

No. 3,

See Index
Field Notes

1490

OF THE SURVEY OF THE

Eastern or West bdy line of
 T^p. 20 S. R. 16 E.

-OF-

Township 20 S Range 16 E.

Gila and Salt River Base and Meridian

1490
 ARIZONA.

By *Lewis Wolfley* D.S.

Under contract dated *April 11* 1885.

Survey commenced *June 4th* 1885.

Survey completed *June 4th* 1885.

1490

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1A

Preliminary Oaths of Assistants.

We James Cannon
and H L Grimsdew

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

Tp. 20 S. R. 16 E., the
Sub-divisions of the
West Extension of the
Company line to Camp Crittenden

of the principal base and meridian in the Territory of Arizona.

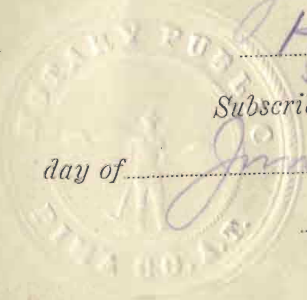
James Cannon Chainman.

H L Grimsdew Chainman.

Subscribed and sworn before me, this 4th

day of June 1885

Lewis H. Hollings
Notary Public.



We J. J. Blinckson, and
W. H. Wiley & M. Sweeney

do solemnly swear that we will well and truly perform the
the duties of Marker and

monument men

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
in the survey of the Subdivision lines of

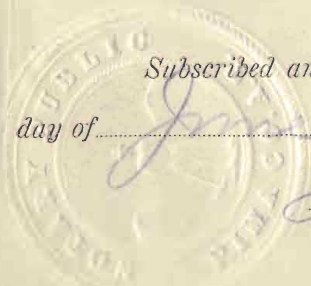
T 20 S. R 16 E. and the
exterior line of the West bay
of T 20 S. R 16 E. also the connecting
lines to camp Crittenden

of the principal base and meridian in the Territory of Arizona.

Thomas M. Sweeney Marker
W. H. Wiley Monument
J. J. Blinckson "

Subscribed and sworn to before me this 4th

day of June 1885



James M. Walker
Notary Public.

1490

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BOOK 1490

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R. 16 East. Page 3 to

BOOK 1490

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The instruments used in making this survey, were

1st A Solar Compass made by John Roach of San Francisco Cal. with the Gurley patent telescopic attachment.

2^d A Solar Transit made by Young & Sons of Philadelphia. Both instruments were examined and adjusted on the true Meridian at Tucson Arizona May 15th 1885 and found to be in good order

West bdy of Twp. 20 S. R. 16 East.

Chains

Beginning at The Staub. Cor. to
Tps 20 S. Rs. 15 + 16 East, which
is a post 4 ins sq. in mound of
earth, properly marked and
pits of requirer size, from which

An Oak Tree 12 ins in diam
bears N. $53\frac{1}{2}^{\circ}$ E. 93 lks. dist.

An Oak Tree 10 ins in diam,
bears S. $73\frac{1}{2}^{\circ}$ E. 54 lks. dist.

An Oak Tree, 10 ins. in diam
bears S. $53\frac{1}{2}^{\circ}$ W. 68 lks. dist

I run North on a
random line

N $12^{\circ} 10'$ E.

Setting temporary $\frac{1}{4}$ + Dec. Cors
at every 40 + 80 Chains, and at
6 miles and 25 lks I arrive at
a point 25 lks E. of The

West bdy of Tp 20 South

Chains.

A White Oak Tree 8 ins diam.
 bears N. 20° W. 1 Ch. dist.
 Marked T. 20 S. R. 15 E. S. 1.
 B. T.

Surface rolling
 Soil 4" rate
Grass good

S. 2' E. on a true line bet.
 Secs. 7 + 12.

7^a. 12° 10' E.

30.00 Cross Creek Course E. 5 links
 wide, and ascend over
 broken ground Gardner's Cañon.

40.00 Set a Lime Stone 16 x 10 x 8
 ins. 11 ins in the ground
 for 1/4 Sec. Cor. Marked 1/4

Range 16 East

Chains

on N. face, and raised a mound of stone alongside.

54.00 Cross Road bears E. + W. and continue to ascend over rough ground.

60.00 Top of slope and descend.

80.00 A. Quartz Stone, in place, 24 x 24 ins above the ground which I mark with a Cross (+) at exact Cor. point for Cor. to Secs. 7-12-13+18. marker with 2 notches on N. and 4 notches on S. edges, and raised a mound of stone along side from which.

