

Navajo Indian Reservation in New Mexico

1936

1936

1936

FIELD NOTES

OF THE SURVEY OF THE

First Standard Parallel

~~MERIDIAN LINES~~

and

Second Standard Parallel

OF

1936

South Bdy of Townships 6 N & 11 N (through) Range 5 West

Special Navajo
of the ~~the and Salt River~~ Base and Meridian,

ARIZONA,

By *E. N. Darling* U. S. Deputy Surveyor,

Under contract dated *April 29-*, 18*89*.

Survey commenced....., 188

Survey Completed *September*....., 18*89*.

1936

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NAVAJO INDIAN RESERVATION IN NEW MEXICO.
*****00*****

FIELD NOTES OF THE * * * * *

First Standard Parallel * * * * * (South Boundary of
Township 6 North) ^{Through} Range 5 West). * * * * *
Navajo Indian Reservation, New Mexico. (and Arizona.)

Surveyed under the direction of the Hon. Jas. S. Wilson
Commissioner of the General Land Office.

By E. N. Darling,

U. S. Surveyor.

Under his Contract dated, Washington, April 29th, 1869.

Survey made in September, 1869.

*Recd from U.S. Sur. Genl.
New Mexico, Nov. 26 - 1902.*

BOOK 1936

NAMES OF ASSISTANTS.

George H. Pratt,Compassman.

Walter G. Marmon, }
Joseph Pierheller }Chairman.

Alek Douglass, }
Juan Martin . }Cornerman.

Measuring Chain compared with Standard and found correct.

INDEX

T. 6 North. R. 5 West.

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1st Standard Parallel N., R. 5 W.

T. 11 N. R. 5 West.

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2nd Standard Parallel N., R. 5 W.

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Set a sandstone 20x18x8 marked "S. C." for the corner to Township 6 North Ranges 4 and 5 West,

West on south boundary of Sec. 36.

Var. 14° 12' East.

30.00 Yellow pine 20 ins. in dia. on edge of cañon. Course of cañon is south.

40.00 Place for corner ($\frac{1}{4}$ sec) on side of cañon. Impossible to establish same.

64.00 Leave cañon, course North.

80.00 Set sandstone 18x16x4 marked " S. C. " for the corner to secs. 35 & 36.

White pine 18 ins. in dia. bears N. 16° E. 68 links.

Surface broken and rocky, covered with fine pine timber, 1st rate.

Soil 3rd rate.

West on south boundary of sec. 35.

Var. 14° 15' E.

40.00 Set sandstone 16x12x4 marked "S.C." for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Set sandstone 14x14x3 marked "S.C." for the corner to secs. 34 and 35.

Surface broken, covered with pine timber, 1st rate.

Soil 2nd rate.

West on south boundary of sec. 34.

Var. 14° 15' East

40.00 Set sandstone 18x10x10 marked " S. C. " for $\frac{1}{4}$ sec. cor. as per instructions.

80.00 Set sandstone 16x12x4 marked "S.C.". for the

Chains.

BOOK 1936

corner to secs. 33 and 34.

Surface mountainous, covered with pine and aspen, 2nd rate.

Soil 2nd rate.

West on South boundary of sec. 33.

Var. 14° 15' East.

40.00 Set sandstone 20x12x4 marked "S.C." for $\frac{1}{4}$ sec. cor. as per instructions.

80.00 Set sandstone 14x12x4 marked "S.C." for the corner to secs. 32 and 33

Surface of first half broken and stony; of the second half rolling, covered with pine and aspen timber, 2nd rate.

Soil 2nd rate.

September 6th, 1869.

West on south boundary of sec. 32.

Var. 14° 15' E.

32.00 Descend "Tunicha" Mountains

40.00 Set sandstone 18x12x4 marked "S.C." for the $\frac{1}{4}$ sec. corner, as per instructions.

80.00 Set sandstone 18x10x8 marked "S.C." for the corner to secs. 31 and 32.

Surface mountainous, covered with pine timber, 2nd rate. Soil 3rd rate.

West on south boundary of sec. 31.

Var. 14° 45' East.

