

1943

Arizona

BOOK 1943

1943

1943

~~New Mexico~~

Boundary

Field Notes of the Exterior Lines
of Townships No 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
12, 12+14 North, Ranges 9 and 10 West,
and fractional Townships No. 1, 2, 3, 4, 5,
6, 7, 8, 9, 10, 11, 12, 13, 14 and 15, north,
Range 11 West, and fractional Town-
ship 15 north, Ranges 9 and 10 west
of the Navajo Special Meridian, sur-
veyed by Chas. C. Darling, U.S. Survey-
or, under his contract with the
Hon Jas. S. Wilson, Commissioner
of the General Land Office, dated
Washington, D.C. April 29th 1869.

1943

Commenced July 23rd 1869
Completed Nov 6th 1869

1943

1943

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Names of Assistants.

W. S. Paul, Compassman,

John Howe }
William J. Hare } Chainman

S. W. Shafer }
R. G. Darling } Cornermen

Measuring chain compared
with Standard and found
correct.

Chains Links. From corner to Township 1 North, Ranges 9 and 10 West, on South Boundary of Navajo Indian Reservation, thence North on West Boundary of Sec. 31.

Var. $14^{\circ}45'$ East.

10. 00. Leave Navajo corn field, bears N.W. and S.E. About 50 acres.
40. 00. Set charred post and built mound, for $\frac{1}{4}$ Sec, corner, as per instructions.
72. 00. Dry bed of creek, course S.W.
80. 00. Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to sec's 25, 30, 31 and 36, Surface level, prairie. Soil 1st rate.

North on West Boundary of Sec. 30.

Var. $14^{\circ}45'$ East.

27. 00. Dry bed of creek, 10 lks wide, course S.E.
40. 00. Set charred post and built mound for $\frac{1}{4}$ Sec, cor, as per instructions.
78. 00. Dry bed of creek, 10 lks wide, course S.W.
80. 00. Set sand stone, $20 \times 14 \times 3$, marked as per instructions, for the cor, to sec's 19, 24, 25 & 30. Surface level prairie. Soil 1st rate.

North on West Boundary of Sec. 19.

Var. $14^{\circ}50'$ East.

27. 00. Trail bears N.E. & S.W.
40. 00. Set charred post and built mound 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 Sec's 13, 18, 19 & 24, Surface level prairie. Soil 1st rate.

Field Notes of the Exterior Lines of Township No. 1

Chains, Links

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- North on West Boundary of Sec. 18,
Var. $14^{\circ} 45'$ East.
- 37 00 Enter scattering cedar and Pinon Timber,
bears N.E. and S.W.
- 40 00 Set charred post and built mound
for $\frac{1}{4}$ Sec. corner, as per instructions.
- 68 50 Ravine, 75 lks wide, course S.W.
- 80 00 Set sand stone, $20 \times 14 \times 4$, marked as
per instructions, for the corner to
Sec's 7, 12, 13 and 18.

Surface of first half level, prairie,
soil 1st rate; second half rolling,
covered with scattering cedar and Pinon,
3rd rate, Soil 2nd rate.

- North on West Boundary of Sec. 7,
Var. $14^{\circ} 48'$ East.
- 22 50 Ravine 1 chain wide, course N.W.
- 40 00 Set sand stone $24 \times 12 \times 3$, for $\frac{1}{4}$ Sec,
corner, as per instructions.
- 58 00 Dry creek, 10 lks wide, course S.W.
- 80 00 Set sand stone, $30 \times 16 \times 3$, marked as
per instructions, for the corner
to Sections 1, 6, 7 + 12.

Surface rolling and broken, covered
with cedar and Pinon, 3rd rate, Soil 3rd rate.

- North on West Boundary of Sec 6,
Var. $14^{\circ} 45'$ East.
- 26 - 00 Ravine 1 chain wide, bears West
- 40 00 Set sand stone, $16 \times 14 \times 3$, for $\frac{1}{4}$ Sec
corner, as per instructions.
- 80 00 Set sand stone, $24 \times 16 \times 3$, marked
as per instructions, and built
mound of stone around same, for the
corner to Townships 1 + 2 North, Ranges
9 and 10 West. Surface rolling,
covered with cedar and Pinon,
2nd rate, Soil 3rd rate.

Chains Links East on Random between Townships 1 and 2, North, Range 9 West on South Boundary of sec's 21, 22, 33, 24, 25, 36. Var. from 14° 40' to 14° 50' East, setting temporary half mile and mile corners at every 40 and 80 chains. At 6 miles intersect First Guide Meridian, 25 lks north of corner to Townships 1 and 2, North Ranges 8 and 9 West. Therefore the correction will be 4½ lks South per mile. Then West on true line, South Boundary of Sec. 36. Var. 14° 40' East.

