

1959

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~~1878~~ BOOK 1959

1959

Book "A"

1959

# FIELD NOTES

OF THE SURVEY OF <sup>that Partion of the Exterior</sup> THE

*Boundaries Camp Mohave Indian Reservation  
situate in Arizona.*

~~1878~~

1959

1959

Of the *Gila and Salt River* Meridian,

AS SURVEYED BY

*John J. Terhune*, United States Deputy Surveyor,

Under his Contract No. *127*, dated *March 14<sup>th</sup>*, 18*95*

Survey commenced *Dec. 11<sup>th</sup>*, 18*95*

Survey completed *Dec. 15<sup>th</sup>*, 18*95*

6-151

1959

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1A

NAMES AND DUTIES OF ASSISTANTS.

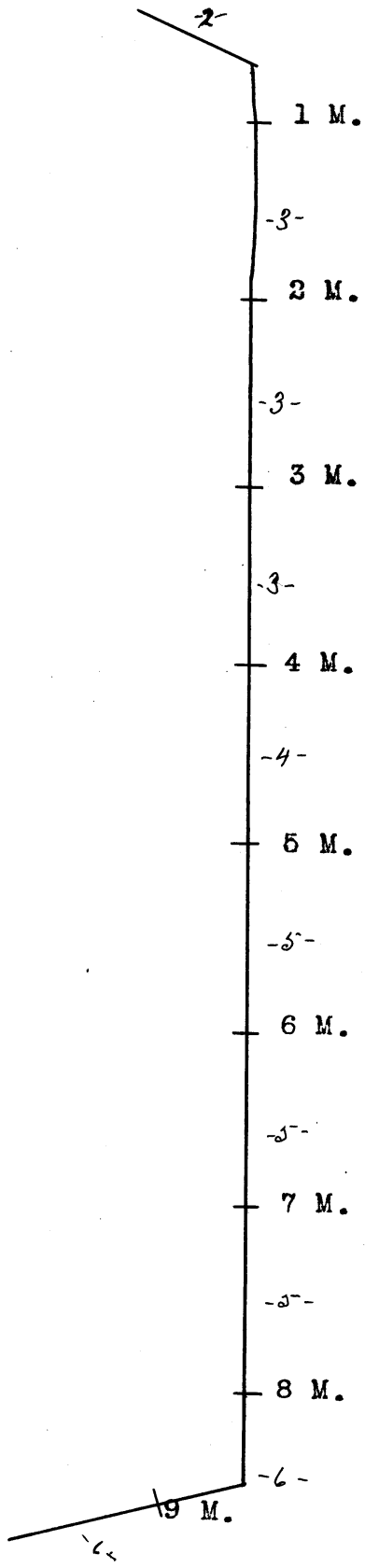
Henry R O'Connor	Chairman
Geo. W. Cessidy	Chairman
Henry R O'Connor	Wardman
Geo W Cessidy	Wardman
J. J. Murphy	Asst man
J. W. Richells	Asst man
Irving T. Cuyper	Flagman

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Index Diagram.

BOOK 1959

Camp Mohave Indian Reservation.



# INDEX DIAGRAM.

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BOOK 1959

PRELIMINARY OATHS OF ASSISTANTS.

WE, Henry R O'Connor and Geo. W Cassidy  
do solemnly swear that we will well and faithfully execute the duties of chainmen; 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 distances to all notable objects, and the true lengths 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 Camp Mohave Indian Reservation

Henry R O'Connor, Chainman.  
Geo. W Cassidy, Chainman.

Subscribed and sworn to before me this 4<sup>th</sup>  
day of October, 1905



My commission expires  
May 9, 1908

J. J. Fisher  
Notary Public

WE, Henry R O'Connor and Geo W Cassidy

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Camp Mohave Indian Reservation

Henry R O'Connor, Moundman.  
Geo W Cassidy, Moundman.

Subscribed and sworn to before me this 4<sup>th</sup>  
day of October, 1905



My commission expires  
May 9, 1908

J. J. Fisher  
Notary Public

WE, J. J. Murphy and J. W. Ricketts

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Camp Mohave Indian Reservation

J. J. Murphy, Axman.  
J. W. Ricketts, Axman.

Subscribed and sworn to before me this 4<sup>th</sup>  
day of October, 1905



My commission expires  
May 9, 1908

J. J. Fisher  
Notary Public

I, Irving V Anger, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Camp Mohave Indian Reservation

Irving V. Anger Flagman.

