l. m. t., I observe
Polaris at eastern elongation, in
accordance with Manual of Instructions,
and mark a point on the line thus
determined on a plug driven in the
ground

September 16 th, 1902., At 8 h 0 m a. m.,
l. m. t., I lay off the azimuth of
Polaris, 1° 29' to the W, and mark

T. 23. N. R. 9. E.

Chns

✗

the true meridian thus determined,
cutting a small groove in the stone
set Sept. 10th , on which the true
meridian falls 0.3 of an inch w of
the mark determined by the solar
At 8h l.m.N., I set off 35° 18'
on latitude arc., 4° 47' N on dec.
arc., and mark a point in the true
Meridian determined with the solar
by a cross on the stone already
set 500ft North of my station;
this mark falls 0.3 ins W. of the
true meridian established by the
Polaris observation

The solar apparatus by A.M., and
P.m. observations defines positions
for true meridians about 16" E and
16" W of the true meridian
Established by Polaris observations;
therefore, I conclude the

Chns	
	adjustments of my instrument are satisfactory.
	The magnetic bearing of the true meridian at 8 A.M., is N. 14°43' W , the angle thus determined reduced by the table on Page 100 gives the mean Mag. decl. 14°40 E
	From the cor of Tps 22 and 23, N. Rs 9. 10, E., I run North, between Secs 31 and 36 Over mountainous land Through dense undergrowth Descend
30,00	Wash flat course S. and E. Ascend Cinder hill
40,00	Set a Volcanic Stone, 20 x 10 x 5. ins, 15 ins in the ground, for 1/4 Sec, cor., marked 1/4 on N face, from which

T. 23. N.   R. 9. E.

Chns	A pine, 14 ins in diam., bears S. 83¾° E., 61 lks dist., marked
	¼ S. 31. B.T.
	A pine, 12 ins. in diam., bears N. 73° W., 147 lks dist., marked
	¼ S. 36. B.T.
67.50	High ridge bears E. and W.
	Descend
79.00	Bottom of ridge
80.00	Set a Volcanic Stone, 18 x 8 x 6 ins. 12 ins. in the ground, for cor. of Secs. 25, 30, 31 and 36, marked with 1 notch on the S and 5 notches on N edge from which
	A pine, 48 ins. in diam., bears N. 26° E., 277 lks dist., marked
	T. 23. N. R. 10 E. S. 30. B.T.
	A pine, 36 ins. in diam., bears S. 33° E., 304 lks dist., marked
	T. 23. N. R. 10. E. S. 31. B.T.
+	A pine, 6 ins. in diam., bears

EAST BOUNDARY OF

Chns	S. 47° W., 432. lks dist., marked
	T. 23. N. R. 9. E. S. 36. B.T.
	A pine, 36 ins. in diam., bears N.
	10½° W., 349 lks dist., marked
	T. 23. N. R. 9. E. S. 25. B.T.
	Land, mountainous
	Soil, 4° rate
	Timber, Pine
	Mountainous land and dense
	undergrowth. 80 Chns
	North, bet. Secs. 25 and 30
	Over mountainous land
	Through heavy timber
1.00	Ascend
11.30	Top of Knoll
	Descend
13.00	Bottom of Knoll

T. 23. N.   R. 9. E.

Chns	Ascend
37.00	High ridge bears. E. and W.
	Descend very steep ridge
40.00	Set a lava stone, 24 x 16 x 4 ins.

18 ins in the ground, for 1/4 Sec.
cor., marked 1/4 on W. face,
from which

A pine, 10 ins. in diam., bears
S. 48 1/4° E., 42 lks dist., marked
, 1/4 S. 30. B. T.

A pine, 10 ins. in diam., bears S.
64 1/4° W., 21 lks dist., marked
1/4 S. 25. B. T.

| 72.00 | Bottom of Ridge |
| 80.00 | Set a lava stone, 24 x 8 x 4 ins., 18 |

ins. in the ground, for cor. of Secs.
19, 24, 25 and 30, marked with
2 notches on S., and 4 notches on
N. edges, from which

A pine, 14 ins. in diam., bears

Chns	

S. 41° E., 46 lks dist., marked
T. 23. N. R. 10. E. S. 30. B. T.
A pine, 16 ins. in diam., bears
S. 59½° W., 121 lks. dist., marked
T. 23. N. R. 9. E. S. 25. B. T.
A pine, 12 ins. in diam., bears
N. 59½° W., 140 lks dist., marked
T. 23. N. R. 9. E. S. 24. B. T
No other tree within limit

