

Navajo Indian Reservation

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BOOK 1940

1940

1940

FIELD NOTES

OF THE SURVEY OF THE

Exterior Lines

Tp. 10 North, Ranges 5 West

~~MERIDIAN LINES~~

Tp. 14 North, Ranges 5, 6, 7 & 8 West.

Tp. 11 North, Range 5 West.

Tp. 15 North, Ranges 5, 6 & 7 West.

Township \_\_\_\_\_, Range \_\_\_\_\_

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

ARIZONA,

By E. N. Harling U. S. Deputy Surveyor,

Under contract dated April 29 - 1869, ~~188~~

Survey commenced Nov. 29 - 1869, ~~188~~

Survey Completed Dec 19 1869, ~~188~~

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## SURVYS IN NAVAJO RESERVATION.

Field Notes of the Exterior Lines of  
Township 10 North, Ranges 5 and 6  
West, Township 11 North, Range 5 West,  
Township 14 North, Ranges 5, 6, 7 and 8  
West and Township 15 North,  
Ranges 5, 6 and 7 West of the  
Navajo Special Meridian, in the  
Territories of New Mexico and Arizona.

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

Commenced November 29th and  
Completed December 19th, 1869.

*Rick from U.S. Sur. Gen.  
New Mexico, Nov. 26-1902*

BOOK 1940

Names of Assistants.

William S. Paul,

Compassman.

Sheldon W. Shafer,

John Howe,

Chainman.

Robert C. Darling,

William J. Hare,

Cornerman.

8 N.						7 N.						6 N.						5 N.					
32	33	32	33	32	33	31	31	30	30	30	30	28	27	27	27	27	26	17	17	17	17	16	16
6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1
					7						7						7						7
14 N. 2.14 N. R. 8 W.						14 N. 2.14 N. R. 7 W.						14 N. 2.14 N. R. 6 W.						14 N. 2.14 N. R. 5 W.					
					18						18						18						18
					19						19						19						19
					30						30						30						30
31	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35	36
38	38	39	39	39	37	37	37	37	36	36	36	24	24	23	23	23	23	21	21	21	21	21	20

11 N.

15	15	14	14	14	
6	5	4	3	2	1
7					
18					
19					
30					
31					

10 N.

6	6					
7	7					
18	18					
19	19					
30	30					
31	31	32	33	34	35	36
		6	6	5	5	5

Measuring chain compared with Standards and found correct.

Chs, lks.

There being but one full township in Range 5, South of the Second Standard Parallel, fit for agricultural purposes, I commenced at the corner to Townships 9 and 10 North, Ranges 4 and 5 West and ran West on true line, South boundary of Township 10 North, Range 5 West, as follows:

West on true line South boundary of sec. 36.

Va. 14°10' E.

- 6.50 Dry bed of creek, 30 lks. wide, course North.
- 40.00 Set granite 12x10x6, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 52.00 Dry bed of creek, 40 lks. wide, course N. E.
- 69.00 Enter scattering timber, bears north and south.
- 80.00 Set sandstone 18x11x3, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.  
 . Surface level prairie. Soil 1st rate.

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West on true line South boundary of sec. 35.

Va. 14°00' East.

- 40.00 Set sandstone 26x24x10, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 80.00 Set sandstone 14x10x4, marked as per instructions, for the corner to secs. 2, 3, 34 and 35.  
 . Surface broken. Piñon and cedar timber, 3rd rate. Soil 3rd rate.

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West on true line South boundary of sec. 34.

Va. 14°00' East.

- 40.00 Set sandstone 30x12x7, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 74.60 Leave scattering piñon and cedar, 3rd rate, bears north and south.
- 80.00 Set sandstone 16x12x3, marked as per instruc-

5

6 Field Notes of the Exterior Lines of Township 10 North,  
Range 5 West of the Navajo Special Meridian.

Chs. lks.  
BOOK 1940

tions, for the corner to secs. 3, 4, 33 and 34.  
Surface broken. Scattering piñon and cedar,  
3rd rate. Soil 3rd rate.

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West on true line South boundary of sec. 33.  
Va. 14°00' East.

18.50 Dry bed of creek, 20 lks. wide, course North.

31.00 Dry bed of creek 35 lks. wide course North.

40.00 Set sandstone 14x12x3, for 1/4 sec. cor. as per  
instructions.

57.00 Dry bed of creek, 15 lks. wide, course North.

80.00 Deposited marked stone, set charred post,  
marked, built mound and dug pits as per instruc-  
tions, for the corner to secs. 4, 5, 32 and 33.  
Surface level prairie. Soil 1st rate.

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West on true line South boundary of sec. 32.  
Va. 14°00' East.

40.00 Set sandstone 24x12x3, for 1/4 sec. cor. as per  
instructions.

80.00 Set sandstone 16x14x3, marked as per instruc-  
tions, for the corner to secs. 5, 6, 31 and 32.  
Surface rolling prairie. Soil 2nd rate.

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West on true line South boundary of sec. 31.  
Va. 14°00' East.

40.00 Set charred post, built mound and dug pits for  
1/4 sec. cor. as per instructions.

54.70 Dry bed of creek, course N. E.

78.00 Set sandstone 18x12x3, marked and built mound  
of stone, as per instructions, for the corner  
to Townships 9 and 10 North, Ranges 5 and 6  
West.

Surface level prairie. Soil 1st rate.

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(7)  
Field Notes of the Exterior Lines of Township No. 10  
North, Range No. 5 West of the Navajo Special Meridian.

BOOK 1940

Chs. & lks.:

From corner to Townships 9 and 10 North,  
Ranges 5 and 6 West, North on West boundary  
of Township 10 North, Range 5 West as follows:  
North on West boundary of sec. 31.

Va. 14°00' East.

40.00 Set sandstone 16x14x5, for  $\frac{1}{4}$  sec. cor. as per  
instructions.

80.00 Set sandstone 16x12x3, marked as per instruc-  
tions, for the corner to secs. 25, 30, 31 and 36.  
Surface rolling prairie. Soil 2nd rate.

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North on West boundary of sec. 30.

Va. 14°00' East.

19.00 Dry bed of creek, 40 lks. wide, course N. E.

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

80.00 Deposited marked stone, set charred post, marked,  
built mound and dug pits as per instructions for  
the corner to secs. 19, 24, 25 and 30.

Surface level prairie. Soil 1st rate.

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North on West boundary of sec. 19.

Va. 14°15' East.

40.00 Set sandstone 14x10x5, for  $\frac{1}{4}$  sec. cor. 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. 13, 18, 19 and 24.