Subscribed and sworn to before me this 4<sup>th</sup>  
day of October, 1905



My commission expires  
May 9, 1908

J. J. Fisher  
Notary Public

## BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains

December 11th, 1905.

Survey commenced December 11th, 1905 and executed with a W. and L. E. Gurley Light Mountain Transit not numbered with Smith Solar Attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers on the lat and decl arcs.

The instrument was examined, tested on the true meridian at Phoenix, found correct and was approved by the Surveyor General of Arizona September 25th, 1905. I examined the adjustments of the Transit and correct the level and collimation errors; then to test the Solar Apparatus by comparing its indications resulting from Solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris, I proceed as follows:

At the remains of the old flag staff in the center of the parade grounds of Camp Mohave Military Post, which is an iron pipe standing about 4 ins above ground and said to be the remains of the original flag staff to which Lieut. Wheeler refers in his survey of said Camp Mohave Military Reservation, in lat  $34^{\circ} 58' 45''$  N longitude  $114^{\circ} 34' 45''$  W, I set off  $34^{\circ} 59'$  N on the lat arc,  $22^{\circ} 57'$  S on the decl arc and determine a true meridian with the Solar and mark a point thereof on a stone firmly set in the ground 5 chs N of my point at 4h.p.m.l.m.t.

December 11, 1905.

December 12th.

*at 2h.1m* At 1h. 56m. a.m.l.m.t., I observed Polaris at Western elongation in accordance with the Manual of Instructions and mark a point in the line thus determine on a peg driven in the ground at a point 5 chains N of my station.

At 7h. 45m. a.m.l.m.t., I lay off the Azimuth of Polaris  $1^{\circ} 28'$  to the E and mark the meridian thus determined by cutting a small groove in the stone set December 11th on which the meridian falls 0.4 ins E of the mark determined by the Solar.

At 8h. a.m.l.m.t., I set off  $34^{\circ} 59'$  N on the lat arc,  $23^{\circ} 0'$  S on the decl arc and mark a point in the meridian determined by the Solar by a cross on the stone already set 5 chs N of my station. This mark falls 0.3 ins E of the meridian established by Polaris observations.

The Solar Apparatus by p.m. and a.m. observations defines positions for meridians respectively about  $0' 21''$  W and  $0' 21''$  E of the meridian established by the Polaris observations. Therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8h.a.m. is  $N 15^{\circ} 15' W$ , the angle thus determined gives the magnetic decl  $15^{\circ} 15' E$ .

Thus I run over a level mesa country

$N 83^{\circ} 31' 37'' E$

68.99

To point. From this point I made diligent search in all directions for post or station No. 1, the original NE cor of the Post Reservation proper. I could find no trace of said cor. Therefore, at the above point I set a granite stone, 24 x 10 x 8 ins, 18 ins in ground for NE cor of Camp Mohave Indian Reservation, marked C.M.I.R. N.E. cor on the side facing the Reservation and P.L. on opposite side. Raised a mound of stones 3 ft base,  $2\frac{1}{2}$  ft high NW of cor, whence

Ghost Mountain, bears  $N 22\frac{1}{2}^{\circ} W$

Union Pass, bears  $N 54\frac{1}{2}^{\circ} E$

Boundary Cone, bears  $S 68\frac{1}{2}^{\circ} E$

Monument Peak, bears  $S 62\frac{1}{2}^{\circ} W$

Water Tower at Camp Mohave Indian School bears  $S 86^{\circ} W$ .

## BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains	Thence I run on a random line N 56° 51' 52" W
56.00	Intersect left bank of Colorado River, river bank about 40 ft above river, where I set temporarily the initial monument of this survey, then continuing on this course on a blank line
232.60	To point where post or cor No. 4 of the Military Reservation should be. After diligent search in all directions from this point, I could find no trace or remains of said cor. Therefore I returned to a point where I set temporarily the initial point of this survey and set a granite stone, 24 x 14 x 12 ins, 18 ins in ground for NW cor of the Reservation in Arizona, marked C.M.I.R. I.M. N.W. cor Arizona on SE side and P.L. on N side. Raised a mound of stones, 3 ft base, 2½ ft high, NW of cor, whence Boundary Cone bears S 68° E, about 12½ miles dist. Union Pass bears N 47½° E, about 20 miles dist. Monument Peak bears S 59° W about 10 miles dist. Ghost Mountain bears N 20½° W about 15 miles dist. Thence I run S 56° 51' 52" E on a true line on N Bdy of Reservation, over level mesa country.
40.00	Set a granite stone, 24 x 10 x 8 ins, 18 ins in ground for ¼ mile cor, marked C.M.I.R. on SW face and P. L. on NE face and ¼ M. on W face. Raised mound of stone, 3 ft base 2 ft high NW of cor. No trees, pits impracticable.
40.50	Cross wash, 20 lks wide, course NE
53.00	Cross wash, 20 lks wide, course NE
56.00	The NE cor of Reservation Soil, gravelly, second rate. Land, level. No timber, very little vegetation. December 12th, 1905.
-----	
December 12th, 1905 At 2h. 30m. p.m. l.m.t., I set off 34° 59' N on the lat arc and 23° 3' S on the decl arc and determine the true meridian at the old flag staff at post. Thence I run on a blank line S 10° 43' 41" E over mesa country	
347.52	To point, where post or Station one of Hay and Wood Reservation was reported to have been located, where I set a temporary cor for the E.S.C, C.M.I.R. From this point I made a thorough search for the remains of said post or station one but could find no trace of same. Therefore, I returned to NE cor of Reservation, which I previously set. December 12th, 1905.
-----	
December 13th. At 7h. 30m. a.m. l.m.t., I set off 34° 59' N on the lat arc, 23° 0' S on the decl arc and determined with the Solar the true meridian at the NE cor of Camp Mohave Indian Reservation. Thence I run S 0° 38' 6" W on a true line bet the NE cor and temporary E.S.C. cor, over level mesa country. Descend.	
6.50	Cross gulch, 60 lks wide, course NE Soil, rocky and gravelly, third rate Land, broken mesa country. No timber. Very little vegetation, principally grease wood brush.
6.90	Cross road, course E and W
19.90	Cross fence, course E and W
24.00	Set a lava stone, 36 x 15 x 12 ins, 24 ins in ground for 1 Mile Stone, marked C.M.I.R. on W, 1 M on N and P. L. on E faces. Dig pits, 36 x 36 x 12 ins, 4 ft E and W of stone. Raised mound of earth 5 ft base, 2½ ft high N of stone.
-----	

## BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION

chains	
	Thence I run S 0° 38' 6" W over level mesa country.
11.44	Whence a water tower at Camp Mohave, bears N 66° 55' W
40.00	Set a lava stone, 24 x 15 x 10 ins, 18 ins in ground for 1/2 Mile Stone, marked C.M.I.R. on W face, 1/2 M on N, and P. L. on E faces. Dig pits, 36 x 36 x 12 ins, 4 ft E and W of stone. Raised mound of earth, 5 ft base, 2 1/2 ft high N of stone. No trees nor stones. Had to haul stone for corner.
80.00	Set a lava stone, 20 x 12 x 8 ins, 15 ins in ground for 2 Mile Stone, marked C.M.I.R. on W, 2 M on N, and P.L. on E faces. Dig pits 36 x 18 x 12 ins, 4 ft E and W of stone and raised mound of earth 5 ft base, 2 1/2 ft high N of stone. Soil, sandy and gravelly, second rate. Land, level, mesa, covered with scant growth of grease wood brush. Very little other vegetation.
	-----
	Thence I run S 0° 38' 6" W
5.65	Cross road, course SE-NW
21.75	Cross fence, course SE-NW
26.90	Cross road, course SE-NW
34.00	Cross road, course NE-SW
40.00	Set a lava stone, 20 x 12 x 6 ins, 15 ins in ground for 1/2 Mile Stone, marked C.M.I.R. on W, 1/2 M on N and P.L. on E faces. Dig pits, 36 x 36 x 12, 4 ft E and W of stone. Raised a mound of <del>stone</del> 5 ft base, 2 1/2 ft high N of stone.
	Descend
56.00	Cross wash, 40 lks wide, course SE Ascend
63.00	Summit of ridge, course E and W Descend
71.00	Cross dry creek, 150 lks wide, course SW Ascend
80.00	Set a granite stone, 24 x 10 x 8 ins, 18 ins in ground for 3 Mile Stone, marked C.M.I.R. on W, 3 M on N and P.L. on E faces. Raised monument of stones, 3 ft base, 2 ft high, N of stone. Soil, gravelly, second rate. Land, rough broken mesa country, covered with <del>scant growth of</del> grease wood brush. Very little other vegetation.
	-----
	Thence I run S 0° 38' 6" W, over rough broken country.
	Ascend
11.00	Summit of ridge, course E and W Descend
32.00	Cross gulch, 50 lks wide, course SW Ascend
40.00	Set a lava stone, 24 x 10 x 8 ins, 18 ins in ground for 1/2 Mile Stone, marked C.M.I.R. on W, 1/2 M on N, and P.L. on E faces. Raised mound of stone, 3 ft base, 2 ft high, N of stone. No trees, pits impracticable.
45.00	Summit of ridge, course E and W Descend
51.00	Cross canon, 50 lks wide, course SW Ascend
58.00	Cross ridge, course SW-NE Descend
66.00	Cross canon, 50 lks wide, course W Ascend
75.00	Cross summit of ridge, course E and W Descend
80.00	Set a granite stone, 24 x 10 x 8 ins, 18 ins in ground for 4 Mile Stone, marked C.M.I.R. on W, 4 M on N, and P.L. on E faces. Raised mound of stones 3 ft base, 2 ft high N of stone.



BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains

Soil, gravelly, second rate.  
Land, broken, mountainous, cut up by deep canons and gulches. Covered with a scant growth of grease wood brush. Very little other vegetation.  
Mountainous land, 80.00 chs.

- 
- Thence I run  
S 0° 38' 6" W
- 13.00 Cross canon, 50 lks wide, course SW. Ascend  
23.00 Cross ridge, course NE-SW  
Descend
- 34.50 Cross canon, 150 lks wide, course W  
Ascend
- 40.00 Set a granite stone, 30 x 8 x 8 ins, <sup>23</sup> 24 ins in ground for  $\frac{1}{2}$  Mile Stone, marked C.M.I.R. on W,  $\frac{1}{2}$  M on N, and P. L. on E faces. Raised mound of stones, 3 ft base, 2 ft high, N of stone.
- 45.00 Cross summit of ridge, course E and W  
Descend
- 51.00 Leave mesa, enter Mohave Valley, through mesquite timber and dense undergrowth of arrow wood.
- 80.00 Set a mesquite post, 5 ins sq., 4 ft long, 3 ft in ground for 5 Mile Post, marked C.M.I.R. on W, 5 M on N, and P.L. on E faces, whence ~~T19N1722W534~~
- A mesquite, 6 ins in diam, bears N 57 $\frac{1}{2}$ ° W, 110 lks dist, marked C.M.I.R. 5 M, B.T.  
A mesquite, 8 ins in diam, bears S 47 $\frac{1}{2}$ ° W, 90 lks dist, marked C.M.I.R. 5 M. B.T.
- Soil, gravelly and sandy loam, second and first rate.  
Land, 51.00 chs rough mountainous, cut up by deep canons. 29.00 chs, Valley, covered with mesquite timber and dense undergrowth of arrow wood.  
Mountainous land or land covered with timber and dense undergrowth, 80.00 chs.
- At 2:20 p.m. I set off 34° 55' N on the lat arc, 23° 8' S on the decl arc. Resulting lat. is 34° 55' N*
- Thence I run  
S 0° 38' 6" W, through heavy mesquite timber and dense undergrowth of arrow wood.
- 5.24 To temporary E.S.C. or NE cor of old Hay and Wood Reservation.  
Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for E.S.C. post, marked E.S.C.C.M.I.R. on W, 5 M 5.24 chs on N, and P.L. on E faces, whence ~~T18N1722W53~~
- A mesquite, 10 ins in diam, bears S 45 $\frac{1}{2}$ ° W, 27 lks dist, marked E.S.C.C.M.I.R. B.T.  
A mesquite, 10 ins in diam, bears N 37° W, 40 lks dist, marked E.S.C.C.M.I.R. B.T.
- Soil, sandy loam, first rate.  
Land, level, covered with heavy mesquite timber and dense undergrowth of arrow wood, 5.24 chs.  
December 13th, 1905.
- 

December 14th, 1905.