Land, mountainous
Soil, 4" rate
Timber, pine.
Mountainous and heavily
timbered land   8000 chns

September 11th 1902

T. 23. N. R. 9 E.

Chns.	
	North, bet. Secs 19 and 24
	Over broken land
	Through Lava beds
40.00	Set a Lava Stone, 30 x 14 x 4 ins., 23 ins in the ground, for 1/4 sec. cor., marked 1/4 on W. face, dig pits 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft high, W. of cor.
80.00	Set a Lava Stone, 16 x 8 x 6 ins. 11 ins in the ground, for the cor. of Secs. 13, 18, 19 and 24., marked with 3 notches on N. and S edges, from which
	A cedar, 7 ins in diam. bears N. 37° E., 37 lks dist., marked T. 23. N. R. 10. E. S. 18. B.T.
	A pine, 14 ins. in diam., bears S. 13° E., 70 lks dist., marked

Chns	T. 23. N. R. 10. E. S. 19. B.T.
	A pine, 12 ins. in diam., bears
	S. 31¼° W., 81 lks dist., marked
	T. 23. N. R. 9. E. S. 24. B.T.
	A pine, 10 ins. in diam., bears
	N. 27° W., 86 lks dist., marked
	T. 23. N. R. 9. E. S. 13. B.T.
	Land, mountainous
	Soil, 4" rate
	Timber, Pine and cedar
	Mountainous land
	80.00 Chns
	North bet. secs 13 and 18
	Over mountainous land
	Through heavy timber
	Ascend gently
10.00	Ascend abrupt
40.00	Set a Lava Stone, 20 x 16 x 8 ins.,

T. 23. N. R. 9. E.

Chns	15 ins. in the ground, for 1st sec. cor., marked 1st on W. face, from which

A cedar, 6ins. in diam., bears S. 15° E., 105 lks dist., marked

1/4 S. 18. B.T.

A cedar, 6 ins. in diam., bears S. 33° W., 179 lks dist, marked

1/4 S. 13. B.T.

65.00	Top of rocky hill
80.00	Set a Malpai stone. 18 x 10 x 10 ins, 12 ins. in the ground, for the cor. of Secs. 7, 12, 13 and 14., marked with 4 notches on the S., and 2 notches on the N. edges; dig 4 pits, 18 x 18 x 12 ins. on line, 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft high W. of cor.

Land, mountainous

Soil, 4" rate

EAST BOUNDARY OF

chns	
	Timber, Cedar and pine
	Mountainous land
	80.00 chns.

North, bet. Secs 7 and 12

Over mountainous land

22.00 Bottom, then gentle descent

through Cedar and pine

40.00 Set a Malpai Stone, 16 x 8 x 6 ins.,

11 ins. in the ground, for 1/4 Sec.

cor., marked 1/4 on W. face,

from which

A pine, 6 ins. in diam., bears S.

11/2° E., 64 lks dist., marked

1/4 S. 7. B.T.

A pine, 8 ins. in diam., bears S.

36 1/4° W., 61 lks dist., marked

1/4 S. 12. B.T.

T. 23. N. R. 9 E.

Chns	Descend gently, rolling, through Cedars
80.00	Set a Malpai Stone, 40 x 10 x 8 ins., 15 ins. in the ground, for cor. of Secs. 1, 6, 7 and 12., marked with 3 notches on the S., and 1 on N. edges, from which

A pine, 14 ins. in diam., bears N. 94½° E., 159 lks dist., marked T. 23. N. R. 10. E. S. 6. B.T.

A pine, 10 ins. in diam., bears S. 72½° E., 144 lks. dist., marked T. 23. N. R. 10 E. S. 7. B.T.

A pine, 8 ins. in diam., bears S. 34½° W., 86 lks dist., marked T. 23. N. R. 9. E. S. 12. B.T.

A Cedar, 6 ins. in diam., bears N. 36¾° W., 30 lks. dist., marked T. 23. N. R. 9. E. S. 1. B.T.