40 00 Set sand stone 12x10x8. for ¼ Sec bar as per instructions.

55 00 Top of bluff, bears N.E. and S.W.

62 00 Foot of same.

80 00 Set sand stone, 15x14x3. marked as per instructions, for the corner to Sections 1, 2, 35 & 36. Surface rolling, covered with cedar and pinon, 2nd rate Soil 3rd rate.

West on South Boundary of sec. 35
Var. 14° 48' East.

10 00 Leave timber and enter prairie.

11 50 Trail bears North and South.

17 40 Spring branch, 10 lks wide, course S.W.

24 00 Enter scattering cedar and pinon, bears N.E.

27 50 Foot of sand stone bluff, bears N.E. & S.W.

38 50 Top of same.

40 00 Set sand stone, 24x12x4. for ¼ Sec bar as per instructions.

80 00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to Sec's 2, 3, 24 and 35.

Surface rolling, prairie & timber.
Soil 2nd and 3rd rate.

chains Links.

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Weston South Boundary of Sec 34.
Var. 14° 48' East.

- 50 Leave scattering cedar and Pinon, 3rd rate. Bears North and South
 - 25 00 Trail, bears North and South.
 - 40 00 Set charred post and built mound, for $\frac{1}{4}$ Sec. cor. as per instructions.
 - 42 50 Enter scattering Pinon and cedar timber, bears North and South.
 - 50 00 Set sand stone, 16 x 14 x 4, marked as per instructions, for the corner to Sec's 2, 4, 33 and 34.
- Surface rolling, about one half prairie, the balance covered with 2nd rate Pinon and cedar timber. Soil 2nd rate.

Weston South Boundary of Sec. 32.
Var. 14° 48' E.

- 13 50 Leave scattering cedar and Pinon timber, bears North and South.
 - 20 00 Trail bears North and South.
 - 22 00 Enter timber, bears North and South.
 - 40 00 Set sand stone 20 x 10 x 4 for $\frac{1}{4}$ Sec. corner, as per instructions.
 - 50 00 Set sand stone, 20 x 18 x 3, marked as per instructions, for the corner to Sections 4, 5, 32 & 33.
- Surface generally broken, mostly covered with cedar and Pinon, 3rd rate, Soil 3rd rate.

Weston South Boundary of Section 32.

Var. 14° 48' East

- 40 00 Set sand stone, 14 x 12 x 6, for $\frac{1}{4}$ Sec. corner, as per instructions
- 42 50 Ravine, bears South, 150 lks wide
- 50 00 Set sand stone, 26 x 15 x 4.

Chains Links marked as per instructions, for
the corner to Sec's 21, 22, 5 and 6.
Surface broken, covered
with Cedar and Pinon, 2nd rate.
Soil 2nd rate.

West on South Boundary of Sec 21.
Var. 14° 48' East.

- 40 00 Set sand stone, 15x14x5. for 4 Sec
corner, as per instructions.
61 50 Trail bears north and south
80 00 corner to Townships 1 & 2
North, Ranges 9 and 10 west.
Surface rolling, covered with
Cedar and Pinon, 2nd rate, Soil 3rd rate.

This Township is about one third
prairie, the balance being covered
with Cedar and Pinon, 2nd rate.

Soil 1st 2nd and 3rd rate. It is well
adapted to grazing purposes, and in
some places to farming. There
are a number of small streams
rising in the north portion of the
Township, which flow generally
south-westwardly into the "Rio
Colorado Chiquito" which passes
through the South East corner
of the Township
August 23rd 1869.

Measuring chain compared
with Standard found correct.
From corner to Township 1
North, Ranges 10 & 11 west.
North on East Boundary of
Section 26.

Var. 14° 20' East.

- 40 00 Set sand stone, 15x12x3. for
4 Sec, corner, as per instructions.

Field Notes of the Exterior Lines of Township

9

Chains
80

Links
00

BOOK 1943

Set sand stone, 20 x 12 x 3, marked as per instructions, for the corner to secs. 25, 30, 31 + 36.
Surface very broken.
Scattering dwarf Pinon and Cedar, 2nd rate. Soil 2nd rate.

North on East boundary of sec. 25.
Var. 14° 20' East.

40

00

Set sand stone, 20 x 10 x 3, for 1/3 sec. corner, as per instructions

80

00

Set sand stone, 16 x 12 x 3, marked as per instructions, for the corner to sections 19, 24, 25 and 30. Surface broken. Scattering Cedar and Pinon, 2nd rate. Soil 2nd & 3rd rate.