At 8h.a.m.l.m.t., I set off 34° 55' N on the lat arc, 23° 8' S on the decl arc and determine a true meridian with the Solar at the E.S.C. post.

- Thence I run  
S 1° 4' 28" W on a random line on E bdy of the Hay and Wood Reservation.
- 272.50 Setting temporary Mile and  $\frac{1}{2}$  Mile Posts to a point where post or station No. 2, was purported to have been set. After a thorough and diligent search in all directions from this point, I could find no trace of said corner. I therefore, returned to the E.S.C. post and run  
S 1° 4' 28" W on a true line.
- 8.76 Cross Rio Colorado Irrigation Company's Canal, base 20 ft, depth, 5 ft, course SE.
- 34.76 Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for  $\frac{1}{2}$  Mile Post, marked C.M.I.R. on W,  $\frac{1}{2}$  M on N, and P.L. on E faces, whence ~~T18N1722W53~~

BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains	<p>A mesquite, 6 ins in diam, bears N 21° W, 41 lks dist, marked C.M.I.R. 1/2 M. B.T.</p> <p>A mesquite, 8 ins in diam, bears S 59 1/4° W, 72 lks dist, marked C.M.I.R. 1/2 M. B.T.</p> <p>Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 6 Mile Post, marked C.M.I.R. on W, 6 M on N, and P.L. on E faces, whence <u>T18N R22W33</u></p> <p>A mesquite, 5 ins in diam, bears S 43 1/4° W, 58 lks dist, marked C.M.I.R. 6 M. B.T.</p> <p>A mesquite 4 ins in diam, bears N 58 1/4° W, 38 lks dist, marked C.M.I.R. 6 M. B.T.</p> <p>Soil, <del>sandy</del> loam, first rate.</p> <p>Land, level, covered with heavy mesquite timber and dense undergrowth of arrow wood, 74.76</p>
74.76	<p>-----</p> <p>Thence I run S 1° 4' 28" W, through heavy mesquite timber and dense undergrowth.</p> <p>40.00 Set a mesquite post, 5 ins sq., 4 ft long, 3 ft in ground for 1/2 Mile Post, marked C.M.I.R. on W, 1/2 M on N, and P.L. on E faces, whence <u>T18N R22W310</u></p> <p>A mesquite 8 ins in diam, bears S 57 1/4° W, 62 lks dist, marked C.M.I.R. 1/2 M. B.T.</p> <p>A mesquite, 4 ins in diam, bears N 41° W, 86 lks dist, marked C.M.I.R. 1/2 M. B.T.</p> <p>80.00 Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 7 mile Post, marked C.M.I.R. on W, 7 M on N, and P.L. on E faces, whence <u>T18N R22W310</u></p> <p>A mesquite, 6 ins in diam bears S 64 1/4° W, 135 lks dist, marked C.M.I.R. 7 M. B.T.</p> <p>A mesquite, 6 ins in diam, bears N 63 1/2° W, 143 lks dist, marked C.M.I.R. 7 M. B.T.</p> <p>Soil, sandy loam, first rate.</p> <p>Land, level, covered with heavy mesquite timber and dense undergrowth of arrow wood, 80.00 chs.</p>
	<p>December 13th, 1905.</p>
	<p>December 15th, 1905.</p> <p>At 7H. 30m. a.m.l.m.t., I set off 34° 53' N on the lat arc, 23° 7' S on the decl arc and determine a true <del>meridian with the solar at the 7 Mile Post.</del></p>
	<p>Thence I run S 1° 4' 28" W, through scattering mesquite timber and dense undergrowth.</p>
1.50	Cross road, course E and W
10.50	Cross road, course E and W
40.00	<p>Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 1/2 Mile Post, marked C.M.I.R. on W, 1/2 M on N and P.L. on E faces. Dig pits, 36 x 36 x 12 ins, 4 ft E and W of post. Raised mound of earth 5 ft base, 2 1/2 ft high N of post. No trees available.</p>
58.25	Cross road, course SE-NW
80.00	<p>Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 8 mile Post, marked C.M.I.R. on W, 8 M on N, and P.L. on E faces, whence <u>T18N R22W</u></p>
515	<p>A mesquite, 8 ins in diam, bears S 69 1/2° W, 69 lks dist, marked C.M.I.R. 8 M. B.T.</p> <p>A mesquite, 5 ins in diam, bears N 49 1/4° W, 232 lks dist, marked C.M.I.R. 8 M.B.T.</p> <p>Soil, sandy loam, first rate.</p> <p>Land, level, covered with scattering mesquite timber and dense undergrowth of arrow wood, 80.00 chs.</p>
	<p>-----</p> <p>Thence I run S 1° 4' 28" W, through scattering mesquite timber and dense undergrowth of arrow wood.</p>
18.75	Cross Mail Road to Camp Mohave, course SE-NW
21.25	Cross same road, course SW-NE
37.74	To temporary point for SE cor of Camp Mohave Indian Reservation.

BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains

Set a mesquite post, 8 ins sq., 4 1/2 ft long, 3 ft in ground for SE cor of Camp Mohave Indian Reservation, marked C.M.I.R. S.E. cor on W, 8 M 37.74 chs on N, and P.L. on E and P.L. on S faces, whence

A mesquite, 12 ins in diam, bears N 70 1/2° W, 125 lks dist, marked C.M.I.R. S.E. cor, B.T.

A mesquite, 8 ins in diam, bears N 20° W, 145 lks dist, marked C.M.I.R. S.E. cor, B.T.

A mesquite, 14 ins in diam, bears N 43 1/2° E, 86 lks dist, marked T 18 N, R 22 W, S22 B.T.

A mesquite, 18 ins in diam, bears S 52° E, 135 lks dist, marked T 18 N, R 22 W, S22 B.T.

NOTE: This cor is surrounded by heavy mesquite timber, making it unable to see prominent points for bearings.

Soil, sandy loam, first rate.

Land, level, covered with mesquite timber and dense undergrowth of arrow wood, 37.74 chs.

Thence I run

S 76° 17' 28" W, on a random line on S bdy of old Hay and Wood Reservation, setting temporary Mile and 1/2 Mile Posts.

108.26

To left bank of Colorado River. The banks of the Colorado River have been changing ever since the survey of the Hay and Wood Reservation By Lieut. Wheeler in 1869, making it impossible for me to find any trace of the old posts or stations 3 and 4 of said Reservation. Therefore, I returned to the SE cor of Camp Mohave Indian Reservation.

December 15th,

At 12h.m.l.m.t., I set off 23° 15' S on the decl arc and observed the sun on the meridian at the SE cor of Camp Mohave Indian Reservation, the resulting lat being 34° 52' N.

Thence I run

S 76° 17' 28" W on a true line on the S bdy of Camp Mohave Indian Reservation.

1.35

Cross Camp Mohave Mail Road, course N and S

2.26

Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 1/2 Mile Post, marked C.M.I.R. on NW, 1/2 M on NE and P.L. on SE faces, whence T18N R22W S22

A mesquite, 12 ins in diam, bears N 28° E, 7 lks dist, marked C.M.I.R. 1/2 M.B.T.

A mesquite, 12 ins in diam, bears N 15 1/2° W, 60 lks dist, marked C.M.I.R. 1/2 M.B.T.

5.76

Cross road, course N and S

19.61

Cross fence, course N and S

26.25

Cross fence, course N and S

42.26

Set a mesquite post, 4 ins sq., 4 ft long, 3 ft in ground for 9 Mile Post, marked C.M.I.R. on NW, 9 M on NE and P.L. on SE faces, whence T18N R22W S22

A willow, 6 ins in diam, bears N 76 1/2° W, 55 lks dist, marked C.M.I.R. 9 M. B.T.

A cottonwood, 12 ins in diam, bears N 47 1/2° E, 67 lks dist, marked C.M.I.R. 9 M.B.T.

Soil, sandy loam, first rate.

Land, level, subject to overflow, covered with mesquite, cottonwood and willow timber and dense undergrowth of arrow wood, 42.26 chs.

Thence I run

S 76° 17' 28" W, through heavy timber and dense undergrowth.