Land, mountainous

Chns	
	Soil, 4" rate
	Timber, Cedar and Pine
	Mountainous and heavily
	timbered land 80.00 chns

――――――――――――――――――――

	North, bet. Secs 1 and 6
	Over broken land
	Through dense Cedars
40.00	Set a Java Stone, 24 x 10 x 6 ins., 18
	ins in the ground, for 1/4 sec.
	cor., marked 1/4 on W. face,
	from which
	A cedar, 5 ins. in diam., bears N.
	23½° E., 216 lks dist., marked
	1/4 S. 6. B.T.
	A Cedar, 10 ins. in diam., bears
	N. 56½° W., 329 lks dist., marked
	1/4 S. 1. B.T.

T. 23. N. R. 9 E.

Chns
80.00

Set a Maepai stone, 24 x 12 x 8 ins., 18
ins. in the ground, for cor. of Tps 23
and 24. N. R's 9 and 10. E., marked
with 6 notches on each edge, from
which

A cedar, 12 ins in diam., bears N. 88¼°
E., 184 lks dist, marked

    T. 24. N. R. 10. E. S. 31. B.T.

A cedar, 8 ins. in diam., bears S. 54½°
E., 271 lks dist, marked

T. 23. N. R. 10. E. S. 6. B.T.

A cedar, 16 ins. in diam., bears N. 1°
W., 445 lks dist, marked

T. 24. N. R. 9. E. S. 36. B.T.

No other tree within limit.

Dug pits, 24 x 24 x 12 ins. on each
line, N. E. and W. 4 ft. and S. of stone,
8 ft. dist; and raised a mound of
earth, 5 ft. base, 2½ ft high, S. of

EAST BOUNDARY

Chns	
	cor.
	Land, broken
	Soil, 4" rate
	Timber, Cedar
	Mountainous and heavily
	timbered land. 80,00 chns.

September 12th 1902

T. 23. N. R.9.E.

Chns

Sept 13th 1902; At 8^h 0^m a.m.
l.m.t. I set off 35° 18' on the lat.
arc; 4° 01' N on the decl. arc, and
determine a true meridian with the
solar, at the cor. of Tps 23 and 24,
N. Rs 8 and 9 E. and run thence

East on a random line along
the N. bdy of Tp 23. N. R. 9. E. set-
ting temp $\frac{1}{4}$ and sec. cors at
intervals of 40.00 chns; and
at 477.05 intersect the
E. bdy of Tp, 312 lks N.
of the cor of Tps. 23
and 24. N. R. 9 and 10 E,
previously established by me,
this being in excess of
3 chns prescribed for cor-
recting randoms,
I begin at the cor. of
Tps 23 and 24 N, Rs 9 & 10 E.

Chns	Thence I run
	West,
	bet. secs 1 and 36
	Over broken land
	Through dense cedars
40.00	Set a Malpai stone, 20 x
	10 x 8 ins., 15 ins in the
	ground, for 1/4 sec.
	cor., marked 1/4 on
	N. face. from which
	a cedar, 8 ins. in
	diam., bears S. 37 3/4°
	E., 94 lks dist, marked
	1/4 S. 36. B.T.
	a cedar, 5 ins in
	diam., bears S. 34 1/2
	58 lks dist. marked

T. 23. N. R. 9. E.

| Chrs | 1/4 S. 36. B.T. |
| 80.00 | |

A Malpai stone, 12 x 24 x 18 ins above ground, for cor of secs 1, 2, 35 and 36, marked with a cross at the exact cor. point, and with 1 notch on E., and 5 notches on W. edges, from which

A pine, 8 ins in diam., bears N. 18 1/4° ~~170°~~ E., ~~145~~ 130. lks dist., marked T. 24. N. R. 9. E. S. 36. B.T.

A cedar, 12 ins in diam., bears S. 31 1/4° ~~260°~~ E., ~~27~~ 70 lks dist., marked T. 23. N. R. 9 E. S. 1. B.T.

A cedar, 8 ins. in diam., bears S. 40 1/2° ~~330°~~ W., ~~75~~ 85. lks dist., marked T. 23. N. R. 9. E. S. 2. B.T.

A cedar, 8 ins. in diam., bears N. 75 1/2° ~~86.~~ W., ~~69~~ 66. lks dist., marked T. 24. N. R. 9. E. S. 35. B.T.