North on East boundary of sec. 24.
Var. 14° 20' East.

40

00

Set charred post and built mound for 1/3 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 gently rolling. Scattering cedar and Pinon, 2nd rate. Soil 2nd rate.

North on East Boundary of Sec. 13. Var. 14° 20' E.

35

00

Trail, bears East and West

40

00

Set charred post and built mound, for 1/3 sec. corner, as per instructions.

80

00

Deposited marked stone, set charred post, marked, built mound, and dug pits,

chains Links.

as per instructions, for the corner to secs 7, 12, 13 + 18.

Surface level, Gradual descent towards the S.W. prairie.
Soil 1st rate.

North on East boundary of sec. 12.
Var. 14^o 20' East.

- 12 00 Trail, bears East and West.
- 14 50 Ravine 100 lks wide bears West.
- 40 00 Set charred post and built mound, for 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 1, 6, 7 + 12.
Surface level, prairie.
Soil 2nd rate.

North on East Boundary of Sec. 1.
Var. 14^o 20' East.

- 40 00 Set charred post and built mound for 4 sec cor, as per instructions.
- 58 00 Ravine 100 lks wide, course west.
- 80 00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to Townships 1 + 2 North, Range 10 + 11 West.
Surface level, prairie.
Soil 2nd rate.

East on Random between Townships 1 + 2, North Range 10 West, South boundary of sections 31, 32, 33

Field notes of the Exterior Lines of Township

Chains,
BOOK

Links,
1943

24, 25 and 26. setting temporary half mile and mile corners at every 40 and 80 chs.
Var. from $14^{\circ}15'$ to $14^{\circ}30'$ East.
At 6 miles and 10 lks. intersect Range line between Ranges 9 and 10 west, 26 links North to corner to Townships 1 and 2 North. The correction, therefore will be 6 lks South and 10 lks East per mile. Then West on true line on South Boundary of Sec. 26.

- 22 00 Leave cedar and junon, $2^{\frac{1}{2}}$ rate, bears North and South.
- 27 00 Ravine, 1.50 chs. wide, course NW.
- 40 90 Set sand stone, $24 \times 14 \times 6$, for $\frac{1}{4}$ Sec, cor. as per instructions
- 61 30 Ravine, 80 lks wide, course NW.
- 80 00 Set sand stone, $12 \times 10 \times 10$, marked as per instructions, for the corner to Sec's 1, 2, 35 + 36.
Surface very broken.
mostly prairie.
Soil $2^{\frac{1}{2}}$ rate.

West on South boundary of Sec. 25.

- 14 30 Leave Bluffs, bear W + South
- 40 00 Set sand stone, $20 \times 7 \times 4$, for $\frac{1}{4}$ Sec, cor. as per instructions.
- 49 30 Dry creek 150 lks wide, course NW.
- 75 75 Dry creek 30 lks wide course N.E.
- 80 00 Set sand stone $18 \times 14 \times 6$, marked as per instructions for the corner to Sec's 2, 3, 24 and 25.

chains Links

Surface mostly level, Prairie.
Soil 2nd and 3rd rate.

West on South Boundary of
Sec. 24.

Var. 14° 28' East

- 40 00 Set sand stone 16 X 14 X 6, for 1/4
Sec, corner as per instructions.
- 69 00 Foot of bluff, bears N.W. & S.E.
- 80 00 Set sand stone 16 X 12 X 10, marked
as per instructions, for the
corner to secs 2, 4, 33 & 24.
Surface broken, Prairie.
Soil 3rd rate.

West on South Boundary
of Sec. 33.

Var. 14° 28' East

- 33 00 Top of bluff, bears N.W. & S.E.
- 37 50 Enter scattering cedar and
pinon, bears North and South.
- 40 00 Set sand stone, 14 X 8 X 6, for 1/4
Sec, corner, as per instructions.
- 42 50 Leave scattering cedar and
pinon, 3rd rate, bears N & S.
- 80 00 Deposited marked stone, set
charred post, marked, built
mound and dug pits as per
instructions, for the corner
to sections 4, 5, 22 and 33.
Surface of 1st half broken.
Soil 3rd rate.
Surface of 2nd half rolling.
Soil 2nd rate.
mostly prairie, a small portion
being covered with cedar
and Pinon. 3rd rate.

Chains Links
 BOOK 1943

Western South Boundary of Sec. 32.
 Var. $14^{\circ} 28'$ East.

- 9 00 Trail bears North and South
 - 40 40 Set charred post and built mound for $\frac{1}{4}$ Sec, cor. as per instructions.
 - 50 50 Trail bears north and south.
 - 80 00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to Sections 5, 6, 31 & 32.
- Surface gently rolling. Prairie.
 Soil 2nd rate.

