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BOOK 1660

Field Notes

of the survey of the Eastern
series of Townships 13 N. Range
14 W. $\frac{1}{2}$ 14 N. Ranges 1, 2 & 3
W. 1/4 Salt River Mesa
Arizona Territory.

By E. W. Foreman, Deputy
Under his contract of May 2, 1871
Survey commenced - July 31 1871
" Completed - Aug 11 1871

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N. Body T. 14 N.

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Preliminary Oaths of Assistants.

I, _____ do solemnly swear that I will well and truly perform the duties of Compassman, according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of
187

U. S. Deputy Surveyor.

We, *Joseph Samuel* and
H. S. Harris

solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven

ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines, that we will assist in measuring, to the best of our skill and ability.

Joseph Ferrer
J. L. Heavil

Subscribed and sworn to before me, this 10 day of
June 1871.

J. C. Mc Caffry
~~H. C. Deputy Secretary~~
Notary Public



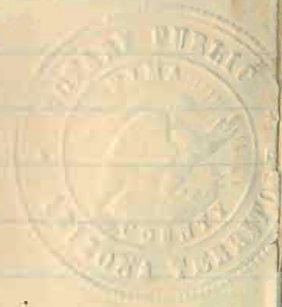
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We James Daly & Geo^W Carr
do solemnly swear that we will well and truly perform the
duties of *Axe men & Haysmen*
according to instructions given *us*, and to the best of *our*
skill and ability.

James Daly
George W. Carr

Subscribed and sworn to before me, this 10th
day of June 1871

J. C. Mc Caffrey
~~H. J. Murphy~~
Notary Public



Peterson townships 13 North, Ranges 3rd & 4 West

Gila Salt River Meridian

From the corner to Townships
13 North, Ranges 3rd & 4 West, on the
3^d Standard parallel line, I run
North between sections 31st & 36.

Lat. 13° 47' East
(as per transit observation of Polaris)
along the south west slope of mountain.
10.00 Set a 1/4 section corner stone 16 x 10 x 6 inches
as per instructions. No trees near.

4.60 Deep gulch runs south west.

10.00 Set a stone 18 x 10 x 8 inches as per instruc-
tions, for the corner to sections
25. 36. 30th & 31.

No trees near
Land broken south west slope
of granite mountain.
Soil poor. No timber.

East Boundary Township 13 North, Range 4 West

Gila and Salt River Meridian

Sec. North, between sections 25th and 30

Var. 13° 47' East

38.00 Steep ascent of point of hill.

40.00 Set a 1/4 section corner post in a
stone mound as per instructions,
No trees near.

57.00 Top of hill bears east and west

80.00 Set a stone 18 x 10 x 6 inches in a
stone mound as per instructions
for the corner to sections.

24, 25, 19th and 30.

No trees near.

Land, brook and rocky.

Soil worthless

No timber.

East boundary of township 13 North, Range 4 West
Gila and Salt River Meridian

As North, between sections 24^{and} 19.

Sec. 13° 47' East.

18.50 Deep cañon runs west and steep
ascent.

40.00 Top of same and set a $\frac{1}{4}$ section
corner stone 14 x 10 x 6 inches as per
instructions. No trees near.

80.00 Set a stone 18 x 10 x 6 inches, as per
instructions, for the corner to sections
13, 24, 18, ^{and} 19.

No trees near.

Land, broken.

Soil worthless, No timber,
and on account of deep cañons, and
high, impassable rocky cliffs, this
line cannot be run any farther
north. —

Petroleum townships 13 North, Ranges 4th & 5 West
Gila and Salt River Meridian

Chs Begin at the corner to townships
13 North, of Ranges 4th & 5 West, on the 3^d
Standard line, and run
North, between sections 31st and 36.

Var. 13° 40' East

(as per standard line.)

- 0.75 Run in run south west.
- 10.00 Begin steep south west slope.
- 40.00 Set a 1/4 section corner stone, 16x10x6 inches, as per instructions. - No trees near.
- 80.00. Pit a stone 14x10x8 inches in stone mound as per instructions, for the corner to sections 25, 36, 30th & 31

Land, steep south west slope.

Soil good.

No timber.

Between townships 13 North. Ranges 4th and 5th West.

Gila and Salt River Meridian

- | | |
|-----------------|--|
| Ch ^s | <u>North</u> , between sections 25 ^{and} 30
Var. 13° 40' East |
| 26.00 | Deep ravine runs south west |
| 40.00 | Set a $\frac{1}{4}$ section corner stone 14x10
x 4 inches as per instructions.
No trees near. |
| 80.00 | Set a stone 18x10x8 inches as per
instructions, for the corner to sections
24. 25. 19 ^{and} 30.
No trees near. |

Sand, steep south west slope
Soil Fertile and stony.
No timber.

Peterson townships 13 North. Ranges 4th & 5 West
 Gila and Salt River Meridian

1/4 North, between sections 19th & 24.
 Var. 13° 40' East

40.00 Set a stone 16 x 10 x 6 inches for the
 1/4 section corner, as per instructions,
 No trees near.

90.00 Set a stone 18 x 10 x 10 inches, in
 stone mound as per instructions,
 for the corner to sections,
 18. 19. 13th & 24
 No trees near.

Land steep south west slope
 of mountain,

Soil 3rd rate. No timber.

Petroleum townships 13 North, Ranges 4^{and} 5 West.

Gila^{and} Salt River Meridian

1/4th North, between sections 13^{and} 18.

Var. $13^{\circ} 40'$ East

40.00 Put a 1/4 section corner stone $16 \times 12 \times 4$ inches, as per instructions.

No trees near.

63.00 Summit of mountain bears north west and south east.

80.00 Put a stone $18 \times 12 \times 8$ inches in a stone mound, as per instructions for the corner to sections

7, 18, 12^{and} 13.