Land, mountainous

Soil, 4" rate

Chns | Timber, Cedar and Pine

Mountainous and heavily

timbered land   80.00 Chns

Sept. 13th 1902

———————

West., bet. Secs 2 and 35

Over broken land

Through dense Cedars

25,63 | Road, Flagstaff to Heiser's Well ~~Black Falls~~

bears N.E. and S.W.

Ascend

36.00 | Top of hill

40.00 | Set a Malpai Stone, 30 x 10 x 6 ins,

21 ins in the ground, for 1/4 Sec.

cor., marked 1/4 on N. face, from

which

A Cedar, 8 ins. in diam., bears S.

22°   120.
~~73~~ W., ++++ lks dist., marked

1/4 S. 2 BT

T. 23. N.   R. 9. E.

Chns	A pine, 10 ins. in diam., bears N.
	82° 60.
	~~73¾~~° N., ~~60~~ lks dist., marked
	¼ S. 35 BT
45.50	High cinder ridge Slopes E.
	Descend
48,00	Bottom
80,00	Set a Volcanic Stone, 20 x 10 x 8 ins., 15

ins. in the ground, for cor. of secs. 2, 3, 34
and 35, marked with 2 notches on
the E., and 4 notches on the W.
edges, from which

. A Cedar, 8 ins. in diam., bears N.
47¼° E., 61 lks dist., marked
T. 24. N. R. 9. E. S. 35. B.T.

A cedar, 10 ins. in diam., bears S.
56° E., 80 lks dist., marked
T. 23. N. R. 9. E. S. 2. B.T.

A Cedar, 8 ins in diam., bears S.
25¼° W., 102 lks dist., marked
T. 23. N. R. 9. E. S. 3. B.T.

Chns	

A cedar, 8 ins in diam., bears N.
13½° W., 66 lks dist., marked
T. 24. N. R. 9. E. S. 34. B.T.
Land, mountainous
Soil, 4" rate
Timber, Cedar
Mountainous and heavily timbered
land   80.00 chns

     WEST, bet. Secs 3 and 34
Over rolling land
     Through dense Cedars and Pine
40.00 Set a malpai stone, 24 x 16 x 6 ins.,
18 ins. in the ground, for ¼ Sec. cor.,
marked ¼ on N. face, from which
A cedar, 24 ins. in diam., bears
N. 58½° E., 145 lks dist., marked
     ¼ S. 34. B.T.

<u>T. 23. N.   R. 9. E.</u>

Chns	A pine, 14 ins. in diam., bears
	S. 77¼° W., 35 lks dist., marked
	¼ S. 3. B.T.
55.00	Ascend
80.00	Set a Volcanic Stone, 10 x 10 x 5 ins., 15

ins. in the ground, for cor. of secs.

3, 4, 33 and 34, marked with 3 notches

on East and West edges, from which

A pine, 5 ins. in diam., bears N. 41¾°

E., 42 lks dist., marked

T. 24. N. R. 9. E. S. 34. B.T

A pine, 5 ins. in diam., bears S. 20½°

E., 78 lks dist., marked

T. 23. N. R. 9. E. S. 3. B.T.

A pine, 14 ins. in diam., bears S.

78¼° W., ~~375~~ 335 lks dist., marked

T. 23. N. R. 9. E. S. 4. B.T.

A pine, 8 ins in diam., bears N.

37½° W., 264 lks dist., marked

T. 24. N. R. 9. E. S. 33. B.T.

NORTH   BOUNDARY   OF

Chns	Land, mountainous
	Soil, 4" rate
	Timber, Cedar and Pine
	Mountainous and heavily
	timbered land 80,00 Chns

West, bet Secs 4 and 33

Over mountainous land

Through heavy timber and

                    dense undergrowth

Ascend

13,00   Top of Ridge bears N.E. and S.W.