Western South Boundary of Sec. 31.

Var. $14^{\circ} 28' E.$

- 26 50 Trail bears North and South.
 - 40 00 Set charred post, and built mound, for $\frac{1}{4}$ Sec, corner, as per instructions.
 - 79 70 Trail, bears north & south
 - 80 00 Corner to Townships 1 and 2. North. Ranges 10 & 11 West.
- Surface gently rolling, prairie.
 Soil 2nd rate.

This Township is nearly all 2nd class land, well adapted to grazing purposes. With a large supply of water fair crops could be raised. About $\frac{1}{4}$ is covered with scattering cedar and Pinon, 3rd rate, the balance being prairie. There are no springs or water courses, except such as dry up in the dry season. This Township is mostly upland.

Field Notes of the Exterior Lines of ^{grace} Township No. 2,
North of Range 11 West of the Carajo Special Meridian.

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BOOK 1943

Chains

Links

West on Random Line, between
Townships 1 & 2 North, Range 11
West, on South Boundary of Sec.
26 and fractional section 25. Setting
temporary half mile and mile
corners at every 40 and 80 chs.

Var. $14^{\circ} 30'$ East.

At one mile 39 chs and 20 lks, inter-
sect West Boundary of Carajo Reser-
vation, 12 lks north of $6\frac{1}{4}$ mile corner.
Therefore the correction will be
8 lks per mile South, Then East
on true line, South Boundary of
Fractional Section 25.

Var. $14^{\circ} 33'$ East.

34
39

70 Trail bears north and South.
20 Deposited marked stone, set charred
post, marked, built mound and
dug pits as per instructions for
the corner to Sections 1, 2, 25
and 26.

Surface level, Prairie. Soil $1\frac{1}{4}$ rate.

East on South Boundary of Sec. 26.

Var. $14^{\circ} 33'$ East.

28
40
80

00 Trail bears north and South
00 Set charred post and built
mound for $\frac{1}{4}$ Sec. corner, as
per instructions.
00 Corner to Townships 1 and
2 North, Ranges 10 + 11 West.
Surface level, Prairie.
Soil $1\frac{1}{4}$ rate.

This fractional Township, mostly
prairie, and about a mile and
a half in width. Judging
from appearances, the greater
portion of it has been under
cultivation some years past.
Surface generally level.
Soil $1\frac{1}{4}$ rate. Aug. 29th 1869.

Chains. Links
BOOK 1943

measuring chain compared with standard and found correct. From corner to Township 1 and 2 North, Ranges 9 and 10 West, North on East Boundary of Sec. 36.

Var. $14^{\circ} 40'$ East.

- 15 30 Trail bears N.W. and S.E.
- 22 00 Ravine 150 lks wide, course N.W.
- 40 00 Set sand stone, $20 \times 15 \times 3$, for $\frac{1}{4}$ Sec, corner as per instructions.
- 47 00 Leave Cedar and Pinon 3^{rd} rate, bears East and West.
- 51 30 Trail, bears N.E. and S.W.
- 75 20 Ravine 100 lks wide, course N.W.
- 80 00 Set sand stone, $20 \times 8 \times 6$, marked as per instructions, for the corner to sections 25, 30, 31 & 36. Surface broken. First half covered with cedar and Pinon 3^{rd} rate. The last half prairie. Soil 3^{rd} rate.

North on East Boundary of Sec. 25.

Var. $14^{\circ} 42'$ East.

- 23 00 Ravine 100 lks wide, course N.W.
- 39 00 Ravine 85 lks wide, course West.
- 40 00 Set sand stone, $24 \times 16 \times 4$, for $\frac{1}{4}$ Sec, corner as per instructions.
- 76 20 Ravine 120 lks wide, course West.
- 80 00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to sections 19, 24, 25 and 30. Surface broken. Prairie. Soil 2^{nd} and 3^{rd} rate.

Chains	Links	
		North on east Boundary of Sec. 24.
		Var. $14^{\circ} 42'$ East.
9	00	Ravine 140 links wide, course west,
40	00	Set charred post and built mound, for $\frac{1}{4}$ Sec, cor, as per instructions.
46	00	Trail bears N.W. and S.E.
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 level, Prairie.
		Soil 1 st and 2 nd rate.

North on East Boundary of Sec. 13.

Var. $14^{\circ} 45'$ East.

40	00	Set sand stone, $16 \times 10 \times 3$. 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 in- structions, for the corner to sections 7, 12, 13 & 18.
		Surface rolling, prairie.
		Soil 2 nd rate.