Surface rolling prairie. Soil 1st rate.

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North on West boundary of sec. 18.

Va. 14°15' East.

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

7

(8)

8. Field Notes of the Exterior Lines of Township No. 10 North, Range No. 5 West of the Navajo Special Meridian.

BOOK 1940

Chs. & lks.

80.00 Set sandstone 14x12x3, marked as per instructions, for the corner to secs. 7, 12, 13 and 18. Surface level prairie. Soil 1st rate.

North on West boundary of sec. 7.  
Va. 14°15' East.

40.00 Set sandstone 14x9x7, for 1/4 sec. cor. as per instructions.

49.50 Ravine, 80 lks. wide, course N. E.

80.00 Set sandstone 24x16x2, marked as per instructions for the corner to secs. 1, 6, 7 and 12. Surface gently rolling prairie. Soil 1st rate.

North on West boundary of sec. 6.  
Va. 14°15' East.

40.00 Set sandstone 18x16x5, for 1/4 sec. cor. as per instructions.

78.90 Intersect Second Standard Parallel, 14.50 chs. East of corner to Township 11 North, Ranges 5 and 6 West, and set sandstone 15x12x3, marked "C C" on the south, for the corner to Township 10 North, Ranges 5 and 6 West. Surface broken prairie. Soil 3rd rate.

General Description.

This Township is partly covered with scattering piñon and cedar, 3rd rate, but mostly prairie. Surface generally rolling. It is well adapted to agricultural purposes. Soil 2nd, 1st and 3rd rate.

Measuring chain compared with Standard and found correct.

(9)

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9

Field Notes of the Exterior Lines of Township No. 10 North,  
Range No. 6 West of the Navajo Special Meridian.

Chs. lks.

BOOK 1940

As only a portion of the South boundary of Township 10 North, Range 6 West is practicable to run on account of the mountainous country, I run West on South boundary of section 36 from corner to Townships 9 and 10 North, Ranges 5 and 6 West, between Townships 9 and 10 North, Range 6 West.

Variation  $14^{\circ}10'$  East.

40.00 Set sandstone 16x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 18x10x3, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.  
Surface rolling. Soil 2nd rate. Prairie.

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Balance of South boundary of Township 10 North, Range 6 West broken and mountainous. I therefore did not extend it <sup>any</sup> farther west.

September 9th, 1869.

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In order to run the West boundary of Township No. 10 North, Range 6 West, I commenced at the Standard corner to Township 11 North, Ranges 6 and 7 West, and ran East 16.20 chs. and set closing corner to Township 10 North, Ranges 6 and 7 West; A sandstone 18x12x4, built mound of stone around same.

Thence South between Ranges 6 and 7 West,

Secs. 1 and 6. Va.  $14^{\circ}10'$  East.

40.00 Set sandstone 20x10x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 28x24x2, marked as per instructions, for the corner to secs. 1, 6, 7 and 12.

Surface broken. Scattering piñon and cedar,  
3rd rate. Soil 3rd rate.

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⑨ 10 Field Notes of the Exterior Lines of Township No. 10 North,  
 Range No. 6 West of the Navajo Special Meridian.

BOOK 1940

Chs. lks.

South between secs. 7 and 12.

Va. 14°10' East.

40.00 Set sandstone 18x10x3, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 16x16x6, marked as per instructions, for the corner to secs. 7, 12, 13 and 18.

Surface broken. Scattering piñon and cedar, 3rd rate. Soil 3rd rate.

South between secs. 13 and 18.

Va. 14°10' East.

24.00 Leave scattering piñon and cedar timber, bears northeast and southwest.

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

42.00 Creek, 20 lks. wide, course east.

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions, for the corner to secs. 13, 18, 19 and 24.

Surface gently rolling. The greater portion of this mile is prairie. Soil 1st rate.

South between secs. 19 and 24.

Va. 14°10' East.

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

65.40 Enter scattering piñon and cedar timber, bears east and west.

80.00 Set sandstone 16x10x4, marked as per instructions, for the corner to sections 19, 24, 25 and 30.

Surface level. The greater portion of this mile is prairie, balance sparsely covered with piñon and cedar, 3rd rate. Soil 1st rate.

BOOK 1940

Chs. lks.

South between secs. 25 and 30.

Va. 14°10' East.

40.00 Set sandstone 28x10x3, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 20x12x3, marked as per instructions, for the corner to secs. 25, 30, 31 and 36.  
Surface broken. Scattering piñon and cedar, 3rd rate. Soil 3rd rate.

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South between secs. 31 and 36.

Va. 14°10' East.

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

Place for Township cor. in mountains. Impracticable to establish same.

Surface broken. Scattering piñon and cedar, 3rd rate. Soil 3rd rate.

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General Description.

This Township is generally prairie, there being but a small portion covered with scattering piñon and cedar, 3rd rate. Surface generally rolling. It is well adapted to grazing, and large portions of it to farming purposes. Soil 2nd, 3rd and 1st rate.

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Measuring chain compared with Standard and found correct.

December 10th, 1869.

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Field Notes of the Exterior Lines of Township No. 11  
North, Range No. 5 West of the Navajo Special Meridian.

(11)

Chs.lks.	From corner to Township 11 North, Ranges 5 and 6 West, North on West boundary of Township 11, as follows:
BOOK 1940	<p>North on West boundary of sec. 31. Va. 14°20' East.</p> <p>40.00 Set sandstone 14x12x3, for <math>\frac{1}{4}</math> sec. cor. as per instructions.</p> <p>80.00 Set sandstone 16x11x3, marked as per instructions, for the corner to secs. 25, 30, 31 and 36. Surface rolling prairie. Soil 2nd rate.</p>
	<p>North on West boundary of sec. 30. Va. 14°20' East.</p> <p>40.00 Set charred post, built mound, and dug pits, as per instructions, for <math>\frac{1}{4}</math> sec. cor.</p> <p>80.00 Marked surface rocks, for the corner to secs. 19, 24, 25 and 30, as per instructions. Surface gently rolling. Prairie. Soil 1st and 2nd rate.</p>
	<p>North on West boundary of sec. 19. Va. 14°20' East.</p> <p>7.50 Spring branch, 20 lks. wide, course N. E.</p> <p>40.00 Set sandstone 15x12x3, for <math>\frac{1}{4}</math> sec. cor. as per instructions.</p> <p>42.50 Spring branch, 15 lks. wide, course N.10°W.</p> <p>80.00 Set sandstone 20x12x4, marked as per instructions, for the corner to sec. 13, 18, 19 and 24. Surface broken. Prairie. Soil 3rd rate.</p>
	<p>North on West boundary of sec. 18. Va. 14°20' East.</p> <p>40.00 Set sandstone 12x11x6, for <math>\frac{1}{4}</math> sec. cor. as per instructions.</p>

(13)

12

Field Notes of the Exterior Lines of Township No. 11 North, 13  
Range No. 5 West of the Navajo Special Meridian.