No trees near.

To be 3rd rate.

No timber.

Peterson Townships 13 North, Range 4^{and} 5 West

Gila^{and} Salt River Meridian

No North, between sections 7^{and} 12
 Sac. 13° 40' East

40.00 Set a $\frac{1}{4}$ section corner stone 16 x 11 x 5
 inches as per instructions.
 No trees near.

80.00 Set a stone 18 x 8 x 8 inches in a
 stone mound as per instructions
 for the corner to sections,
 1, 12, 6^{and} 7.
 No trees near.

Land. top of mountain, about
 800 feet high.
 Soil poor.

No timber.

Set monument townships 13 North, Range 4th 5 West

Gild^{and} Salt River Meridian

Sec North, between sections 1^{and} 6.

Var. $13^{\circ}40'$ East

35.00 Begin north east descent of
mountain.

40.00 Set a '4 section corner stone
 $16 \times 8 \times 4$ inches, as per instructions.
No trees near.

80.00 Set a stone $20 \times 10 \times 8$ inches in a
stone mound as per instructions,
for the corner to sections
1, 6, 31^{and} 36.

No trees near.

Land, steep high north east
mountain slope.

Soil poor

No timber.

July 31st 1871. -

General Description

The foregoing line runs diagonally across a high granite mountain, and the lands on the mountain are of little value save for grazing.

There are no mineral indications visible.

The rock is coarse granite and the sides of the mountain are very steep.

There is no timber in this vicinity.

Skull valley is east and Hillland valley is south and west of this mountain.

July 31. 1871

Petroleum townships 13rd 14 North, Range 4 West.

Gila ^{and} Salt River Meridian

Chs From the corner to townships 13rd 14 North, of Ranges 4^{and} 5 West, I run East, between sections 6^{and} 31

Sar. 14° East
(as per transit observation of Polaris)
Steep northeast slope.

39.51 Put a 1/4 section corner stone 18x10x10 inches as per instructions.

No trees near.

allowing 49 links for congruency - at

39.51 Put a stone 20x10x6 inches in stone mounds, as per instructions, for the corner to sections, 5, 6, 31^{and} 32.

No trees near.

Sand, steep east mountain side
Soil poor and no timber.

Peterson townships 13th and 14th North, Range 4 West.

Gila and Salt River Meridian

No East. between sections 5th and 32.

Var. 14° East.

10.00 Bottom of hill, and creek 20 links wide, runs south.

15.00 Steep ascent

40.00 Set a 1st section corner stone 16 x 10 x 6 inches as per instructions.

No trees near.

45.00 Top of ascent and descent.

63.00 Bottom of descent and enter granite boulders.

80.00 Set a stone 18 x 10 x 9 inches in a stone mound as per instructions for the corner to sections

4, 5, 32nd and 33.

No trees near.

Land broken. Soil worthless

No timber.

Peterson townships 13th and 14th North. Range 4 West

Gila and Salt River Meridian

To East. between sections 4th and 33.

Var. 1st East

21.50 Road bears north and south, - a good spring on west side of road.

30.00 A house 50 links north of line and a stone corral 50 links south of line, on a round knoll.

31.00 Enter smooth level land.

40.00 Set a $\frac{1}{4}$ section corner stone 16x10x6 inches in mound and feet as per instructions. No trees near.

65.00 Bluff 50 feet high, bears north and south.

68.00 Top of same.

80.00 Set a stone 18x10x6 inches in a stone mound as per instructions, for the corner to sections 3, 4, 33rd and 34.

No trees near.

Land loc. Soil 1st rate

No timber.

Peterson townships 13th 14th North, Range 4th West
Gila and Salt River Meridian

The East, between sections 3rd and 34.
San 14th East

40.00 Set a 1/4 section corner Post via a mound and pits as per instructions.
No trees near.

80.00 Set a stone 16 x 6 x 6 inches as per instructions, for the corner to sections 2, 3, 34th and 35.
No trees near.

Land rolling
Paid 2nd rate.
No timber.

Peterson townships 13th & 14th North, Range 4 West

Gila and Salt River Meridian

No East, between sections 2nd and 35.

San 14th East

21.00 Begin ascent of the Aztec mountain.

40.00 Set a 1st section corner stone
16 x 8 x 4 inches, as per instructions
No trees near.

80.00 Set a stone 18 x 10 x 6 inches as per
instructions for the corner to sections
1, 2, 35th and 36.

No trees near.

Land, steep west slope of mountain.
Soil poor and stony.
No timber.

Between townships 13th & 14th North, Range 4th West
 Gila and Salt River Meridian

Sho East. between sections 1st and 36,
 var. 14° East

27.00 Deep rocky cañon runs south west.

40.00 Get a 1/4 section corner stone 14x10x10
 inches as per instructions

No trees near.

80.00 Get a stone 18x10x8 inches as per
 instructions, for the corner to
 sections. 1. 6. 31st & 36.

No trees near.

Land, abrupt, rocky and
 mountainous.

Soil worthless

No timber.

~~July 7~~
 July 7th 1891.

Peterson townships 13th & 14th North, Range 3 West

U.S. and Salt River Meridian

No. East, between sections 6th & 31.

Var. 14° East

39.51. Set a 14 section corner stone 16 x 8 x 6 inches, as per instructions.

No trees near.

Deducting 49 links for convergence - at

79.51 Set a stone 18 x 10 x 8 inches as per instructions, for the corner to section

5. 6. 31st & 32.

No trees near.

Land, steep west slope of mountain, composed of granite boulders

No timber and but little soil. some oak brush.

Between townships 13th and 14th North. Range 3 West

Gila and Salt River Meridian

Chs East. between sections 5th and 32.

var. 14° East

40.00 Set a 1/4 section corner stone 16 x 10 x 4 inches, as per instructions.

No trees near.