40.00 Set sandstone 14x14x4 marked "S.C." for the $\frac{1}{4}$ sec. corner as per instructions.

76.60 Foot of mountains, course N. and S.

80.00 Set sandstone 18x12x4 marked "S.C." for the

corner to Township 6 North, Ranges 5 and 6 West.
Surface mountainous, covered with pine timber,
2nd rate.
Soil 3rd rate.

We hereby certify that we assisted E. N. Darling
 U. S. Surveyor, in surveying * * * * *
 and the First Standard Parallel from * * * *
 (through Range 5 West)* * * * * and Parallel
 have been in all respects to the best of our
 knowledge and belief, well and faithfully survey-
 ed and the boundary monuments planted according
 to the instructions furnished by the Commis-
 sioner of the General Land Office.

Geo. H. Pradt, Compassman.

Walter G. Marmon, Chainmen.
 Joseph Fierheller,

Alex Douglass, Cornermen.
 his
 Juan + Martin,
 mark

Subscribed and sworn to by the above named per-
 sons before me E. N. Darling, U. S. Surveyor,
 in Township 1 North Range 6 West of the Navajo
 Special Meridian in the Territory of Arizona,
 this 25th day of January, 1870.

Ehud N. Darling,
 U. S. Surveyor.

I, E. N. Darling, U. S. Surveyor, do solemnly swear that in pursuance of a contract with the Hon. Jos. S. Wilson, Commissioner of the General Land Office, dated Washington D. C. April 29th, 1869, and in strict conformity to the laws of the United States and the instructions furnished by the said Commissioner, I have faithfully surveyed * * * * *
 * * * the First Standard Parallel (through Range 5 West)
 * * * and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Ehud N. Darling.

U. S. Surveyor.

Subscribed by said E. N. Darling, U. S. Surveyor, and sworn to before me, this 5th day of February A.D. 1870.

(SEAL)

Wm. Breeden, Clerk U.S. Dist. Court,
 1st Judicial Dist. N. Mexico.

BOOK 1936

DEPARTMENT OF THE INTERIOR,

General Land Office,

February 28, 1870.

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The foregoing field notes of the Survey of the F . . .
. . . First Standard Parallel . . . (through Range
5 West), executed by E. N. Darling US. Surveyor, under
his Contract with the Commissioner of the General Land
Office, having been critically examined, the necessary cor-
rections and explanations made, the said field notes and
the surveys they describe, are hereby approved.

Jos. S. Wilson,
Commissioner.

Department of the Interior,

General Land Office,

February 27, 1877.

Attest copy.

J. A. Williamson, Commissioner.

BOOK 1936

F I E L D N O T E S

of the

SECOND STANDARD PARALLEL * * * * *

* * * (South boundary of Tp. 11) North Range 5 West, .

Surveyed by E. N. Darling, U. S. Surveyor, under his Contract with Hon. Jos. S. Wilson, Commissioner of the General Land Office, dated, Washington D. C., April 29th, 1869.

*****00*****

Survey Completed October 14th, 1869.

BOOK 1938

NAMES OF ASSISTANTS.

Willard S. Paul.....Congressman.

William J. Hare, }
John Howe, }.....Chairman.

Selden W. Shafer }
Robert C. Darling }.....Governor.

Chains.

Navajo Indian Reservation, New Mexico.

Set a sandstone 18x14x4 marked as per instructions, for the corner to secs. 31 and 36 and Township 11 North, Ranges 4 and 5 West.

West on South boundary of sec. 36.

Var. 14° 08' E.

40.00 Set sandstone 14x12x3 for $\frac{1}{4}$ sec. corner, as per instructions.

80.00 Set sandstone 16x12x3, marked as per instructions for the corner to secs. 35 and 36.
 Surface broken.
 A few scattering trees (Cedar and piñon).
 Soil 3rd rate.

West on south boundary of sec. 35.

Var. 14° 08' E.

40.00 Set charred post and built mound for $\frac{1}{4}$ sec. corner, as per instructions.

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions for the corner to secs. 34 and 35.
 Surface rolling, mostly prairie.
 Soil 2nd rate.

West on south boundary of sec. 34.

Var. 14° 05' East.

40.00 Set charred post and built mound for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions, for the corner to secs. 33 and 34.
 Surface rolling, mostly prairie.
 Soil 2nd rate.

Chains.