Chs. lks.

BOOK 1940

80.00 Set sandstone 14x12x3, marked as per instructions, for the corner to secs. 7, 12, 13 and 18. Surface broken. Prairie. Soil 3rd rate.

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North on West boundary of sec. 7.

Va. 14°20' East.

40.00 Set sandstone 16x14x5, for  $\frac{1}{4}$  sec. cor. as per instructions.

64.50 Spring branch, 15 lks. wide, course S. E.

80.00 Set sandstone 16x14x3, marked as per instructions, for the corner to secs. 1, 6, 7 and 12. Surface rolling. Prairie. Soil 2nd rate.

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North on West boundary of sec. 6.

Va. 14°20' East.

12.00 Enter scattering piñon and cedar, bears east and west.

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

80.00 Set sandstone 18x16x6, marked, and built mound of stone, as per instructions, for the corner to Townships 11 and 12 North, Ranges 5 and 6 West.

Surface rolling. Scattering piñon and cedar, 3rd rate. Soil 2nd rate.

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East on random between Townships 11 and 12 North, Range 5 West, setting temporary half mile and mile corners at every 40 and 80 chs. Va. from 14°15' to 14°20' East. At 479.00 chs. intersect range line 2.30 chs. North of corner to Townships 11 and 12 North, Ranges 4 and 5 West. Therefore the correction will be 1.00 ch.

Field Notes of the Exterior Lines of Township No. 11 North,  
Range No. 5 West of the Navajo Special Meridian.

BOOK

Chs.lks.

1940

East and  $38\frac{1}{2}$  lks. South per mile. Then West on true line between Townships 11 and 12 North, Range 5 West, as follows:

West on true line, South boundary of sec. 36.  
Va.  $13^{\circ}58'$  East.

40.00 Set sandstone  $18 \times 16 \times 5$ , for  $\frac{1}{4}$  sec. cor. as per instructions.

59.40 Creek, 30 lks. wide, course N. E., clear water and gentle current.

80.00 Set sandstone  $24 \times 12 \times 5$ , marked as per instructions, for the corner to secs, 1, 2, 35 and 36.  
Surface rolling. Prairie. Soil 2nd rate.

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West on true line, South boundary of sec. 35.  
Va.  $13^{\circ}58'$  East.

40.00 Set sandstone  $16 \times 15 \times 5$ , for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set granite,  $20 \times 14 \times 5$ , marked as per instructions for the corner to secs. 2, 3, 34 and 35.  
Surface broken. Prairie. Soil 3rd rate.

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West on true line, South boundary of sec. 34.  
Va.  $13^{\circ}58'$  East.

40.00 Set sandstone  $14 \times 12 \times 3$ , for  $\frac{1}{4}$  sec. cor. 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. 3, 4, 33 and 34.  
Surface rolling. Prairie. Soil 2nd rate.

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West on true line, South boundary of sec. 33.  
Va.  $14^{\circ}03'$  East.

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

(15)

14

Field Notes of the Exterior Lines of Township No. 11 North, 15  
Range No. 5 West of the Navajo Special Meridian.

Chs. lks.

BOOK 1940

71.00 Enter scattering piñon and cedar, bears N. E.  
and S. W.

80.00 Set sandstone 16x14x4, marked as per instruc-  
tions for the corner to secs. 4, 5, 32 and 33.  
Surface rolling, mostly prairie. Soil 2nd rate.

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West on true line, South boundary of sec. 32.

Va. 14°03' East.

40.00 Set charred post, built mound and dug pits, for  
¼ sec. cor. as per instructions.

80.00 Set sandstone 18x16x5, marked as per instruc-  
tions for the corner to secs. 5, 6, 31 and 32.  
Surface rolling. Scattering piñon and cedar,  
3rd rate. Soil 2nd rate.

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West on true line, South boundary of sec. 31.

Va. 14°03' East.

27.50 Spring branch, 20 lks. wide, course S. E.

40.00 Set sandstone 14x12x4, for ¼ sec. cor as  
per instructions.

79.00 Corner to Townships 11 and 12 North, Ranges  
5 and 6 West.

Surface rolling. Scattering piñon and cedar,  
3rd rate. Soil 2nd rate.

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General Description.

This township is mostly prairie, surface  
generally rolling. Soil 2nd, 3rd and 1st rate.  
It is well adapted to farming and grazing pur-  
poses, especially to the latter. There are a  
few piñon and cedar trees in the northwest por-  
tion of the township.

Measuring chain compared with Standard and  
found correct.

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Field Notes of the Exterior Lines of Township No. 14 North,  
Range No. 5 West of the Navajo Special Meridian.

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1940

Chs.lks.

As there are but Township 14 North and fractional township 15 North, in Range 5 West, fit for agricultural purposes, I commenced at corner to Townships 14 and 15 North, Ranges 4 and 5 West and ran West on true line between Townships 14 and 15 North, Range 5 West, as follows:  
West on true line, South boundary of sec. 36.  
Va.  $14^{\circ}20'$  East.

- 1.75 Edge of steep bank.  
10.00 Foot of slope, bears north and south.  
13.50 San Juan river, course N. W.  
17.65 Leave same, low banks, sandy bottom, swift current, clear water, and about 4 ft. deep.  
Groves of cottonwood and willow on west bank of river. Leave timber.  
32.00 Ascend low ridge, bears north and south.  
40.00 Set sandstone 30x14x12, for  $\frac{1}{4}$  sec. cor. as per instructions.  
44.00 Foot of ridge, bears north and south.  
45.00 Leave same, 20 ft. high.  
80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions, for the corner to secs. 1,2,35 and 36.  
Surface rolling. Prairie, except along river.  
Soil 2nd and 1st rate.

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West on true line, South boundary of sec. 35.  
Va.  $14^{\circ}20'$  East.

- 40.00 Set granite 16x12x6, for  $\frac{1}{4}$  sec. cor. as per instructions.  
80.00 Set sandstone 20x10x6 marked as per instructions, for the corner to secs. 2,3,34 and 35.  
Surface broken. Prairie. Soil 3rd rate.
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Chs.lks. West on true line, South boundary of sec. 34.  
 Va. 14°20' East.