67.00 Summit of mountain about 2000 feet above Skull valley and here the top of mountain is rolling land.

80.00 Set a stone 18 x 10 x 6 inches as per instructions, for the corner to sections 14, 5, 32nd and 33.

No trees near.

Land, mountainous and broken

Soil poor and stony.

No timber.

Peterson Townships 13th & 14th North, Range 3 West

Giland Salt River Meridian

Ans East, between sections 4th and 33.

var. 11th East

- 25.00 Begin to descend and enter timber.
 40.00 Set a 1st section corner Post, as per instructions, from which —
 a Juniper, 10 in. diam. bears south 27° east, 50 links dist.
 a Pitch Pine 6 " " " north 63° west, 27 " "

- 80.00 Set a stone 18 x 6 x 6 inches as per instructions for the corner to sections 3, 4, 33rd & 34.
 from which —
 An Oak, 20 in. diam. bears east, 103 links distant.
 a Pine, 24 " " " north 30° east, 74 links dist.
 a Juniper 30 " " " north 42¹/₂° west, 65 " "

No other trees near.

Land broken and stony.

Soil good, and good grass.

Timber, Pine, Juniper and Oak.

No undergrowth.

Between townships 13th & 14th North. Range 3 West

Idaho Salt River Meridian

As East. between sections 3rd & 34.

var 13° 56' East

(as per transit observation of Polaris)

27.50 Deep ravine runs north east.

40.00 Top of round knoll and set a 1/4 section corner stone 16 x 14 x 8 inches as per instructions, from which: —

a Pitch Pine, 14 in. diam. bears east. 53 links distant

do. 20 " " " north 88° west. 70 links dist.

80.00 Set a stone 18 x 10 x 8 inches, in stone mound as per instructions, for the corner to sections 2, 3, 34th & 35. — from which: —

a Pitch Pine 36 in. diam. bears north 47° west. 77 links distant.

do 10 " " " south 34° west. 44 " "

do 12 " " " south 34° east. 36 " "

No other trees near.

Land broken.

Soil good.

Timber, Pine, Juniper and Oak.

Peterson townships 13th & 14th North, Range 3 West

Gila ^{and} Salt River Mesquic

- Chs. East. between sections 2nd & 3rd.
var. 13° 56' East
- 16.00 Creek. 5 links wide, runs north east
- 40.00 A Pine tree 8 inches diameter and marked
as per instructions, for the $\frac{1}{4}$ section corner
a Pine, 8 inches diameter, bears south, 21 links distant.
- 66.00 Run runs south.
- 70.00 Leave timber and ascend hill.
- 80.00 Set a stone 18x10x8 inches in a stone
mound as per instructions, for the
corner to sections, 1, 2, 35th & 36.
No tree near.
Land broken and stony.
Soil good.
Timber, Pine ^{and} Juniper.

Peterson townships 13th & 14th North, Range 3 West.

6th & 7th Salt River Meridian

The East. between sections 1st & 36.

var. 13° 56' East

6.00 Summit of hill 200 feet high, bears
north and south.

11.00 Begin to descend.

40.00 Set a "W" section corner stone 14 x 10 x 6
inches, as per instructions.

No trees near.

58.30 Run runs south east.

80.00 Set a stone 20 x 14 x 10 inches in a
stone mound as per instructions,
for the corner to sections, 1, 6, 31st & 36.
from which —

a Juniper, 14 inches diameter bears north
3° west, 29 links distant.

No other trees near.

Land broken. Soil poor and
stony. No timber.

July 8th 1871. —
Aug 1

Between townships 13th & 14th North, Range 2 West
 Gila and Salt River Meridian
 As East, between sections 6th & 31.
 Var. 13° 56' East

- 39.51 Set a 1/4 section corner stone 18x10x6 inches in a rocky place as per instructions. No trees near
- 50.00 Enter level land and timber bears north west and south
 allowing 49 links for convergence at
- 79.51 Set a stone 30x20x20 inches in a stone mound as per instructions for the corner to sections 5, 6, 31th & 32.
 A Pine 16 inches diameter, bears south 12 1/2° East. 44 links distant.
 A Pitch Pine 14 inches diameter bears north 39° west. 35 links distant.
 No other tree near.
 Land broken and level.
 Soil 2nd rate.
 Timber. Pine, Juniper^{and} Oak.

Between townships 13th and 14th North, Range 2 West

Gila and Salt River Meridian

Chs East, between sections 5th and 32.

Sec 13° 56' East.

- 0.00 A brush fence 50 links south of line bears east and west.
- 0.00 Road bears north and south.
- 2.00 Creek 5 links wide runs north.
- 40.00 Set a $\frac{1}{4}$ section corner stone 16 x 10 x 6 inches as per instructions, from which an Oak, 6 in. diam. bears north 22° East, 31 links dist.
A Pine 16 " " south 20° west, 36 " "
- 8.50 Road bears north and south.
- 20.00 Set a stone 36 x 14 x 6 inches as per instructions, for the corner to sections 4, 5, 32nd and 33.
- A Juniper, 24 in. diam. bears south 68° East, 138 links distant
A P. Pine, 18 " " north 22½° west, 109 links dist.
- No other trees near.

Land rolling and stony
Soil good

Timber, Pine, Juniper and Oak.

Between townships 13th & 14th North, Range 2 West
 Gila and Salt River Meridian

No East, between sections 4th and 33.