‖   Descend

40,00   Bottom

Set a Volcanic Stone, 18 x 12 x 5 ins,

12 ins in the ground, for 1/4 Sec.

cor., marked 1/4 on N. face,

from which

T. 23. N. R. 9. E.

Chns | A pine, 12 ins in diam., bears N.
35¾° E., 47 lks dist., marked
1/4 S. 33. B. T.
A pine, 8 ins. in diam., bears S.
45¼° E., 61 lks dist., marked
1/4 S. 4. B. T.
Ascend

80.00 ✓ | Set a pine post, 3 ft. long, 5 ins. sq.,
24 ins in the ground, for cor. of secs.
4, 5, 32 and 33, marked
T. 24 N, S. 33 on N.E.
R. 9. E., S. 4 on S.E.
T. 13. N. S. 5 on S.W., and
S. 32 on N.W. faces, with 4 notches
on E., and 2 notches on W. edges,
from which
A pine, 10 ins. in diam., bears N. 14°
E., 41 lks dist., marked
T. 24. N. R. 9. E. S. 33. B. T.
A pine, 8 ins. in diam., bears

NORTH BOUNDARY OF

Chns	

S. 53° E., 47 lks dist., marked

T. 23. N. R. 9. E. S. 4. B.T.

A pine, 5 ins. in diam., bears S. 67°

W., 78 49 lks dist., marked

T. 23. N. R. 9. E. S. 5. B.T.

A pine, 6 ins. in diam., bears N.

64½° W., 83 lks dist., marked

T. 24. N. R. 9. E. S. 32. B.T.

Land, mountainous

Soil, 4" rate

Timber, Pine

Mountainous land and dense

undergrowth.   8000 chns

West, bet. secs. 5 and 32.

Over mountainous land and

heavy timber

Ascend

T. 23. N. R. 9. E.

Chns

40.00 Set a pine post, 3ft. long, 5ins.
sq., 24 ins in the ground, for 1/4
Sec. cor., marked 1/4S.5.on S., and
.32 on N faces, from which

A pine, 10 ins. in diam., bears S.
12° E., 31 lks dist., marked

~~T. 73. N. R. 9. E.~~ ¼ S. 5 . B.T

A pine, 20 ins in diam., bears N.
33° W., 40 lks dist., marked

~~T. 24. N. R. 9. E.~~ ¼ S. 32. B.T.

70.00 Top of ascent on N. slope of
high Cinder mountain

75.00 Descend

80.00 Set a Volcanic stone, 20 x 12 x
10 ins., 15 ins. in the ground,
for cor of secs 5, 6, 31 and 32,
marked with 5 notches on
the E., and 1 notch on W
edges, from which

Chns

A pine, 8 ins. in diam., bears N.
25° E., 57 lks dist., marked
T. 24 N. R. 9. E. S. 32. B.T.
A pine, 12 ins. in diam., bears S.
49° E., 22 lks dist., marked
T. 23. N. R. 9. E. S. 5. B.T.
A pine, 8 ins in diam., bears S.
65° W., 46 lks dist., marked
T. 23. N. R. 9. E. S. 6. B.T.
A pine, 24 ins. in diam., bears N.
13¾° W., 70 lks dist., marked
T. 24. N. R. 9. E. S. 31. B.T.
Land, mountainous
Soil, 4" rate
Timber, pine
Mountainous and heavily
timbered land   80.00 chns

No. 1437

T. 23. N. R. 9 E.

Chns

West, bet. Secs 6 and 31

Over mountainous land

Through heavy timber

Descend

40.00 Set an aspen post, 3 ft long
4 ins. sq., 24 ins. in the
ground, for 1/4 sec. cor., marked
1/4 S.31 on N., and 6 on S faces, from which
A cedar, 8 ins in diam., bears
N. 70 1/4° E., 88 lks dist., marked

1/4 S. 31. B.T.

A pine, 10 ins. in diam., bears S.
88° W., 47 lks dist., marked

1/4 S. 6. B.T.

Ascend

55.00 Top of ascent on flat Cinder Ridge
~~Descend~~ of Tp.
77.05 Intersect N. bdy. 3 12 lks S. of the
cor. of Ts 23 and 24 N. R. 8 and 9 E.
Set Volcanic Stone 16 x 8 x 4 ins 11 ins
in the ground for closing corner

Chains

of Tps. 23 and 24 N. R 9 E marked N
C.C. on E. and 6 notches on N. S. and
6 ~~logs~~ from which
A Pine 10 ins in diam. bears
N. 52° E 235 lks. dist marked
T 24 N. R 9 E S 31 B.T.
A Pine 16 ins in diam. bears
S 67½° E 32 lks dist. marked
T 23 N R 9 E S 6 B.T.

Sept. 14th 1902

Land soil etc —

T. 23. N. R. 9. E.

This township is rough and
mountainous throughout; the
southern part being high volcanic
craters covered by cinders, with
lava bed from Sec. 17 toward
north east to north bdy of the
township and other extinct vol
canoes distributed over the re-
mainder of township.