- 5.00 Foot of ridge.
- 20.00 Summit of same, 60 ft. high, bears N. and S.
- 34.00 Begin descent of ridge.
- 40.00 Set sandstone 24x12x8, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 80.00 Set sandstone 30x10x6, marked as per instructions, for the corner to secs. 3,4,33 and 34.  
 Surface broken. Prairie. Soil 3rd rate.

West on true line, South boundary of sec. 33.  
 Va. 14°20' East.

- 40.00 Marked sandstone boulder 48x40x40, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 80.00 Marked stone 36x18x4, as per instructions, for the corner to secs. 4, 5, 32 and 33.  
 Surface rolling. Prairie. Soil 2nd rate.

West on true line, South boundary of sec. 32.  
 Va. 14°20' East.

- 40.00 Set sandstone 18x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 80.00 Set sandstone 18x10x6, marked as per instructions, for the corner to secs.5,6,31 and 32.  
 Surface rolling. Prairie. Soil 2nd rate.

West on true line, South boundary of sec. 31.  
 Va. 14°20' East.

- 40.00 Set sandstone 14x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.
- 77.90 Set sandstone 20x18x4, marked, and built mound of stone as per instructions, for the corner to Townships 14 and 15 North, Ranges 5 and 6



BOOK

Chs.lks.

West.

Surface rolling. Prairie. Soil 2nd rate.

From corner to Townships 14 and 15 North,  
Ranges 5 and 6 West, North on West boundary  
of fractional Township No. 15 North, Range 5  
West, as follows:

North on West boundary of fractional sec. 31.  
Va. 14°20' East.

18.00 Dry bed of creek, 180 lks. wide, course east.

40.00 Set sandstone 14x12x3, for 1/4 sec. cor. as  
per instructions.

57.60 Intersect 37th Parallel of North Latitude, that  
being the boundary line between Utah and Ari-  
zona, and also North boundary of the Navajo  
Indian Reservation, 30.00 chs. east of the 1st  
mile corner, and

Set sandstone .20x10x5, marked "C C" for the  
corner to fractional Township 15 North, Ranges  
5 and 6 West, as per instructions.

Surface rolling. Prairie. Soil 2nd rate.

General Description.

This township is all prairie, surface gen-  
erally rolling. It is well adapted to grazing  
purposes. Soil 2nd and 3rd rate.

Measuring chain compared with Standard and  
found correct.

From corner to Townships 14 and 15 North,  
Ranges 5 and 6 West, South on true line on  
West boundary of Township 14 North, Range 5  
West, as follows:

Chs.lks.	<p>South on true line, West boundary of sec. 6. Va. 14°00' East.</p>
40.00	<p>Set sandstone 14x12x3, for ¼ sec. cor. as per instructions.</p>
80.00	<p>Set sandstone 17x13x3, marked as per instructions for the corner to secs. 1, 6, 7 and 12. Surface rolling. Prairie. Soil 2nd rate.</p>
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	<p>South on true line, West boundary of sec. 7. Va. 14°00' East.</p>
40.00	<p>Set sandstone 14x12x4, for ¼ sec. cor. as per instructions.</p>
80.00	<p>Set sandstone 16x12x5, marked as per instructions, for the corner to secs. 7, 12, 13 and 18. Surface rolling. Prairie. Soil 2nd rate.</p>
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	<p>South on true line, West boundary of sec. 18. Va. 14°00' East.</p>
40.00	<p>Set granite 16x8x6, for ¼ sec. cor. as per instructions.</p>
80.00	<p>Set sandstone 18x14x3, marked as per instructions, for the corner to secs. 13, 18, 19 and 24. Surface rolling. Prairie. Soil 2nd rate.</p>
<hr/>	
	<p>South on true line, West boundary of sec. 19. Va. 14°00' East.</p>
40.00	<p>Set sandstone 14x12x3, for ¼ sec. cor. as per instructions.</p>
80.00	<p>Set sandstone 15x13x4, marked as per instructions, for the corner to secs. 19, 24, 25 and 30. Surface rolling. Prairie. Soil 2nd rate.</p>
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	<p>South on true line, West boundary of sec. 30. Va. 14°00' East.</p>

BOOK 19 1940

Field Notes of the Exterior Lines of Township No. 14 North, Range No. 5 West of the Navajo Special Meridian.

Chs. lks.

40.00 Set sandstone 16x12x4, for 1/4 sec. cor. 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. 25, 30, 31 and 36. Surface rolling. Prairie. Soil 2nd rate.

South on true line, West boundary of sec. 31. Va. 14°00' East.

40.00 Set granite 16x12x5, for 1/4 sec. cor. as per instructions.

80.00 Set sandstone 20x10x4, marked and built mound of stone, as per instructions, for the corner to Townships 13 and 14 North, Ranges 5 and 6 West.

Surface broken prairie. Soil 3rd rate.

December 15th, 1869.

East on random between Townships 13 and 14 North, Range 5 West, setting temporary half mile and mile corners at every 40 and 80 chs. Variation 14°10' East. At 478.70 chs. Intersect Range line 1.10 chs. North of corner to Townships 13 and 14 North, Ranges 4 and 5 West. Therefore the correction will be 130 lks. East and 18 1/2 lks. South per mile. Then West on true line, South boundary of Township 14 North, Range 5 West, as follows:

West on true line, South boundary of sec. 36.

Va. 14°02' East.

40.00 Set sandstone 12x10x8, for 1/4 sec. cor. as per instructions.

80.00 Set granite 16x16x12, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.

Chs. lks.

Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 35.

Va. 14°02' East.

40.00 Set sandstone 20x10x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 18x14x4, marked as per instructions, for the corner to sections 2, 3, 34 and 35.

Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 34.

Va. 14°02' East.

1.00 Water course, 30 lks. wide, runs north.

40.00 Set granite 20x10x3, for  $\frac{1}{4}$  sec. cor. as per instructions.

43.00 Creek, 20 lks. wide, course N. E.

80.00 Set granite 18x18x10, marked as per instructions, for the corner to secs. 3, 4, 33 and 34.

Surface rocky. Prairie. Soil 3rd rate.

---

West on true line, South boundary of sec. 33.

Va. 14°02' East.

52.00 Creek, 15 lks. wide, course N. E.

40.00 Set granite 18x10x6, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set granite 18x8x6, marked as per instructions for the corner to secs. 4, 5, 32 and 33.

Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of secs. 32.

Va. 14°02' East.

40.00 Set granite 18x8x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set granite 15x10x4, marked as per instructions.

Field Notes of the Exterior Lines. of Township No. 14  
North, Range No. 5 West of the Navajo Special Meridian.

22  
21  
1940  
BOOK

Chs. lks.

for the corner to sections 5, 6, 31 and 32.  
Surface level. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 31.  
Va. 14°02' East.

40.00 Set granite 24x24x6, for  $\frac{1}{4}$  sec. cor. as per instructions.

78.70 Corner to Townships 13 and 14 North, Ranges 5 and 6 West.  
Surface level. Prairie. Soil 2nd rate.

---

General Description.

This township is all prairie, surface generally rolling. There are several creeks coming in from the south, having an average width of 20 links. It is well adapted to grazing, and large portions of it to farming purposes. Soil 2nd and 3rd rate.

---

Measuring chain compared with Standard and found correct.

---

Chs. lks.

There being but Township 14 and fractional Township 15 North in Range 6 fit for agricultural purposes, I ran West on true line between Townships 13 and 14 North, Range 6 West, as follows:-

It being impossible to project the line over high ridge lying just west of the Township corner, I commenced at the  $\frac{1}{4}$  sec. cor. between secs. 31 and 36 and ran West 90.60 chs. at which point I offset back to line on East bank of creek, 20 chs. wide, course north, and foot of ridge 400 ft. high.

Surface broken. Soil 3rd rate. Prairie. Then West on true line, South boundary of sec. 35.

Va.  $14^{\circ}10'$  East.

40.00 Set sandstone 14x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

58.50 Spring branch, 20 lks. wide, course north.

80.00 Cedar and cottonwood timber along banks.  
Set sandstone 24x24x6, marked as per instructions, for the corner to sec. 2, 3, 34 and 35.

Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 34.

Va.  $14^{\circ}10'$  East.

40.00 Set sandstone 25x20x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

40.40 Dry bed of creek, 20 lks. wide, course north.

80.00 Set sandstone 24x20x12, marked as per instructions for the corner to secs. 3, 4, 33 and 34.

Surface rough. Soil 3rd rate. Prairie.

---

West on true line, South boundary of sec. 33.

Va.  $14^{\circ}10'$  East.

40.00 Set granite 18x8x8, for  $\frac{1}{4}$  sec. cor. as per instructions.

( 23 )

Field Notes of the Exterior Lines of Township No. 14  
North, Range No. 6 West of the Navajo Special Meridian.

BOOK

23  
24  
1940

Chs, lks.	
72.00	Foot of bluff, runs out N. E. from Sierra Carrissa.
80.00	Set granite 20x12x8, marked as per instructions, for the corner to secs. 4, 5, 32 and 33. Surface broken. Prairie. Soil 3rd rate.
	West on true line, South boundary of sec. 32. Va. 14°20' East.
10.00	Begin ascent of bluff, bears north and south.
40.00	Marked sandstone boulder 4 ft. square for $\frac{1}{4}$ sec. cor. as per instructions.
42.00	Dry bed of creek, 25 lks. wide, course N. E.
50.00	Descend bluff.
80.00	Set sandstone 18x10x4, marked as per instructions for the corner to secs. 5, 6, 31 and 32. Surface broken. Prairie. Soil 3rd rate.
	West on true line, South boundary of sec. 31. Va. 14°20' East.
36.00	Dry bed of creek, 40 lks. wide, course N. E.
40.00	Set sandstone 14x12x4, for $\frac{1}{4}$ sec. cor. as per instructions.
78.40	Set sandstone 16x14x3, marked, and built mound of stone, for the corner to Townships 13 and 14 North, Ranges 6 and 7 West. Surface broken. Prairie. Soil 3rd rate.
	From corner to Townships 13 and 14 North, Ranges 6 and 7 West, North on West boundary on Township 14 North, Range 6 West, as follows: North on West boundary of sec. 31. Va. 14°00' East.
40.00	Set sandstone 14x12x6, for $\frac{1}{4}$ sec. cor. as per instructions.

Chs.lks.

80.00 Set sandstone 16x9x3, marked as per instructions, for the corner to secs. 25, 30, 31 and 36.  
Surface rolling. Prairie. Soil 2nd rate.

---

North on West boundary of secs. 30.

Va. 13°50' East.

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

80.00 Set sandstone 24x12x4, marked as per instructions, for the corner to secs. 19, 24, 25 and 30.  
Surface rolling. Prairie. Soil 2nd rate.

---

North on West boundary of sec. 19.

Va. 13°50' East.

40.00 Set sandstone 18x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

54.10 Cañon, course east.

58.15 Leave same.

80.00 Set sandstone 24x12x3, marked as per instructions, for the corner to secs. 13, 18, 19 and 24.  
Surface partly broken. Prairie. Soil 2nd rate.

---

North on West boundary of sec. 18.

Va. 13°50' East.

4.00 Leave bluff, 80 ft. high, bears east.

40.00 Set sandstone 18x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 13x10x6, marked as per instructions, for the corner to secs. 7, 12, 13 and 18.  
Surface broken. Prairie. Soil 3rd rate.

---

North on West boundary of sec. 7.

Va. 13°48' East.

40.00 Set charred post built mound and dug pits, for



25  
26

1940

Field Notes of the Exterior Lines of Township No. 14  
North, Range No. 6 West of the Navajo Special Meridian.

BOOK

Chs.lks.

1/4 section corner as per instructions.

80.00 Set sandstone 20x12x4, marked as per instructions, for the corner to secs. 1,6,7 and 12. Surface rolling. A few dwarf cedars along line. Soil 2nd rate.

North on West boundary of sec. 6.

Va. 13°48' East.

40.00 Set sandstone 18x10x4, for 1/4 sec. cor. as per instructions.

80.00 Set sandstone 18x12x7, marked, and built mound of stone as per instructions, for the corner to Townships 14 and 15 North, Ranges 6 and 7 West.

Surface rolling. Prairie. Soil 2nd rate.

Dec. 16th, 1869.

Measuring chain compared Standard found correct.

East on random between Townships 14 and 15 North, Range 6 West, setting temporary half mile and mile corners at every 40 and 80 chs. Va. 14°00' East. At 477.80 chs. intersect Range line 35 lks. north of corner to Townships 14 and 15 North, Ranges 5 and 6 West. Therefore, the correction will be 20 lks. east and 5-5/6 lks. south per mile. Then West on true line between Townships 14 and 15 North, Range 6 West, as follows:

West on true line, South boundary of sec. 36.