Var. 13° 56' East

- 40.00 Set a $\frac{1}{4}$ section corner stone 16 x 10 x 8 inches as per instructions, from which
 a Pitch Pine 30 in. diam. bears south 5 $\frac{1}{2}$ ° East, 109 links dist.
 do. do. 8 " " north 7° east 46 " "
 No other trees near.
- 41.00 Road bears north west and south east.
- 46.00 Granite Creek, 200 links wide, runs north: leave timber.
- 50.00 Enter Prescott on a street running east $\frac{1}{2}$ west.
- 55.00 Public Square (north side)
- 62.75 Leave same.
- 80.00 Set a stone 16 x 10 x 8 inches as per instructions
 for the corner to sections 3, 4, 33rd and 34.
 a Pine 24 in. diam. bears south 64 $\frac{1}{2}$ ° east, 205 links dist.
 a Juniper, 36 " " north 36° east, 91 " "
 do 30 " " north 49° west 102 " "
 a Pine 16 " " south 45° west, 215 " "
 Land level: Soil 1st rate.
 Timber, Pine and Juniper.

Between townships 13th & 14th North, Range 2 West

Yuland Salt River Meridian

to East, between sections 3rd & 34.

Sun. 13° 48' East

(as per transit observation of Polaris)

- 9.00 Sun bears north and south.
- 14.50 Prairie runs north.
- 35.00 do. do.
- 40.00 Set a 1/4 section corner Post in a mound and pits as per instructions. No trees near.
- 44.00 Begin to ascend.
- 73.00 Top of hill, 200 feet high, bears northnd and south.
- 77.60 Prairie runs north.
- 79.50 Road bears north and south.
- 80.00 Set a stone, 20 x 14 x 10 inches as per instruction, for corner to sections 2, 3, 34nd & 35.
- An Oak 6 inches diameter bears north, 34 links distant.
- No other trees near.

Land rolling. Soil good
No timber. Oak brush.

Petroleum townships 13th & 14th North, Range 2 West
 Gila and Salt River Meridian

- No Post, between sections 2nd and 35th.
 var. 13° 48' East
- 1.50 Bluff 60 feet high, and begin ascent
 of hill, bias north and south.
- 40.00 Set a 14 section corner Post in a mound
 and pits as per instructions.
 No trees near.

- 80.00 Set a stone 20 x 10 x 8 inches in a
 stone mound as per instructions
 for the corner to sections.
 1. 2. 35th and 36th.
 No trees near.

Land broken. Soil good.
 No timber. Oak brush

Peterson townships 13^{1/2} 14 North. Range 2 West

Gila ^{and} Salt River Meridian

To East. between sections 1^{and} 36.

Sac. 13° 48' East

- 60.00 Top of hill. 300 feet high, bears north
and south and ends 30 chains north of line
- 40.00 Set a ^{1/4} section corner stone 18x10x6 inches
as per instructions. No trees near.
- 53.00 Ravine runs north east
- 65.00 Steep ascent, bears north east and South west.
- 70.00 Top of same and descend.
- 80.00 Set a stone 18x10x10 inches as per
instructions, for the corner to sections
1. 6. 31^{and} 36.

No trees near.

Sand broken. Soil 2^o rate.

No timber. Call brush.

Aug. 2

July 10^o 1871.—

General Description.

Townships 13th and 14th North, of Range 2. West. contain much timber and considerable agricultural lands and the settlements extend from Prescott over most of the country embraced within these townships.

The town of Prescott is situated in the center of these two townships and is a flourishing town of about 1000 inhabitants. The climate, in this section is of the best in the territory.

Aug. 2. 71

Between townships 13th & 14th North, Range 1st West
 Gila and Salt River Meridian

Chs Begin at the corner to townships
 13th & 14th North of Ranges 1st & 2nd West,
 and run

East, between sections 6th & 31.

bearings 13° 45' East

(as per transit observations of Polaris)

20.00 Airways runs north.

25.25 Road bears south east ⁴⁰ north west.

33.50 Nail do do do.

39.51 Set 74 section corner post in mound
 and pits as per instructions.

Dead juniper 16 in. diam. bears south 22° west, 68 lbs. dist.

No other trees near.

60.00 Enter Oak brush, bears north and south
 deducting 49 links for convergence.

79.51 Set a post in mound and pits as
 per instructions for corner to sections

5, 6, 31 & 32.

Pine Oak, 4 in. diam. bears south 7½° East, 17 links distant.

do. 6 " " north 78° west, 73 " "

do. 4 " " north 46½° East, 36 " "

No other tree near.

Land broken. Scattering Cedar.

Between townships 13th & 14th North. Range 1 West.

Gila and Salt River Meridian

Sec East, between sections 5th & 32.

Sec. 13° 45' East.

- 20.00 Begin ascent of rocky hill, bears north east and south west.
- 33.25 Summit of same 150 feet high and round.
- 40.00 Set a 1/4 section corner post in a mound and pits, as per instructions.
- No trees near.
- 68.00 Dry creek 110 links wide runs north east. (dry)
- 80.00 Set a stone 14 x 10 x 6 inches as per instructions, for corner to sections 4, 5, 32nd & 33.
- a Pine 4 inches diam. bears south 45° west, 22 links distant.
- No other trees near.
- Land broken. Soil 3rd rate.
- No timber.

Peterson townships 13th & 14th North. Range 1 West

Gila and Salt River Meridian

Sec East. between sections 4th & 33.

Sec. 13° 45' East

- 2.50 Arroyo runs north into Lynt creek.
 10.00 Arroyo 20 feet deep runs north
 20.00 Barren quartz ledge runs north east.
 35.00 Summit of round hill 50 feet high.
 40.00 Set 1/4 section corner post in mound
 and pits as per instructions

No trees near.

- 80.00 Set a post in a mound of stone
 as per instructions, for the corner to
 sections 3, 4, 33rd & 34.

No trees near

Land broken and stony.

Soil poor. No timber.

Between townships 13th & 14th North, Range 1 West.