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West on south boundary of sec. 33.

Var. 14° 15' East.

40.00 Set charred post and built mound for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Deposited marked stone set charred post, marked, built mound and dug pits as per instructions for the corner to secs. 32 and 33.

Surface rolling prairie.

Soil 2nd rate.

West on South Boundary of sec. 32.

Var. 14° 15' East.

40.00 Set charred post and built mound for $\frac{1}{4}$ sec. corner as per instructions.

78.50 Creek, 50 lks. wide, course North.

80.00 Set sandstone 18x10x4, marked as per instructions, for the corner to sections 31 and 32.

Surface rolling prairie.

Soil 2nd rate.

West on South boundary of sec. 31.

Var. 14° 15' E.

40.00 Set sandstone 16x12x3 for $\frac{1}{4}$ sec. corner, as per instructions.

80.00 Set sandstone 24x24x6 marked as per instructions for the corner to sections 31 & 36, and Township 11 North, Ranges 5 and 6 West.

Surface broken prairie.

Soil 3rd rate.

We hereby certify that we assisted E. N. Darling,
 U. S. Surveyor, in surveying the * * * * *
 * * * * Second Standard Parallel, (through T. 11 N., Range
 5 West), * * * * and Parallel have ben in all respects to
 the best of our knowledge and belief, well and faithfully
 surveyed, and the boundary monuments planted according to
 the instructions furnished by the Commissioner of the Gen-
 eral Land Office.

William S. Paul,Compassman.

William J. Hare }
 John Hare. }Chainmen.

Robert C. Darling.)
 Sheldon W. Shafer.)Cornermen.

Subscribed and sworn to by the above named persons, before
 me, E. N. Darling, U. S. Surveyor, in Township 1 North, Range
 6 West of Navajo Special Meridian, in the Territory of Arri-
 zona, this 28th day of January, 1869.

(Seal). Ehud N. Darling,
 U. S. Surveyor.

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BOOK 1896

I, Ehdud N. Darling, U. S. Surveyor, do solemnly swear that in pursuance of a Contract, with the Commissioner of the General Land Office, dated Washington D. C., April 29th, 1869, and in strict conformity to the laws of the United States, and the instructions furnished by the said Commissioner, I have faithfully surveyed the * * * * * and the Second Standard Parallel * * * * * (through Twp. 11 N. Range 5 West), and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Ehdud N. Darling,
U. S. Surveyor.

Subscribed by said E. N. Darling, U. S. Surveyor, and sworn to before me this 5th day of February A. D. 1870.

(Seal)

Wm. Breeden, Clerk U. S. District Court.

1st Judicial Dist.

N. Mexico.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,

*****00*****

February 28th, 1870.

The foregoing field notes of the survey of the * * *
* * * and the Second Standard Parallel, * * * * *
* * (through T. 11 N. Range 5 West,), * * * * *
executed by E. N. Darling, U. S. Surveyor, under his
Contract with the Commissioner of the General Land Office
having been critically examined, the necessary corrections
and explanations made, the said field notes and the surveys
they describe are hereby approved.

Jos. S. Wilson,
Commissioner.

Department of the Interior,
General Land Office,
February 27, 1877.

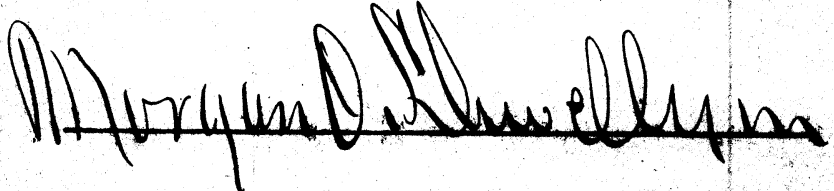
A true copy!

J. A. Williamsen,
Commissioner.

Office of U. S. Surveyor General,
Santa Fe, New Mexico.

November, 24th 1902.

I, Morgan O. Llewellyn, U. S. Surveyor General for New Mexico, do hereby certify that the foregoing is a true and correct transcript of a copy of the field notes of the survey of the First Standard Parallel, Range 5 West and Second Standard Parallel Range 5 West in the Navajo Indian Reservation, now on file in my office.



U. S. Surveyor General for New Mexico.