Va. 13°58' East.

27.70 Dry bed of creek, 150 lks. wide, course N. E.

40.00 Set sandstone 15x12x3, for 1/4 sec. cor. as per instructions.

(27)  
Field Notes of the Exterior Lines of Township No. 14  
North, Range No 6 West of the Navajo Special Meridian.

26  
27  
BOOK 1940

Chs.lks.

80.00 Set sandstone 16x12x3, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 35.  
Va. 13°58' East.

40.00 Set sandstone 14x12x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set granite 18x12x6, marked as per instructions, for the corner to secs. 2, 3, 34 and 35.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 34.  
Va. 13°58' East.

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

80.00 Set sandstone, 16x12x4, marked as per instructions, for the corner to secs. 3,4,33 and 34.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 33.  
Va. 13°58' East.

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

80.00 Set sandstone 18x14x4, marked as per instructions, for the corner to secs. 4,5,32 and 33.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 32.  
Va. 13°58' East.

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

80.00 Set sandstone 18x12x5, marked as per instructions, for the corner to secs.5,6,31 and 32.

28  
27  
BOOK 1940

Field Notes of the Exterior Lines of Township No. 14 North, Range No. 6 West of the Navajo Special Meridian.

Chs.lks.

Surface broken. Prairie. Soil 3rd rate.

---

West on true line, South boundary of sec. 31.  
Va. 13°58' East.

40.00 Set charred post, built mound and dug pits, for 1/4 sec. cor. as per instructions.

77.20 Corner of Townships 14 and 15 North, Ranges 6 and 7 West.

Surface gently rolling. Prairie. Soil 1st rate.

---

General Description.

This township is all prairie upland, surface generally rolling. It is well adapted to farming and grazing purposes, especially to the latter. Soil 2nd, 3rd and 1st rate.

---

Measuring chain compared with Standard and found 1/4 inch long. Carefully adjusted.

---

~~From corner to Townships 14 and 15 North, Ranges 6 and 7 West, North on West boundary~~

Chs.lks.

From corner to Townships 14 and 15 North, BOOK 1940  
Ranges 6 and 7 West, North on West boundary of  
fractional Township 15 North, Range 6 West,  
as follows:

North on West boundary of fractional sec. 31.  
Va. 14°00' East.

40.00 Set charred post, built mound and dug pits, for  
¼ sec. cor. as per instructions.

60.85 Intersect the 37th Parallel of North Latitude,  
that being the boundary line between Utah and  
Arizona and also the North boundary of the  
Navajo Indian Reservation, 33,60 chs. East of  
7th mile corner and set sandstone 16x12x8,  
marked "C C" for the corner to fractional Town-  
ship 15 North, Ranges 6 and 7 West, as per  
instructions.

Surface level. Prairie. Soil 1st rate.

---

General Description.

This township is all prairie, surface gene-  
rally level. It is well adapted to farming  
and grazing purposes. Soil 1st and 2nd rate.

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29  
30

Field Notes of the Exterior Lines of Township No. 14  
North, Range No. 7 West of the Navajo Special Meridian.

BOOK

Chs. lks.

From corner to Townships 14 and 15 North,  
Ranges 6 and 7 West, West on true line between  
Townships 14 and 15 North, Range 7 West, as  
follows:

West on true line, South boundary of sec. 36.  
Va. 14°24' East.

40.00 Set sandstone 15x12x4, for ¼ sec. cor. as per  
instructions.

80.00 Set sandstone 18x10x4, marked as per instruc-  
tions, for the corner to secs. 1,2,35 and 36.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 35.  
Va. 14°20' East.

40.00 Set sandstone 12x9x8, for ¼ sec. cor. as per  
instructions.

80.00 Set sandstone 16x10x4, marked as per instruc-  
tions, for the corner to secs. 2,3,34 and 35.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 34.  
Va. 14°24' East.

40.00 Set sandstone 12x10x8, for ¼ sec. cor. as per  
instructions.

80.00 Set sandstone 18x12x3, marked as per instruc-  
tions, for the corner to secs. 3,4,33 and 34.  
Surface rolling. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 33.  
Va. 14°24' East.

40.00 Set sandstone 14x10x5, for ¼ sec. cor. as per  
instructions.

80.00 Set sandstone 32x18x3, marked as per instruc-  
tions, for the corner to secs. 4,5,32 and 33.

Chs. lks.

Surface level. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 32.

Va. 14°45' East.

10.00 Foot of butte, bears north and south. Impossible to project line over same; therefore, offset 20.00 chs. North, thence West 66.70 chs. at which point offset back to line at west foot of butte.

80.00 Marked sandstone 38x28x10, as per instructions, for the corner to secs. 5, 6, 31 and 32.

Surface rocky. Prairie. Soil 2nd rate.

---

West on true line, South boundary of sec. 31

Va. 14°45' East.

40.00 Set sandstone 18x10x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

77.00 Marked sandstone boulder 6x6x3 ft. as per instructions, for the corner to Townships 14 and 15 North, Ranges 7 and 8 West.

Surface broken. Prairie. Soil 3rd rate.

December 17th, 1869.

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From corner to Townships 14 and 15 North, Ranges 7 and 8 West,

North on East boundary of sec. 36.

Va. 14°45' East.

14.00 Set sandstone 16x14x3, for  $\frac{1}{4}$  sec. cor. as per instructions.

63.00 Intersect 37th Parallel of North Latitude, that being the boundary line between Utah and Arizona and also the North boundary of the Navajo Indian Reservation, 37.00 chs. East of 13th mile corner, and set sandstone 20x12x4, marked

31  
32  
1940  
BOOK

Field Notes of the Exterior Lines of Township 14 North,  
Range 8 West of the Navajo Special Meridian.

Chs.lks.

"C C" for the corner to Township 15 North,  
Ranges 7 and 8 West.

Surface rolling. Prairie. Soil 2nd rate.

West on random between Townships 14 and 15  
North, Range 8 West, setting temporary half  
mile and mile corners at every 40 and 80 chs.  
Va. 14°20' East. At 476.70 chs. intersect <sup>\*</sup>Firs  
Guide Meridian, 125 lks. south of corner to  
Townships 14 and 15 North, Ranges 8 and 9 West.  
Therefore, the correction will be 20-5/6 lks.  
north per mile. Then East on true line between  
Townships 14 and 15 North, Range 8 West, as  
follows:

East on true line, South boundary of sec. 31  
Va. 14°29' East.