Gila and Salt River Meridian

- | | |
|-------|---|
| 19.00 | Rocky point of hill. |
| 37.00 | Arroyo 50 links wide, runs north. |
| 40.00 | Set a $\frac{1}{4}$ section corner post in mound, and sets as per instructions
No trees near. |
| 75.00 | Cañon runs north, 50 feet deep. |
| 80.00 | Set a stone 18x10x4 inches in mound and sets as per instructions for the corner to sections 2, 3, 34 th & 35.
No trees near.
Land broken. Soil poor.
No timber. |

Peterson townships 13th & 14th North, Range 1 West
 Gila and Salt River Meridian

- Sec East. between sections 3rd and 35.
- Jan. 13° 45' East
- 17.00 Summit of mountain, 800 feet high,
 bears north and south.
- 21.25 Rocky bluff, 200 feet high, bears north
 and south.
- 40.00 Set a ¹/₄ section corner stone 14 x 12 x 4
 inches in mound and pits, as per instructions
 No trees near.
- 34.00 Summit of rocky point 250 feet high
 bears north east and south west to mountain.
- 80.00 Set a stone 14 x 8 x 6 inches in stone
 mound as per instructions, at base
 of mountain for the corner to sections
 1, 2, 35th and 36.
- No trees near.
 Land rough.

Peterson townships 13th & 14th North, Range 1 West.

Gila and Salt River Meridian

- No East. between sections 1^{and} 36.
 Var. 13° 45' East
- 40.00 Set a $\frac{1}{4}$ section corner stone 14x8x4 inches in mound of stone, as per instructions.
- 56.00 Dry creek runs north east 25 links wide.
 No trees near.
- 80.00 Set a stone 18x8x6 inches in stone mound as per instructions for the corner sections 1, 6, 31^{and} 36.
 A Juniper 5 inches diameter bears south 45° west, 3 links distant.
 No other trees near.
- Land rolling. Soil 3rd rate
 No timber.
- Aug. 3
 July 11th 1871.

Between townships 14 North, Ranges 1st & 2 West.
 Geland Salt River Meridian

No From the corner to townships 13th & 14
 North, Ranges 1st & 2 West. From
 North, between sections 31st & 36.

Var. $13^{\circ} 45'$ East

(As per transit observation of Polaris)

- 16.00 Top of flat ridge bears east and west.
 26.00 Road bears north west^{ly} and south east.
 36.00 Ravine runs north west.
 40.00 Set a $\frac{1}{4}$ " section corner Post, in
 a mound and sets as per instructions.
 No trees near.
 47.75 Trail bears north west^{ly} and south east.
 62.80 Ravine runs west and ascend.
 74.00 Top of hill 100 ft high, bears east^{ly} and west.
 80.00 Set a stone $18 \times 10 \times 8$ inches as per
 instructions for the corner to sections
 25, 36, 30th & 31.

A juniper 10 in. diam, bears north 67 links distant.

No other trees near.

Land rolling. Soil 2nd rate. No timber.

Between townships 14 North, Ranges 1 & 2 East

Glas and Salt River Meridian

Sec North, between sections 25th & 30.

Var. 13° 45' East

- 19.00 Ravine runs north west.
- 33.00 do do.
- 40.00 Set a $\frac{1}{4}$ section corner stone 14 x 10 x 8 inches as per instructions.
No trees near.
- 47.00 Flat ridge bears north west & south east.
- 56.00 Flat ravine runs north west.
- 80.00 Set a stone 16 x 10 x 8 inches in a stone mound and pits in ravine running north west, and marked as per instructions, for the corner to sections 24. 25. 19th & 30.
No trees near.
- Land, rolling low hills.
Soil 2^d rate
No timber.

Peterson townships 14 North, Range 1st 3rd Mer.
 5th Salt River Meridian

No North, between sections 19th & 2nd 4th.

Var. 13° 45' East

- 4.00 Ravine runs north west.
- 5.00 Road bears north west and south east
- 6.00 Begin steep ascent, bears east^{ward} and west.
- 21.00 Top of same and begin gentle descent.
- 40.00 Set a 14 section corner stone 14x12x8 inches, as per instructions. from which a Juniper 30 in. diam. bears north 40° east, 50 links dist. No other tree near.
- 44.00 Ravine runs north west.
- 52.00 Flat ravine runs north west.
- 53.50 A ridge composed of granite boulders bears north west and south east.
- 80.00 Set a stone 18x10x10 inches as per instructions, for the corner to sections 18, 19, 13th & 2nd 4th. No trees near. Land rolling. Soil 3rd 4th. No timber

Peterson townships 14th North, Range 1st and 2nd West

6th and Salt River Meridian

6th North, between sections 13th and 18.

Var. 13° 45' East.

40.00 Set a $\frac{1}{4}$ section corner stone 16 x 10 x 8 inches, as per instructions.

No trees near.

80.00 Set a stone 20 x 10 x 8 inches, as per instructions, for the corner to sections 12, 13, 7th and 18.

No trees near.

This line is over a mass of granite boulders in confused heaps. No soil and no timber.

This granite ridge extends north west for a distance of about three miles and is a singular formation and no other like it in appearance in this section of country.

Between townships 14 North. Range 1st 2 West.

Gila and Salt River Meridians

As North. between sections of ^{and} 12.
var 13° 45' East

40.00 Set a stone 16 x 10 x 4 inches in
stone mound as per instructions.
No trees near.

55.00 Leave rocks and enter level land.
bear east and south west.

80.00 Set a stone 18 x 10 x 10 inches in
mound and pits as per instructions
for the corner to sections
1, 6, 7, and 12.
No trees near.

A house 10 chains south west from
corner.

Land stony, No soil. - save the
last 25 chains the land is good.

No timber.

Between townships 14 North, Ranges 1st & 2nd West

Old and Salt River Meridian

No North, between sections 1st & 6.