North on East Boundary of Sec. 12.

Var. 15° East.

35	00	Dry Creek, 30 lks wide, course N.W.
40	00	Set sand stone, $14 \times 12 \times 4$, for $\frac{1}{4}$ sec, corner, as per instructions.
65	80	Ravine 100 lks, course west,
80	00	Deposited marked stone, set charred post, marked, built mound, and dug pits, as per instructions, for the corner to sections 1, 6, 7 & 12.
		Surface rolling, prairie.
		Soil 2 nd rate.

17 Field Notes of the Exterior Lines of Township No. 2
 North, Range 9 West of the Cravay Special Meridian.

Chains Links
 BOOK 1943

Duplicate of preceding page.

North on East Boundary of Sec. 12.
 Var. 14° 45' East.

40 00 Set sand stone, 16 X 10 X 3, 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 sec's 7, 12, 13 + 18.
 Surface rolling. Prairie.
 Soil 2^{1/2} rate.

North on East Boundary of Sec. 12.
 Var. 15° East.

25 00 Dry creek 20 lks wide. course N.W.

40 00 Set sand stone, 14 X 12 X 4, for 1/4 sec. cor. as
 per instructions.

65 85 Ravine, 100 lks. course west.

80 00 Deposited marked stone, set charred post,
 marked, built mound and dug pits,
 as per instructions, for the cor.
 to sec's 1, 6, 7 + 12.
 Surface rolling. Prairie. Soil 2^{1/2} rate.

North on East Boundary of Sec. 1.
 Var. 15° East.

15 00 Enter scattering cedar and
 Pinon, bears East and west.

29 00 Leave same, bears East and west.

40 00 Set sand stone, 14 X 12 X 3, for 1/4 Sec.
 corner, as per instructions.

61 00 Enter scattering cedar and Pinon
 bears East and west.

80 00 Set sand stone, 20 X 14 X 10,
 marked, and built mound of
 stone around same, as per instructions,
 for the corner to Townships 2 + 3.
 North, Ranges 9 + 10, west.
 Surface rolling, mostly covered with
 cedar and Pinon, 3^{1/2} rate. Soil 3^{1/2} rate.
 September, 4th, 1869.

Chs. Links

From the cor. to Township 2 L & 3 North, Ranges 9 and 10 West. North on East Boundary of sec. 26. Var. 15° 05' E.

40

00 Set sand stone, 20 x 14 x 5. for $\frac{1}{4}$ sec. corner, as per instructions

L

80

00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to sec's 25, 30, 31 & 36.

9

Surface rolling, covered with cedar and Pinon, 3rd rate, Soil 2nd rate.

North on East Boundary of sec. 25. Var. 15° 05' E.

25

00 Dry Creek, 15 lks wide, course SW.

40

00 Set sand stone, 16 x 14 x 4. for $\frac{1}{4}$ sec. corner, as per instructions.

L

80

00 Set sand stone, 15 x 14 x 8. marked as per instructions, for the corner to sec's 19, 24, 28 & 30.

K

Surface rolling.

Scattering Pinon and cedar, 3rd rate. Soil 2nd rate.

North on East Boundary of sec. 24. Var. 15° East.

26

00 Ravine, 150 chs wide, course West.

40

00 Set sand stone, 14 x 12 x 3. for $\frac{1}{4}$ sec. cor. as per instructions.

L

80

00 Set sand stone, 16 x 14 x 5, marked as per instructions, for the corner to sections 13, 18, 19 and 24.

K

Surface rolling, Scattering Cedar and Pinon, 3rd rate. Soil 2nd rate.

Field Notes of the Exterior Lines of Township
 19 No 3 North, Range 9 West, the Navajo Special Meridian

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 BOOK 1943
 Chains

North on East Boundary of Sec. 13.
 Var. 1st East.

20.00 Dry Creek, 40 lks wide, course NW.

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

74.00 Ravine 100 lks wide, course West.

K 80.00 Set sand stone, 10 x 14 x 6, marked
 as per instructions, for the cor.
 to sec's 7, 12, 13 & 18.

Surface rolling. Scattering
 Cedar and Pinon, 3rd rate. Soil 2nd rate.

North on East Boundary of Sec.
 12.

Var. 15th East.

J 40.00 Set sand stone, 14 x 12 x 3, for $\frac{1}{4}$ Sec.
 cor, as per instructions.

79.00 Enter cañon, course West.

K 80.00 Marked surface rock, as per in-
 structions, for the corner to
 Sec's 1, 6, 7 & 12.

Surface rolling.
 Scattering Cedar and Pinon,
 3rd rate. Soil 2nd rate.