36.70 Set charred post, built mound and dug pits,  
for 1/4 sec. cor. as per instructions.

76.70 Deposited marked stone, set charred post, marked,  
built mound and dug pits, as per instructions,  
for the corner to secs. 5, 6, 31 and 32.

Surface gently rolling. Prairie. Soil 1st  
rate.

East on true line, South boundary of sec. 32.  
Va. 14°29' East.

40.00 Set charred post, built mound and dug pits,  
for 1/4 sec. cor. as per instructions.

80.00 Deposited marked stone, set charred post, mark-  
ed, built mound and dug pits, as per instruc-  
tions for the corner to secs. 4,5,32 and 33.

Surface rolling. Prairie. Soil 2nd rate.

East on true line, South boundary of sec. 33.  
Va. 14°29' East.

\* Field notes of lat. & mer. not on file in this office.

Chs. lks.

40.00 Set sandstone 15x13x4, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 16x14x3, marked as per instructions, for the corner to secs. 3, 4, 33 and 34.  
Surface rolling. Prairie. Soil 2nd rate.

---

East on true line, South boundary of sec. 34.  
Va. 14°29' East.

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

80.00 Set sandstone 15x14x3, marked as per instructions, for the corner to secs. 2, 3, 34 and 35.  
Surface rolling. Prairie. Soil 2nd rate.

---

East on true line, South boundary of sec. 35.  
Va. 14°29' East.

40.00 Set sandstone 14x10x8, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 16x14x3, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.  
Surface rolling. Prairie. Soil 2nd rate.

---

East on true line, South boundary of sec. 36.  
Va. 14°29' East.

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

80.00 Corner to Townships 14 and 15 North, Ranges 7 and 8 West.  
Surface rolling. Prairie. Soil 2nd rate.

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33  
34  
1940

Field Notes of the Exterior Lines of Township No. 14 North, Range No. 7 West of the Navajo Special Meridian.

BOOK

Chs.lks.

From corner to Townships 14 and 15 North, Ranges 7 and <sup>8</sup> West, South on true lines on West boundary of Township 14 North, Range 7 West, as follows:

South on West boundary of sec. 6.

Va. 14°40' East.

- .20 Foot of bluff, bears S., S. W. and N., N. E.
- .80 Top of same, 200 ft. high, almost perpendicular.
- 38.50 Leave same, bears east and west.
- 40.00 Set sandstone 14x12x3, for  $\frac{1}{4}$  sec. cor. 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. 1, 6, 7 and 12.  
Surface rolling. Prairie. Soil 2nd and 3rd rate.

South on West boundary of sec. 7.

Va. 14°40' East.

- 40.00 Set charred post, built mound and dug pits, for  $\frac{1}{4}$  sec. cor. 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. 7, 12, 13 and 18.  
Surface gently rolling. Prairie. Soil 1st rate.

South on West boundary of sec. 18.

Va. 14°40' East.

- 40.00 Set charred post, built mound and dug pits, for  $\frac{1}{4}$  sec. cor. 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. 13, 18, 19 and 24.

Chs.lks.

Surface gently rolling. Prairie. Soil 1st rate.

---

South on West boundary of sec. 19.

Va. 14°00' East.

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

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, for the corner to secs. 19, 24, 25 and 30.

Surface gently rolling. Prairie. Soil 1st rate.

---

South on West boundary of sec. 30.

Va. 13°45' East.

40.00 Set sandstone 18x8x3, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 15x11x3, marked as per instructions, for the corner to secs. 25, 30, 31 and 36.

Surface rolling. Prairie. Soil 2nd rate.

---

South on West boundary of sec. 31.

Va. 14°30' East.

14.25 Ravine, 70 lks. wide, course N. E.

31.00 Enter scattering piñon and cedar, bears E. & W.

40.00 Set sandstone 24x10x8, for  $\frac{1}{4}$  sec. cor. as per instructions.

80.00 Set sandstone 20x12x7, marked and built mound of stone, as per instructions, for the corner to Townships 13 and 14 North, Ranges 7 and 8 West.

Surface rolling. Last half covered with scattering piñon and cedar. Soil 2nd and 3rd rate.

December 18th, 1869.

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Field Notes of the Exterior Lines of Township No. 14 North, Range 7 West of the Navajo Special Meridian.

35  
36  
BOOK 1940

Chs.lks.

East on random between Townships 13 and 14 North, Ranges 7 West, setting temporary half mile and mile corners at every 40 and 80 chs. Va. 14°00' East. At 479.20 chs. intersect Range line 18 lks. North of the corner to Townships 13 and 14 North, Ranges 6 and 7 West.

Then, West on true line, between Townships 13 and 14 North, Range 7 West, as follows:

West on true line, South boundary of sec. 36.  
Va. 13°59' East.

- 40.00 Set sandstone 14x12x4, for ¼ sec. cor. as per instructions.
- 53.00 Enter scattering piñon timber, bears N. W. and S. E.
- 80.00 Set granite 18x10x6, marked as per instructions, for the corner to secs. 1, 2, 35 and 36.  
Surface rolling. Partly covered with piñon timber, 3rd rate. Soil 2nd rate.

---

West on true line, South boundary of sec. 35.  
Va. 14°00' East.

- 27.50 Leave scattering timber, bears N. E. and S. West.
- 40.00 Set granite 14x10x8, for ¼ sec. cor. 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. 2,3,34 and 35.  
Surface gently rolling. Mostly prairie.  
Soil 1st rate.

---

West on true line, South boundary of sec. 34.  
Va. 14°00' East.

- 40.00 Set charred post, built mound and dug pits, for ¼ sec. cor. as per instructions.

Chs.lks.

62.00 Enter scattering piñon and cedar, bears N. W.  
and S. E.

80.00 Set granite 16x12x6, marked as per instructions,  
for the corner to secs. 3, 4, 33 and 34.

Surface gently rolling. Generally prairie.

Soil 1st rate.

---

West on true line, South boundary of sec. 33.

Va. 14°00' East.

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

80.00 Set sandstone 16x14x3, marked as per instructions,  
for the corner to secs. 4, 5, 32 and 33.

Surface rolling. Scattering piñon and cedar,

3rd rate. Soil 2nd rate.

---

West on true line, South boundary of sec. 32.

Va. 14°00' East.

29.80 Ravine, 100 lks. wide, course north.

40.00 Set sandstone 16x13x5, for  $\frac{1}{4}$  sec. cor. as per  
instructions.

80.00 Set sandstone 14x12x6, marked as per instructions,  
for the corner to secs. 5, 6, 31 and 32.

Surface rolling. Scattering piñon and cedar,

3rd rate. Soil 2nd rate.