Var. $13^{\circ}45'$ East

5.00 Road bears south west and north east.

10.50 Same road, north west and south east.

21.75 Road bears east and west.

36.50 do " south west and north along
the east side of line.

40.00 Set a $\frac{1}{4}$ section corner stone $14 \times 10 \times 8$
inches as per instructions.

No trees near.

A house bears 30 chains south west.

do " 30 " north west.

48.30 Road bears east and west.

60.00 A house 25 chains west of line.

80.00 Set a post in a mound and pits as
per instructions for the corner to section

1, 6, 31st & 36. No trees near.

Land level. Soil 1st rate

Aug. 7

No timber.

July 14th 1871. —

Between townships 124 North, Ranges 2nd and 3rd West.

Gila^{and} Salt River Meridian

Chs Begin at the corner to townships
13th and 124 North, Ranges 2nd and 3rd west
and run —

North, between sections 31st and 36th.

Var. $13^{\circ} 56'$ East

(as per south boundary.)

27.50 Top of rocky ridge and descend.

40.00 Set a stone $16 \times 10 \times 10$ inches for
14th section corner, as per instruc-
tions. No trees near.

52.00 Enter timber, bears east and west.

80.00 Set a stone $18 \times 10 \times 10$ inches
as per instructions, for the corner
to sections 25, 36, 30th and 31.

A Pine 12 in. diam. bears north 5° west, 22 links dist.

No other trees near.

Land broken. Soil good
Timber, Pine and Juniper.

Retreat townships 14 North Range, 2nd & 3rd Nels.

Giland Salt River Meridian

4th North, between sections 25th & 30.

Var. 13° 56' East

40.00 Get a 14 section corner stone
16 x 10 x 8 inches as per instructions
on a bald knoll. No trees near.

59.00 Run in runs north east:

80.00 Get a stone 14 x 10 x 10 inches in a
stone mound as per instructions,
for the corner sections.

19.30. 24th & 25.

from which. —

An Oak 6 inches diameter bears south
46 links distant.

No other trees near.

Land rolling hills

Soil good.

Timber. Pine Oaknd Juniper.

Petroleum townships 14 North, Ranges 2nd & 3rd West.

Gila⁹⁰⁰ Salt River Meridian

1/4 North, between sections 19th & 24th.
Var. 13° 56' Each

- 24.50 Road bears east and west
- 36.00 Willow Creek, 10 links wide, runs east.
- 40.00 Set a 1/4 section corner stone 16x14x6 inches, as
per instructions.
a Pine, 30. in. diam. bears north 82 1/2° east, 25 links distant
an Oak, 9 " " " north 79° west, 45 " "
- 47.50 Road bears east and west.
- 49.50 Creek 10 links wide, runs east.
- 80.00 Set a stone 16x8x8 inches, as per instructions
for the corner to sections 18, 19, 13th & 24th,
from which—
a Pitch Pine, 24. in. diam. bears north 81° east, 64 links distant
an Oak, 10 " " " south 54 1/2° east, 100 " "
- No other trees near.
- Lands rolling. Soil good.
- Good Pine, Juniper and Oak timber.

Return townships 14 North, Ranges 2nd & 3rd West
 Gila Salt River Meridian
 The North, between sections 13th & 18.

Var. 13° 56' East.

25.00 Leave timber - bears east and west.

40.00 Set a '44 section corner stone 16 x 10 x 6
 inches as per instructions - No trees near,
 and begin to ascend south west slope
 of hill.

80.00 Set a stone 16 x 10 x 10 inches as per instruc-
 tions for the corner to sections

7, 18, 12th and 13.

No trees near.

Soil barren and stony.

Soil good for grass

No timber, only on south end of line
 where there is some Pine, Oak and
 Juniper.

Petreau townships 14 North, Ranges 2nd & 3 West.

Osola and Salt River Meridian

No North, between sections 7th & 12.
 var. 13° 56' East

40.00 Put a 1/4 section corner Post in a mound and fix it as per instructions
 No trees near.

80.00 Put a stone 18x10x8 inches in a stow mound as per instructions
 for the corner to sections
 1, 12, 6th & 7.
 No trees near

Sand steep south west slope.
 Soil good for grass
 No timber.

Petroleum Co. surveys 14 North, Range 2nd & 3rd West

Gilad^{and} Salt River Meridian

Chs. North, between sections 1st & 6.

var 13° 56' East

Descending to -

21.00 Then ascending.

40.00 Put a 1/4 section corner stone 16 x 10 x 6
inches as per instructions.

No trees near.

80.00 Put a stone 18 x 6 x 4 inches in a stone
mound as per instructions, for the
corner to sections 1, 6, 31st & 36.

No trees near.

Land. steep and stony.

Soil 3rd rate. No timber.

About one mile north west from
this corner, there is a high granite
peak called "Granite Mountain".

Aug 8.

July 15th 1871 -

North boundary township 14 North, Range 3 West.
Gila and Salt River Meridian

Begin at the north west corner of the township and run —

East, on a random line along the north line of sections 6, 5, 4, 3, 2 and 1.

Var. $13^{\circ} 56'$ East.

Set temporary half mile and mile posts and at 479.10 chains, intersect the east boundary line 172 links north from the corner to sections 1, 6, 31 and 36.

The falling is therefore $28\frac{2}{3}$ links per mile and the difference of bearing, 12 minutes; which makes the true course of this line,

North $89^{\circ} 48'$ West. —

Peterson townships 14th and 15 North, Range 2 West

Gila and Salt River Meridian

- Chs From the corner to sections 1st and 6.
31st and 36. townships 14th and 15 North
Ranges 1st and 2 West. I run.
North, $89^{\circ}48'$ West. on true line between
sections 1st and 36..
Far. $13^{\circ}56'$ East.
- 15.00 Granite Creek, 100 links wide runs north.
- 16.00 Enter cornfield, bears north and south.
- 31.00 Road, north and south.
- 31.50 Leave bottom land and cultivated land.
- 40.00 Set a 1/4 section corner post in a
mound and pits, as per instructions. No trees near.
- 48.00 Road bears north and southnd ascend.
- 55.60 Top of ascent and descend.
- 71.00 Road bears north and south, at bottom of descent.
- 76.00 Road bears north and south.
- 80.00 Set a post in mound and pits, as per
instructions, for corner to sections
1, 2, 35th and 36. No trees near.
Land rolling. Soil 1st rate. No timber.