A. White Oak Tree 24 ins in diam bears S. 6° W. 20 lks. dist. marker T. 20 S. R. 15 E. Sec. 13. R. 1.

West bay of T_w. 20 South

Chains

Surface Mountainous 50 Chs

" Level 30 .

Soil 4th rateGrass poorS. 2' E. on a true line bet.
Secs. 13 + 18.

Va 12° 10' E.

10.00 Cross dry Wash of Hog
Cañon, and ascend slope
at an angle of 10°18.00 Top of slope and descend
at an angle of 12°40.00 After making the correct
allowance, I set a Granite Stone
12 x 7 x 6 ins. 7 ins in the
ground for 1/4 Sec cor. Mark

Range 16 East

Chains

- $\frac{1}{4}$ on N. face. and raised a mound of Stone alongside. and continue to descend slope at an angle of 12°
 45.00 Foot of slope and cross dry Wash Course E. South fork of Hog Cañon, and ascend slope at an angle of 45°
 62.00 Top of slope and descend at an angle of 12°
 80.00 After making the correct allowance, I set a Granite Stone $20 \times 14 \times 9$ ins 13 ins. in the ground for Cor to Dec. 13, 18, 19 + 24, marked with 3 notches on N. & S. edges, and raised a mound of Stone alongside from which

West bdy of Tp. 20 South

Chains

A Black Oak Tree 8 ins in diam
 bears N. 35° E. 40 lks dist.
 Marked T. 20 S. R. 16 E. P. 18. B.T.

A Black Oak Tree 8 ins in diam.
 bears N. 38° W. 35 lks dist.
 Marked T. 20 S. R. 15 E. P. 13. B.T.

Surface Mountainous

Soil + roots and rocky
 grass poor

Scattering Trees + brush

S. 2' E. on a true line bet.

Secs. 19 + 24

Val 12° 10' E.

Descent slope at an angle
 of 12°

10.00

Foot of slope and cross dry wash

Range 16 East

Chains

Course East and

27.00 Ascend slope at an angle of 15° 33.00 Top of slope and descend at an
angle of 18°

40.00 After making the correct allowance

I set a Lime Stone $19 \times 12 \times 8$ ins. in
ins. in the ground for $\frac{1}{4}$ Dec. Cor.
Marked $\frac{1}{4}$ on N. face and raised
a mound of Stone alongside,
and continue to descend slope at
an angle of 18°

50.00 Set a Granite Stone $20 \times 16 \times 14$ ins.

16 ins. in the ground for Cor. to Dec.
19, 24, 25 + 30. Marked with 4
Notches on N. and 2 Notches
on S. edges, and raised a mound
of Stone alongside. from this
a White Oak Pole 12 ins. in diam

West Bay to Tr. 20 South

Chains

to Secs 25, 30, 31 + 36 Marked
with 5 Notches on N. and
1 Notch on S. edges and
raised a Mound of Stone
alongside.

Surface Mountainous

Soil 4th rate

Grass fair

Scattered Oak Trees

S. 2' E. on a true line bet.
Secs. 31 + 36.

Na 12° 10' E.

Continue to descend

40.00 After making the correct allowance
I set a Granite Stone 17 x 12 x 6 ins.
12 ins. in the ground for

Range 16 East.

Chino

$\frac{1}{4}$ Sec. Cor. Marker $\frac{1}{4}$ on
N. face and raised a mound
of stones alongside, and con-
tinue to descend at an angle
of 12° .

80.00 ^{To} The Stand. Cor. to Dps 20 S.
Rs. 15 & 16 East. from which
I started.

Surface rolling
Soil 4th rate
Grass fair

I carefully examined the ad-
justment of my Solar Transit
and found them correct.
June 4th 1885.

West bdy of Tp 20 S. R. 16 East

General Description

The Surface of this tract is mostly Mountainous. The grass good and the soil poor. There is considerable growth of Oak Trees.

For final notes see book
No. 2.

U. S. Surveyor General's Office,

Tucson, Arizona, Nov 4th 1885-

The foregoing Field Notes of the Survey of the

West boundary line of
T^p 20 South R 16 E

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by Lewis Wolfley

Deputy Surveyor, under his contract of the 11th day

of April, 1885, 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 A. Johnson
Surveyor General.