North on East Boundary of
 Sec. 1.

Var. 15th East.

L 2.00 Leave cañon, course West.

40.00 Set sand stone, 16 x 14 x 3, for $\frac{1}{4}$ sec.
 cor, as per instructions.

43.00 Cañon 200 feet deep, course West.

53.00 Leave same.

M 80.00 Set sand stone 20 x 14 x 8, marked
 as per instructions, for the
 corner to Townships 3 & 4
 North, Range 9 & 10 West.

Surface broken.
 Scattering pinon & cedar, 3rd rate.
 Soil 3rd rate. September 4, 1889.

Chains

BOOK 1943

Measuring chain compared with standard & found correct.

From corner to Townships 3 & 4 North, Ranges 9 & 10 West. North on East Boundary of Sec. 26.

Var. 15° 05' East

18.00 Leave Cedar and Pinon timber, 3/4 rate, bears East and west.

40.00 Set charred post and built mound for 1/4 sec. corner, as per instructions. H

62.00 Trail, bears East and West.

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to Sections 25, 30, 31 and 36. 9

Surface gently rolling.
Mostly prairie.
Soil 3/4 rate.

North on East Boundary of Sec. 25.
Var. 15° 05' East.

40.00 Set charred post and built mound, for 1/4 sec. corner, as per instructions. H

80.00 Set sand stone, 18 x 10 x 6, marked as per instructions, for the corner to Sec's 19, 24, 25 & 30. R

Surface gently rolling.
Prairie. Soil 3/4 rate.

North on East Boundary of Sec. 24.
Var. 15° 05' East.

2.25 Enter Cedar and pinon timber, bears East and West.

40.00 Set sand stone, 14 x 12 x 4, for 1/4 Sec. corner, as per instructions. L

54.90 Cañon, course west.

89.90 Leave same.

18
300K 1943
K

Chains

68.00 Sand stone Bluff 150 feet high.
80.00 Place for corner to Sections
13, 18, 19 and 24, on bluff.
Impossible to establish same.
Surface broken, covered with
cedar and pinon, 3/4 rate Soil 3/4 rate.

North on East Boundary of Sec. 13.
Var. 14 1/2 East

L 40.00 Set sand stone, 15 x 12 x 8, for 1/4
Sec. corner, as per instructions.

71.00 Leave cedar and pinon, 3/4 rate, bears
East and West.

9 80.00 Deposited marked stone, set charred
post, marked, built mound and
dug pits, as per instructions,
for the corner to sections 8,
12, 13 and 18.

Surface broken, mostly covered
with cedar and pinon, 3/4 rate.
Soil 3/4 rate.

North on East Boundary of
Sec. 12.

Var. 15 East.

H 40.00 Set charred post and built mound
for 1/4 Sec. cor, as per instructions.

59.00 Enter cedar and pinon, bears
East and West.

K 80.00 Set sand stone, 18 x 14 x 3, marked
as per instructions for the
corner to Sections 1, 6, 7 + 12.

Surface rolling, 1/2 half
prairie, last half covered
with scattering cedar and
pinon 3/4 rate, Soil 2/4 rate.

North on East Boundary of Sec. 1.
Var. 15 East.

Chains

- 35.00 Cañon, 60 feet deep, course N.W.
 - 28.50 Leave same.
 - 40.00 Set sand stone, 16 X 15 X 8, for $\frac{1}{4}$ Sec. Corner, as per instructions.
 - 62.00 Cañon, course N.W.
 - 68.50 Leave same.
 - 80.00 Set sand stone, 16 X 14 X 5, marked as per instructions, and built mound of stone around same, for the corner to Townships 4 and 5 North, Ranges 9 and 10 West. Surface broken, covered with cedar and pinon, $\frac{3}{4}$ rate. Soil $\frac{3}{4}$ rate.
- September, 11th, 1869.

Measuring chain compared with standard, found correct.

From corner to Townships 4 and 5 North, Ranges 9 & 10 West, North on East Boundary of Sec. 36.

Var. 15° East.

- 40.00 Set sand stone, 24 X 16 X 6, for $\frac{1}{4}$ Sec. cor. as per instructions.
- 42.50 Cañon, 150 feet deep, course West.
- 48.50 Leave same.
- 80.00 Set sand stone, 28 X 14 X 4, marked as per instructions, for the corner to Sec's 25, 30, 31 & 36. Surface broken, covered with cedar and Pinon, $\frac{3}{4}$ rate. Soil $\frac{3}{4}$ rate.

North on East Boundary of Sec 25.

Var. 15° East.

- 40.00 Set sand stone, 16 X 14 X 3, for $\frac{1}{4}$ Sec. corner, as per instructions.
- 80.00 Set sand stone, 36 X 16 X 6, marked as per instructions.