Timber is Yellow Pine and
cedar.

There is no water and no
settlers or improvements

Francis B Jacobs
U.S. Deputy Surveyor
October 27th 1902

List of Names.

A list of the names of the individuals employed

by *Francis B Jacobs*

U S. Deputy Surveyor, to assist in running, measuring
and marking the lines and corners described in the forego-
ing Field Notes of the survey of the *Exterior*

lines of Tps 22 and 23 N.
R 9 E.

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona, showing the respective capacities in which
they acted.

Alfred J M Miller Chainman.

Sylvester Loflin Chainman.

.... Chainman.

Joseph O Landers Moundman ~~Chainman~~

E Vanzant Lybrook Axeman.

William M Wilson Axeman.

Harry M Harris Flagman.

Final Oath of Assistants.

We hereby certify that we assisted *Francis*
B. Jacobs .... U. S. Deputy Surveyor, in
surveying all those parts or portions of the ....
Exterior lines of
Tps. 22 and 23 N R. 9 E. ....

....

....

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona, as are represented in the foregoing field
notes as having been surveyed by him and under his direc-
tion; and that said Survey has been in all respects, to the
best of our knowledge and belief, well and faithfully survey-
ed, and the corner monuments established according to the
instructions furnished by the United States Surveyor Gen-
eral for Arizona.

Alfred J McMillan .... Chainman.
Sylvester Deflin .... Chainman.
.... Chainman.
Joseph O Landers *Maunduia* Chainman.
E Vauyant Lybrook ... Axeman.
William M Wilson ... Axeman.
Harry McNaveus ... Flagman.

Sworn and subscribed before me, this *30th*
day of ... *September* 190*2*

Francis B Jacobs
Notary Public.

My commission expires March 2

36

BOOK 1437

A P P R O V A L.

office of the

United States Surveyor-General,

Phoenix, Arizona.

August 11, 1903.

e foregoing field notes of the sur-

vey of *East & North Boundaries of*

T. 23 N, R. 9 E,

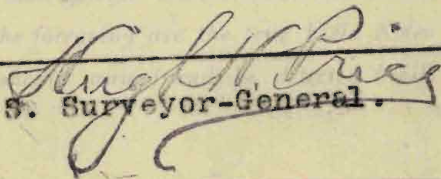on the Gila and Salt River Base and Me-

ridian, in the Territory of Arizona.

Executed by *Francis B Jacobs*

United States Deputy Surveyor under his

contract No. *96*, dated *June 30 1902*,

having been critically examined, and the

necessary corrections and explanations

made, the said field notes, and the sur-

veys they describe, are hereby approved.

Hugh H. Price
_____

U. S. Surveyor-General.

Final Oath of U. S. Deputy Surveyor.

see. subs. I. 2 3 N. R 9 E.

I, ...

*U. S. Deputy Surveyor, do solemnly swear that in pursu-
ance of a contract received from........................
United States Surveyor General for Arizona, bearing date
of the ....day of ....190..,
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 Man-
ual of Surveying Instructions, and the laws of the United
States, surveyed all those parts or portions of the........*

....

....

....

....

....

*of the Gila and Salt River Base and Meridian, in the T
ritory of Arizona, as are represented in the foregoing Field
Notes as having been surveyed by me and under my direc-
tion; and I do further solemnly swear that all the corners of
said surveys have been established and perpetuated in strict
accordance with the Manual of printed instructions, the
special instructions of the United States Surveyor-General
for Arizona, and in the specific manner described in the
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.

....

U. S. Deputy Surveyor.

Sworn to and subscribed before me this.................

day of ....*190*..

....

Preliminary Oaths with
Exts. Tp. 22 N, R. 9 E.

Line Des.	Bear	dist Course	Latitude		Departure	
			N.	S.	E.	W.
West Bdy.	N 10° E	12.26	12.26		.03	
"	N.	467.98	467.98			
N. Bdy.	East	477.05			477.05	
East Bdy.	South	480.00		480.		
S. Bdy.	West	477.37				477.37
Convergency					52.	

| Totals | | | 480.24 | 480 | 477.60 | 477.37 |

Error in Lat. 24 links, Error in Dep. 23. links

Boundaries T. 23 N. R 9 East.