

Bound March 29<sup>th</sup> 1894

2.

Approved by Hon Commr Jan 30. 95

1970

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BOOK 1970

Book II  
4-671

1970

FIELD NOTES

1970

~~GENERAL LAND OFFICE.~~

A mended West Boundary  
\_\_\_\_\_ of the \_\_\_\_\_

White Mountain Indian  
Reservation - Arizona.

By Charles E. Perkins O. S.

Contract N<sup>o</sup> 34. \_\_\_\_\_

February 6. 1894. \_\_\_\_\_

1970

Field Notes  
of the survey of the  
Amended West Boundary  
of the  
White Mountain  
Indian Reservation  
in the  
Territory of Arizona  
as surveyed by  
Charles E. Perkins.  
U. S. Deputy Surveyor  
Under his contract No. 32  
Dated February 6 1894

Survey commenced March 10, 1894  
Survey completed March 14, 1894

Annexed West Boundary of the

Names and duties of Assistants

Pearl G. Ellison Chairman

William G. Shanley Chairman

Edward P. Shanley Assman

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## White Mt Indian Reservation

hams

North on 20<sup>th</sup> mile.Ca.  $N 12^{\circ} 34' E$ 

Over broken stony ground

40.00

Set a slate stone

30 x 19 x 5 ins, 20 ins, in  
the ground for the  
corner to the 19 $\frac{1}{2}$  mile,marked W.M. I. R. A. W. B. 19 $\frac{1}{2}$  M.  
on its E face, from whichA cedar 17 ins. in diam.  
bears  $N 4^{\circ} E$ , 137 lks dist.  
marked, W.M. I. R. A. W. B. 19 $\frac{1}{2}$ 

M. B. T.

A cedar 6 ins. in diameter  
bears  $N 17^{\circ} W$ , 104 lks dist  
marked W.M. I. R. A. W. B. 19 $\frac{1}{2}$  M

B. T.

A cedar 12 ins. in diam  
bears  $S 65^{\circ} W$ , 227 lks dist.

Amended West Boundary of the  
Chains

marked W.M. & R.A.W.B. 19 1/2  
M. B.T.

Raised a mound of stone  
2 ft high, 3 ft base  
along side.

Dug pits, 18 X 18 X 12 ins. on  
the N, S, E, and W, at 5 1/2 ft  
distant.

Over stony mesa  
Descend 600 ft.

69.00 Bottom of canon course N.E.

Ascend 550 ft.

80.00 Top of ridge course E.

Set a limestone 21 X 18 X 11 ins  
14 ins in the ground for  
the cor. to the 20 mile,  
marked W.M. & R.A.W.B.

20 M. on its east face  
from which

## White Mt Indian Reservation

Chams

A pinon 8 ins. in diam.  
bears S 87° W., 89 lbs dist  
mkd W.M. I. R. A W. B. 20 M. B.T.

A pinon 10 ins. in diam.  
bears W., 211 lbs dist, mkd  
W.M. I. R. A W. B. 20 M. B.T.

A pinon 7 ins. in diameter  
bears N 63° W., 121 lbs dist.  
mkd W.M. I. R. A W. B. 20 M. B.T.

Raised a mound of stone  
2 ft. high, 2 1/2 ft base  
alongside

Rib impracticable

Land mountainous

Soil 4<sup>th</sup> rate producing  
a fair amount of grass  
Timber, scattering oak  
cedar & pinon

Watershed N.E.

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2 1/2<sup>mi</sup> mile

Amended West Boundary of

Chains

North on 2 1/2 mile

Va 12° 34' E

Descend 800 ft

31.00 Canon course N 71° E

which flows directly  
into Salt River canon  
at about 500 yds <sup>E</sup> of  
the line

40.00 Set a limestone 22 x 16 x 11 ins

14 ins in the ground  
for the cor. to 2 1/2 miles,  
marked W.M. D. R. A W B, 20 1/2  
M. on its E face

Raised a mound of stone

2 1/2 ft high 3 ft base  
alongside

Pit impracticable

Ascend 600 ft over broken  
cliffs and loose rock

## White Mt. Indian Reservation

chains

80.00 Ridge course  $N 87^{\circ} E$ .  
 A syenite rock in place  
 $7 \times 6 \times 4$  ft, above ground  
 which I marked with  
 a cross (X) at the  
 exact cor. point for  
 the 21 miles, and also  
 mkd W.M. I.R. A.W.B. 21.M. on  
 its E face

M.C. on its N face

W.C. on its S face

from which

A cedar 10 ins in diam  
 bears  $S 23^{\circ} W$ , 209 lks dist  
 marked W.M. I.R. A.W.B. 21.  
 M. M.C. W.C. B.T.