20 Chains

BOOK 1943

for the corner to secs. 19, 24, 25
and 30.

Surface broken, covered with
cedar and Pinon, 3/4 rate. Soil 3/4 rate.

North on East Boundary of Sec. 24,
Var. 15° East,

31.00 Trail leading to Cañon "Bonita",
course East,

32.00 Cañon "DeChille", 800 feet deep,
course West,

In order to determine the distance
over Cañon, set flag on opposite
side of same. Offset East 10.00

chains. Flag bears north
15° 45' East. Therefore the dis-
tance over Cañon is 25.47 chs.

Cañon "DeChille" at this point
is about 800 feet deep.

Sides almost perpendicular.

K 80.00 Set sand stone, 24 x 12 x 4, marked
as per instructions, for the
corner to sections 13, 18, 19
and 24.

Surface very broken, covered
with cedar and Pinon, 3/4 rate.

Soil 3/4 rate.

North on East Boundary of
Sec. 13.

Var. 15° East,

D 40.00 Set charred post, and built
mound, for 1/2 sec. corner, as
per instructions.

K 80.00 Set sand stone, 16 x 14 x 5, marked
as per instructions, for the
corner to secs. 7, 12, 13 & 18.

Surface broken, covered
with cedar and Pinon, 3/4 rate.

Soil 3/4 rate.

Chains

BOOK 1943 21

North on East Boundary of Sec. 12
Var. 15° East.

40.00 Set sand stone, 16 x 12 x 6, for
¼ Sec. cor. as per instructions. L

79.50 Cañon, course west.

Set witness corner on edge of
Cañon. Sand stone 16 x 12 x 8,
marked "W.C." and built mound
of stone around same. J

Surface broken, covered
with cedar and Pinon, 3rd rate.
Soil third rate.

North on East Boundary of
Section 1.

Var. 15° East.

3.50 Leave Cañon.

40.00 Set sand stone, 20 x 18 x 2, for ¼
Sec. corner, as per instructions. L

80.50 Intersect First Standard
Parallel, 23.10 chains East
of corner to Township 6.

North, Ranges 9 and 10 West.

Set sand stone, 18 x 10 x 4,
marked "C.C." for closing
corner. Q

Surface broken, covered
with cedar and Pinon, 3rd rate.

Soil 3rd rate.

September 12th 1869.

22 Chains
BOOK 1943

From the corner to Townships
1 and 2 North, Ranges 10 & 11
West, North on East Boundary
of Sec. 36.

Var. 14° 45' East

40.00 Set charred post and built mound
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 cor. to secs 25, 30, 31 & 36.

Surface gently rolling.
Prairie. Soil 2nd rate.

North on East Boundary of Sec. 25.
Var. 14° 45' East

1.70 Trail bears W. & S.W.

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

80.00 Set sand stone, 18x15x3, marked
as per instructions, for the corner
to secs 19, 24, 25 and 30.

Surface gently rolling.
Prairie. Soil 2nd rate.

North on East Boundary of
Sec. 24.

Var. 15° East

29.50 Trail, bears W. and S.E.

40.00 Set sand stone, 14x12x3, for 1/4 Sec,
corner, as per instructions.

40.40 Top of Bluff, bears W. & S.E.

80.00 Set sand stone, 16x12x3, marked
as per instructions, for the
corner to sections 13, 18, 19
& 24.

Surface very broken.
Prairie. Soil 3rd rate.

Chains

BOOK 23
1943

North on the East Boundary of
Sec. 13.

Var. 15° East

- 23.00 Ravine, 80 lks wide, course N.E.
- 40.00 Set sand stone, 12 x 12 x 10, for $\frac{3}{4}$ Sec. corner, as per instructions.
- 71.00 Enter broken ground.
- 80.00 Set sand stone, 14 x 10 x 8, marked as per instructions, for the corner to Secs 7, 12, 13 + 18.
Surface very broken. Prairie
Soil 3rd rate.

North on East Boundary of Sec. 12

Var. 14° 48' East

- 37.00 Ravine, 125 lks wide, course N.E.
- 40.00 Set sand stone, 12 x 12 x 8, for $\frac{1}{4}$ Sec. corner, as per instructions.
- 80.00 Set sand stone, 16 x 12 x 10, marked as per instructions, for the corner to Secs. 1, 6, 7 + 12.
Surface broken. Prairie
Soil 3rd rate.

North on East Boundary of Sec. 1.

Var. 14° 48' E.