---

West on true line, South boundary of sec. 31.

Va. 13°59' East.

40.00 Set sandstone 15x13x4, for  $\frac{1}{4}$  sec. cor. as per  
instructions.

79.20 Corner to Townships 13 and 14 North, Ranges 7  
and 8 West.

Surface broken. Scattering piñon and cedar,

3rd rate. Soil 2nd and 3rd rate.

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37  
38  
1940  
BOOK

(38)  
Field Notes of the Exterior Lines of Township No. 14  
North, Range No. 8 West of the Navajo Special Meridian.

Chs.lks.

General Description.

This township is mostly prairie, surface generally rolling. It is well adapted to farming and grazing purposes. Soil 2nd, 1st and 3rd rate.

---

West on random between Townships 13 and 14 North, Range 8 West, setting temporary half mile and mile corners every 40 and 80 chs. Va. 14°30' East. At 479.30 chs. intersect First Guide Meridian 175 lks. south of corner to Township 13 and 14 North, Ranges 8 and 9 West. Therefore, the correction will be 29-1/6 north per mile. Then, East on true line between Townships 13 and 14 North, Range 8 West, as follows:

East on true line, South boundary of sec. 31.  
Va. 14°43' East.

39.30 Set sandstone 18x12x8, for 1/4 sec. cor. as per instructions.

79.30 Set sandstone 14x12x3, marked as per instructions, for the corner to secs. 5, 6, 31 and 32.

Surface rolling. Scattering piñon and cedar. 3rd rate. Soil 2nd rate.

---

East on true line, South boundary of sec. 32.  
Va. 14°43' East.

40.00 Set sandstone 16x13x7, for 1/4 sec. cor. as per instructions.

80.00 Set granite 18x14x6, marked as per instructions, for the corner to secs. 4, 5, 32 and 33.

Surface rolling. Scattering piñon and cedar. 3rd rate. Soil 2nd rate.

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Chs. lks.

BOOK 1940

East on true line, South boundary of sec. 33.  
Va. 14°43' East.

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

80.00 Set sandstone 26x16x8, marked as per instruc-  
tions, for the corner to secs. 3, 4, 33 and 34  
Surface broken. Scattering piñon and cedar,  
3rd rate. Soil 3rd rate.

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East on true line, South boundary of sec. 34.  
Va. 14°43' East.

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

80.00 Set sandstone 14x12x3, marked as per instruc-  
tions, for the corner to secs. 2, 3, 34 and 35.  
Surface broken. Scattering piñon and cedar,  
3rd rate. Soil 3rd rate.

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East on true line, South boundary of sec. 35.  
Va. 14°43' East.

40.00 Set sandstone 16x14x5, for  $\frac{1}{4}$  sec. cor. as per  
instructions.

80.00 Set sandstone 24x12x4, marked as per instruc-  
tions, for the corner to secs. 1, 2, 35 and 36.  
Surface rolling. Scattering piñon and cedar,  
3rd rate. Soil 2nd rate.

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East on true line, South boundary of sec. 36.  
Va. 14°43' East.

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

80.00 Corner to Townships 13 and 14 North, Ranges 7  
and 8 West.  
Surface rolling. Scattering piñon and cedar,  
3rd rate. Soil 2nd rate.

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BOOK 1940  
39

General Description.

This township is mostly prairie, surface generally rolling. It is well adapted to grazing and large portions of it to farming purposes. Soil 2nd, 1st and 3rd rate.

Measuring chain compared with Standard and found correct.

December 19th, 1869.

We hereby certify that we assisted Ehud N. Darling, U. S. Deputy Surveyor, in surveying the exterior lines of Townships No. \* \* \* \* \* \* \* \* \* \* 11 and 14 North, Range 5 West, Township 14 North, Range 6, 7, and 8 West, fractional Township 15 North, Ranges \* \* \* 6, 7 and 8 West, a portion of the West boundary of Townships \* \* \* \* \* and 10 North, Range 6 West \* \* \* \* \* and a portion of the South boundary of Township 10 North, Range 6 West, and that said exterior lines have been 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 General Land Office.

Willard S. Paul, Compassman.

Sheldon W. Shafer, }  
John Howe, } Chainman.

Robert C. Darling, }  
William J. Hare, } Cornersman.

Subscribed by the above named persons and sworn to before me, Ehud N. Darling, U. S. Surveyor, in Township 1 North, Range 6 West, of





41

Department of the Interior,

General Land Office,

April 12th, 1870.

The foregoing field notes of the survey of the exterior lines of Townships \* \* \* \* \*

\* \* \* \* \* Township 11 and 14 North, Range 5 West, Township 14 North, Ranges 6, 7 and 8 West, fractional Township 15 North, Ranges \* \* , 5, 6, 7 and 8 West, and a portion of the West boundaries of Township \* \* \* \* \* and 10 North, Range 6 West, \* \* \* \* \* \* \* \* \* and a portion of the South boundary of Township 10 North, Range 6 West of the Navajo Special Meridian, in the Territories of New Mexico and Arizona, executed by Ehad N. Darling, U. S. Surveyor, under his contract with the Commissioner of the General Land Office, dated April 29th, 1869, having been critically examined and the necessary corrections and explanations made, are, together with the surveys they describe approved.

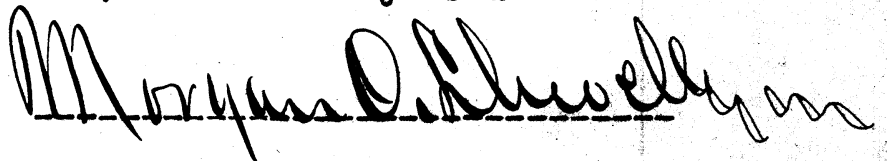
Jos. S. Wilson,  
Commissioner,

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

Santa Fe, N. M., Nov. 27, 1902.

I, Morgan O. Llewellyn, Surveyor General of New Mexico, hereby certify that the foregoing is a full, true and correct transcript of a copy, now on file in my office, of the field notes of the survey of the exterior lines of Township 14 North, Ranges 6 and 7 West, and portions of the exterior lines of Townships 14 and 15 North, Ranges 5, 6, 7 and 8 West, Township 10 North, Ranges 5 and 6 West and Township 11 North, Range 5 West of the Navajo Special Meridian, in the Navajo Indian Reservation.



Surveyor General for New Mexico.