A cedar 15 ins in diam  
 bears  $S 19^{\circ} E$ , 327 lks dist

Amended West Boundary of the  
Chains

marked W.M. J.R.A.W.B. 21

M. M.C.W.C. B.T.

No other trees within  
the limit

A sharp red peak bears  
 $N. 1^{\circ} E.$  on the N side of  
Salt River

A high sharp peak on  
the N side of Salt River  
bears  $N 22^{\circ} E$

A high sharp peak on  
the N. bank of Salt River  
bears  $N 53^{\circ} E$

The falls of Arroyo  
Creek bear  $S 21^{\circ} E$

A high point of Timber  
Camp Mountain bears  
 $S 13^{\circ} W$

Raised a mound of stone

White Mt Indian Reservation

Chambers

6ft high 8ft base  
alongside and over  
the rock in place  
Pits impractic cable  
Land... mountainous  
Soil. 4<sup>th</sup> rate producing  
but little grass  
timber scattering cedar  
This is the roughest  
portion of the line  
Salt River in its canon,  
lies abt. 1/2 mile to the E.  
where it makes a  
large heart shaped  
bend, the apex pointing  
almost due north,  
after which the river  
turns to the west and  
southwest

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Amended West Boundary of the  
Chains✓ North on 22<sup>nd</sup> mileVa.  $12^{\circ}34'E$ .

This point was as near  
to the centre of Salt River  
as a cor. could be  
safely constructed.

I therefore measured  
to the centre of Salt River  
and found the distance  
to be

27.00

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 March 14 1894

General Description

This line from its  
initial point on the  
summit of Chromo Butte,  
for a distance of  
seven miles passes  
over a broken, sparsely

White Mt Indian Reservation

timbered, stony, tract which contains abundance of water and a plentiful quantity and quality of range grass, which with the scrub oak browse, forms an excellent range for stock.

Cottonwoods and willow grow in all the larger creeks and washes.

From the seven mile cor. to the 15½ mile cor. the line passes over rough granite hills and mountains, covered with a scattering growth of brush and scrub.

Amended West Boundary of the

timber, and some grass; but there is an abundance of water for stock purposes

Between the 15½ mile corner and the 20 mile corner the land becomes more rolling, the timber increases in size and quantity, as does also the grass; there being still plenty of fresh springs of water. After leaving the 20<sup>th</sup> mile cor. the line to the Salt River, passes over a wild mountainous region, almost destitute of

White Mt Indian Reservation

vegetation.

Near to, and above  
the terminal point, the  
Canon of Salt River  
is said to be the deep-  
est in its whole length  
Its waters were  
muddy and tasteless.

A few miles below, to the  
S.W. the river flows  
over immense deposits  
of salt,

On the whole tract  
cut off from the Reservation  
there are no agricul-  
tural lands, worthy  
of mention.

Charles E. Perkins  
U.S. Deputy Surveyor

Final Oath of U. S. Deputy Surveyor.

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I, Charles E. Perkins BOOK 1970

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Royal A. Johnson~~, United States Surveyor-General for Arizona, bearing date of the 5th day of

February 1897, 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 Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Amended West

Boundary of the White Mountain Indian Reservation

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, 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 Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific

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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.

Charles E Perkins  
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 28<sup>th</sup>

day of March, 1894

Levi A Manning  
U. S. Surveyor General  
District of Arizona

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List of Names.

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A List of the Names of the Individuals  
employed by *Charles E Perkins*

U. S. Deputy Surveyor, to assist in running, meas-  
uring and marking the lines and corners described  
in the foregoing Field Notes of the survey of the  
*Amended West Boundary*  
*of the White Mountain*  
*Indian Reservation*

~~of the Gila and Salt River Base and Meridian~~, in  
the Territory of Arizona, showing the respective  
capacities in which they acted.

*Pearl G Ellison* Chainman.

*William J Shanley* Chainman.

..... Chainman.

..... Chainman.

*Edward P Shanley* Axeman.

..... Axeman.

..... Flagman.

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# Final Oath of Assistants.

We hereby certify that we assisted

*Charles Perkins* U. S. Deputy Surveyor, in  
surveying all those parts or portions of the  
*Amended West Boundary*  
*of the White Mountain*  
*Indian Reservation*

**BOOK 1970**

of the Gila and Salt River Base and Meridian, in  
the Territory of Arizona, 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.

*Paul J. Edison* Chainman.

*William J. Stanley* Chainman.

Chainman.

Chainman.

*Edward J. Stanley* Axeman.

Axeman.

Flagman.

Sworn to and subscribed before me, this *16<sup>th</sup>*

day of *March*, 189*4*

*Charles E. Perkins*

Notary Public.

*U.S. Dep Survey*

[SEAL.]

U. S. Surveyor-General's Office,

TUCSON, A. T., July 29 1894

The foregoing Field Notes of the Surveys of  
The amended West  
Boundary of the White  
Mountain Indian  
Reservation Gila and Salt River Meridian  
in Territory of Arizona executed by  
Charles E. Perkins

U. S. Deputy Surveyor, under his contract dated  
February 6<sup>th</sup> 1894  
having been critically examined, the necessary correc-  
tions and explanations made, the said Field Notes and  
the surveys they describe are hereby approved.

L. H. Manning  
U. S. Surveyor-General  
for the Territory of Arizona.