40.00

Set a willow post, 4 ins sq., 4 ft long, 3 ft in ground for 1/2 Mile Post, marked C.M.I.R. on NW, 1/2 M on NE and P.L. on SE faces, whence T18N R22W S21

BOUNDARIES OF CAMP MOHAVE INDIAN RESERVATION.

chains

66.00

A cottonwood, 6 ins in diam, bears N  $41\frac{1}{2}^\circ$  W, 102 lks dist, marked C.M.I.R.  $\frac{1}{2}$  M.B.T.

A cottonwood, 15 ins in diam, bears N  $30\frac{1}{2}^\circ$  E, 173 lks dist, marked C.M.I.R.  $\frac{1}{2}$  M.B.T.

Intersect left bank of Colorado River, bank about 4 ft high.

Set a willow post, 5 ins sq., 4 ft long, 3 ft in ground for SW cor of Camp Mohave Indian Reservation, marked C.M.I.R. S.W. cor. on NW, 9 M 66.00 chs on NE, P.L.

T 18 N, R 22 W, S 21 on SE, and M.C. on SW faces, whence A willow, 6 ins in diam, bears S  $80\frac{1}{2}^\circ$  E, 101 lks dist, marked P.L. T 18 N, R 22 W, S 21, M.C.B.T.

A willow, 8 ins in diam, bears N  $4\frac{1}{2}^\circ$  E, 336 lks dist, marked C.M.I.R. S.W. cor. M.C.B.T.

*no other trees in limits*  
 Needles Mountain bears S  $33\frac{1}{2}^\circ$  E, about 20 miles Dist.

Monument Peak bears S  $35\frac{1}{2}^\circ$  W,  
 No other known points visible.

The main current of the Colorado River is 5.00 chs West, there being a sandbar bet the bank and the river. Soil, sandy loam, first rate.

Land, level, all overflow land, covered with mesquite, willow and cottonwood timber and dense undergrowth of arrow wood, 66.00 chs.

December 15th, 1905.

GENERAL DESCRIPTION.

The Northern and Eastern portion of this Reservation is high mesa land, the Southern and Western portion being Colorado River bottom land. The entire river bottom portion of Reservation is covered with heavy mesquite, cottonwood and willow timber and dense undergrowth of arrow wood, the entire valley being subject to overflow when the Colorado River is up

There is one white settler about a half a mile West of the  $7\frac{1}{2}$  Mile Post. No other white settlers on Reservation outside of Camp Mohave to my knowledge.

*John J. Fisher*  
 U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John J. Ferkus

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Camp Mohave Indian Reservation

showing the respective capacities in which they acted:

- Henry R O'Connor ..... Chainman.
- Geo. W Cassidy ..... Chainman.
- Henry R O'Connor ..... Moundman.
- Geo. W Cassidy ..... Moundman.
- J. J. Murphy ..... Axman.
- J. W. Ricketts ..... Axman.
- Irving V. Anger ..... Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John J. Ferkus

....., United States Deputy Surveyor, in surveying all those parts or portions of the Camp Mohave Indian Reservation

Salt River meridian, Territory of Arizona, which 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

- Henry R O'Connor ..... Chainman. & Moundman
- Geo. W. Cassidy ..... Chainman. & Moundman
- ..... Moundman.
- J. J. Murphy ..... Axman & Moundman.
- ..... Axman.
- J. W. Ricketts ..... Axman.
- Irving V. Anger ..... Flagman.

Subscribed and sworn to before me this 14<sup>th</sup> day of January, 18906

J. J. Ferkus  
Notary Public



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John J. Fisher United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 14<sup>th</sup> day of March, 1895, 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 Camp Mohave Indian Reservation

Salt River meridian, in the Territory of Arizona, of the Yuma and 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 survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written 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 original 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.

John J. Fisher  
United States Deputy Surveyor.

Subscribed by said John J. Fisher, and sworn to before me }  
this 1<sup>st</sup> day of February, 1899



Frank S. Ingalls  
U.S. Surveyor General  
for Arizona

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A.T., June 29 1906, 1899

The foregoing field notes of the survey of that portion of the boundaries of the Camp Mohave Indian Reservation lying within the territory of Arizona

executed by John J. Fisher, U.S. deputy surveyor under his contract No. 127, dated March 17, 1895, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

\_\_\_\_\_  
United States Surveyor General.