Peterson townships 14th & 15th North, Range 2 West.

Giland Salt River Meridian

Go North $89^{\circ}48'$ West, on true line between
sections 2nd & 35.

Var. $13^{\circ}56'$ East.

- 10.00 Enter northeast end of cornfield.
20.00 Leave the same, bears south west.
36.00 Road bears north east and south west.
40.00 Set a $\frac{1}{4}$ section corner Post in a
mound and pits as per instructions.

No trees near.

59.50 Road bears northeastnd south west.

80.00 Set a Post in mound and pits
as per instructions, for the corner
to sections 2, 3, 34nd & 35.

No trees near.

Land gently rolling.

Soil 1st rate.

No timber.

Return townships 14th 13 North. Range 2 West

Circleth Salt River Meridian

Sec North, 89° 48' West, on true line between
sections 3rd 34.

Var. 13° 56' East

40.00 Set a Post in ground and pits as
per instructions.

No trees near.

80.00 Set a Post in ground and pits
as per instructions, for the corner
to sections 3, 4, 33rd 34.

No trees near.

Land level and smooth.

Soil good. No timber
some brush.

Petroleum townships 14th & 15th North, Range 2 West
Gila and Salt River Meridian

As North 89° 48' West. between sections 4 & 33.
5 or 13° 56' East.

40.00 Put a '64 section corner Post in a
mound and pits as per instructions.
No trees near.

80.00 Put a post in a mound and pits
as per instructions, for the corner
to sections 4, 5, 32nd & 33.
No trees near.

Land, level, Soil good,
and south west from here
for one half a mile the soil is
1st rate.

No timber.

Peterson townships 14th & 15th North, Range 2 West.

Gila Salt River Meridian

Chs North $89^{\circ}48'$ West. on true line between
sections 5th & 32.

Var. $13^{\circ}56'$ East

37.00 Flat range runs north east.

40.00 Set a ¹/₄ section corner post in a mound
and set it as per instructions.

No trees near.

59.50 Road runs north and south.

80.00 Set a post in a mound and set it
as per instructions, for the corner
to sections. 5, 6, 31st & 32.

No trees near.

Land level, and smooth.

Soil 1st rate.

No timber.

Peterson townships, 14th & 15th North, Range 2 West

Gila and Salt River Meridians

As North $89^{\circ}48'$ West, on true line between
sections 6th and 31.

Sas. $13^{\circ}56'$ East

10.00 Land begins to ascend and stony.

40.00 Set a $\frac{1}{4}$ section corner stone $16 \times 10 \times 6$
inches as per instructions.

No trees near.

45.00 Ascent becomes steep

79.10 The corner to sections 1, 6, 31st and 36.

Land, steep north east slope
and stony.

Good grass and
some oak brush.

Aug. 9.

No timber.

July 17th 1871—

General Description

Township 14 North, Range 2 West, embraces a portion of the town of Pucott and also contains considerable good farming land, and all of it produces fine grass for pasturage.

Gravite Creek is a small stream that usually affords quite a volume of good water, but at this time is nearly dry, this being a very dry season.

There is also considerable timber in this section of country.

The Eastern Boundaries of Township
 14 North, Range 3 West
 Gila and Salt River Meridian

As On account of deep and impassable
 cañons and precipitous rocky
 mountains, the West boundary of
 this township cannot be run,
 and only a portion of the North
 boundary can be established.

I therefore begin at the north
 east corner of the township and run,
 West, on true line between sections 1 & 36.
 Var. $13^{\circ} 56'$ East

(as per east boundary)

- 40.00 Set a $\frac{1}{4}$ section corner stone $16 \times 8 \times 6$ inches
 as per instructions. No trees near.
- 80.00 Set a stone $18 \times 8 \times 6$ inches as per
 instructions, for the corner to sections
 1, 2, 35 & 36. No trees near.
 Land broken and stony.
 Soil poor, no timber.

North Boundary of Township 14 North, Range 3 West.

Gila and Salt River Meridian

As West. between sections 2nd and 3rd.

Var. $13^{\circ}56'$ East

40.00 Set a $\frac{1}{4}$ section corner stone $16 \times 11 \times 6$ inches as per instructions.

No trees near.

64.00 Begin steep rocky ascent.

80.00 Set a stone $18 \times 6 \times 6$ inches on a stone mound as per instructions for the corner to sections

2, 3, 34th and 35.

No trees near.

Land steep east slope and rocky.

Very little soil

No timber.

North Boundary of Township 14 North, Range 3 West.
Tila and Salt River Meridian

Chs West, between sections 3rd & 3rd 4th.
var $13^{\circ} 56'$ East

40.00 Set a 1/4 section corner stone $14 \times 10 \times 6$
inches as per instructions.

No trees near.

80.00 Set a stone $18 \times 10 \times 10$ inches as
per instructions for the corner
to sections

3, 4, 33rd & 3rd 4th

No trees near.

Land, very steep and rocky.

No soil and no timber.

and from here, to the west, the
rocks are so precipitous that
this line cannot be extended
any farther.

July 10

July 18th 1871. —

Peterson townships 14th 15 North. Range 1 West
Gila^{no} Salt River Meridian.

Chs From the corner to townships 14th 15
North, Ranges 1st 2 West. Iron -
East, on a random line on the north line
of sections 6. 5. 4. 3. 2nd 1.

Var 14° East

at 479 chains intersect the Gila^{no} Salt
River Meridian 72 links south of the corner
to townships 14th 15 North of Range 1 east and
1 West, from which corner I then run
South. 89° 55' West, between sections 1st 36.

Var. 14° East

21.00 Old wagon road bears north and south.

40.00 Set 1/4 section corner post in mound
and pits as per instructions. No trees near.

80.00 Set post in mound and pits as per
instructions, for the corner to sections
1. 2. 3 5th 36. No trees near.

Land smooth level plain.

Soil 2nd rate No timber.

Peterson townships 14th and 15 North, Range 1 West.

Gila and Salt River Meridian

to South $89^{\circ} 55'$ West.

between sections 2nd and 35.

San. 14° East.

40.00 Set $\frac{1}{4}$ section corner post in mound
and pits as per instructions

No trees near.

80.00 Set a post in a mound and pits
as per instructions, for the corner
to sections 2, 3, 34th and 35.

No trees near.

Land, smooth level plain.

Soil 2nd rate. No timber.

Petroleum townships 14th 13 North. Range 1 West.

Gila and Salt River Meridian

Ch. South $89^{\circ}55'$ West.

between sections 3rd 34.

var 14° East

40.00 Set a 14 section corner stone
14x10x10 inches, in mound, and
fits as per instructions.

No trees near.

80.00 Set a stone 14x9x8 inches in
mound and fits as per instructions
for the corner to sections
3, 4, 33rd 34.

No trees near.

Land smooth level plane.

Soil 2nd rate. No timber.

Peterson townships 14th & 15th North, Range 1 West.

Gila and Salt River Meridian

No. South 89° 55' West.

between sections 4th & 33.

Var. 14° East

4 40.00 Set a 41 section corner stone
14 x 10 x 8 inches in mound and
pile as per instructions.

No trees near.

80.00 Set a stone 14 x 10 x 10 inches
as per instructions, for the corner
to sections 4, 5, 32nd & 33.

No trees near.

Land smooth level plain.
Soil 2nd rate. No timber.

Peterson townships 14th 15 North, Range 1 West.

Gila and Salt River Meridian

Chs South 89° 55' West

between sections 5th and 32.

or 14° East.

40.00 Set a 1/4 section corner stone
16 x 10 x 8 inches in mound and
pits as per instructions.

No trees near.

80.00 Set a stone 18 x 8 x 6 inches in
mound and pits as per instruc-
tion, for the corner to sections
5, 6, 31^{and} 32.

No trees near

Land smooth level plain.

Soil 3rd rate. No timber.

Peterson townships 14th and 15 North. Range 1 West.
Gila and Salt River Meridian

Chs. South $89^{\circ} 55'$ West

between sections 6th and 31.

Var. 14° East

40.00 Set a 144 section corner stone
16 x 10 x 8 inches, in mound and
file as per instructions.

No trees near.

64.70 Road bears north and south.

79.00 The corner to sections
1, 6, 31th and 36.

Land smooth level place.

Soil 2^d rate. No timber.

aug 11
July 19th 1871. —

S. J. Foreman
Dept. Surveyor

List of Names.

A List of the Names of the individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of The Exterior lines of Tps. 13 N. R. 4 E & Tps. 14 N. Rs. 1, 2, & 3 W of Sec 4 & Salt Run Base & Nuredean lines

showing the respective capacities in which they acted.

A. S. Harris	Compassman.
Joseph Samuel	Chainman.
J. L. Harris	Chainman.
Geo. W. Carr	Axeman.
James Daly	Flagman



Final Oaths of Assistants.

We hereby certify that we assisted Solomon W.
 Foreman Deputy Surveyor, in surveying
 the exterior boundaries of Townships
 13 N. Range 4 West and of
 Townships 14 North of Ranges
 1, 2 and 3 West. of Gila &
 Salt River Basins & made an

and that said Survey has been in all respects, to the
 best of our knowledge and belief, well and faithfully sur-
 veyed, and the boundary monuments planted according to
 the instructions furnished by the Surveyor-General.

Joseph General
 J. D. Harris
 George W. Carr
 James Daly.

Subscribed & sworn to
 before me this 28th 11th
 day of July 1871.
 Cowdell's Census Dist
 3^d Dist Arizona

Final Oath of Deputy Surveyor.

I, *Solomon W. Forman*
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with *John Wasson*
 United States Surveyor-General for Arizona, bearing date
 the day of , I have well, faithfully
 and truly, in my own proper person, and in strict con-
 formity with the instructions furnished by the Surveyor-
 General, the Surveying Manual, and the laws of the
 United States, surveyed all those parts or portions of *The*
Extremor Boundary Lines of
Township 13 N. Range 3 West
of Townships 14 N. Ranges 1, 2
and 3 West of The Gila
& Salt River Base
& meridian lines -



Boundaries are represented in the foregoing Field Notes as having

been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Solomon W. Foreman
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 28th 11
day of ~~July~~^{Aug} 1871

E. W. Wells
Chert Dist Court
3^d Dist Arizona



Surveyor General's Office
 Tucson A.T.
 October 20th 1871

The foregoing Field Notes of
 the Survey of the Eastern Bound-
 aries of Townships 13 N. Range
 4 W. & 14 N. Ranges 1, 2 & 3 W.
 S. 1/4 Salt River Meridian
 in the Territory of Arizona
 executed by S. W. Foreman
 Deputy Surveyor, under his
 contract dated May 29th 1871
 having been critically exam-
 ined, the necessary correc-
 tions and explanations made
 the said field notes and
 the surveys they describe
 are hereby approved.

John Mason
 U. S. Surveyor General
 for Arizona