- 23.00 Leave Valley, bears N.E. & S.W.
- 33.50 Top of Bluff, " N.E. & S.W.
- 40.00 Set charred post, and built mound, for $\frac{3}{4}$ Sec. Cor, as per instructions.
- 80.00 Set sand stone 16 x 14 x 3, marked and built mound of stone around same, as per instructions, for the corner to Townships 2 and 3 North, Ranges 10 + 11 West.
Surface broken. Prairie
Soil 3rd rate.

24

chains

BOOK 1943

East on Random between Townships 2 and 3 North, Range 10 West, setting half mile and mile corners, (Temporary) at every 40 and 80 chains. Var. $14^{\circ}40'$ to $14^{\circ}50'$ E.

At 479 chains and 60 lks. intersect Range line 48 lks north of corner to Townships 2 and 3 North, Ranges 9 and 10 West.

Therefore the correction will be 8 lks South and 40 lks West per mile. Then West on true line South Boundary of Sec. 36.

Var. $14^{\circ}27'$ East

37.00 Leave scattering Cedar and Pinon, 3rd rate, bears N.W. + S.E.

40.00 Set sand stone, $20 \times 8 \times 7$, for $\frac{1}{2}$ Sec, Cor. as per instructions.

58.00 Dry Creek, course N.W. 50 lks wide.

80.00 Set sand stone, $15 \times 12 \times 6$, marked as per instructions, for the corner to Secs. 1, 2, 35 and 36.

Surface rolling. First half covered with scattering Cedar and Pinon, 3rd rate; last half prairie.

Soil 3rd & 2nd rate.

West on South Boundary of Sec. 35.

Var. $14^{\circ}42'$ East

6.00 Trail, bears N.W. + S.E.

40.00 Set sand stone, $14 \times 9 \times 8$, for $\frac{1}{4}$ Sec, corner, as per instructions.

63.46 Clay Cañon, course N.W.

66.96 Leave same.

80.00 Deposited marked stone, set charred post, marked, built mound, and dug pits as per instructions, for the corner

chains

to Sections 2, 3, 24 and 25.

BOOK 1943

Surface broken, Prairie.
Soil 2⁴/₄ rate.

West on South Boundary of Sec. 24.

Var. 14° 45' East.

40.00 Set petrified wood, 20 x 8 x 6, for $\frac{3}{4}$
Sec. corner, as per instructions.80.00 Set petrified wood, 18 x 8 x 6,
marked as per instructions, for
the corner to Sec's 3, 4, 23 + 24.

Surface rolling, Prairie.

Soil 2⁴/₄ rate.

West on South Boundary of Sec. 33.

Var. 14° 47' East.

40.00 Set charred post, and built mound
for $\frac{3}{4}$ 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 Sec's 4, 5, 32 + 33.Surface level, Prairie, Soil 1⁴/₄ rate.

West on South Boundary of Sec. 32.

Var. 14° 45' East.

16.50 "Rio Puerco", course north

25.00 Leave same. Low banks, sandy
bottom, gentle current and
water very muddy.40.00 Set charred post and built mound,
for $\frac{3}{4}$ Sec. cor. as per instructions.80.00 Set sand stone, 16 x 12 x 3, marked
as per instructions, for the
corner to Sec's 5, 6, 31 and 32.

Surface level, Prairie.

Soil 1⁴/₄ rate.

26

Chains

BOOK 1943

Weston South Boundary of Sec. 31.
 Va. 14° 45' East.
 40.00 Set sand stone, 14x12x4, for $\frac{1}{4}$
 Sec. corner, as per instructions.
 55.00 Foot of bluff, bears north and south
 67.00 Top of same, bears north and south
 79.60 Corner to Townships 2 and 3 North,
 Ranges 10 & 11 West.
 Surface level except bluff. Prairie.
 Soil 2nd rate

General Description

This Township is mostly prairie.
 The soil is 2nd rate, adapted to
 farming purposes.

Field Notes of the Exterior Lines
 of Township No. 2, North,
 Range No. 11, West of the Navajo
 Special Meridian.

From corner to Townships 2
 and 3 North, Ranges 10 & 11 West,
 West on South Boundary of Sec. 36.
 Va. 14° 48' East.

H 40.00 Set charred post and built mound,
 for $\frac{1}{4}$ Sec. corner, as per instructions.
 9 80.00 Deposited marked stone, set
 charred post, marked, built mound,
 and dug pits, as per instructions
 for the corner to sections 25,
 30, 31 & 36.

Surface gently rolling. Prairie.
 Soil 2nd rate.

West on South Boundary of Sec.
 35, Va. 14° East.

40.00 Intersect West Boundary of
 Navajo Reservation 63 links
 north of 12th mile corner,
 and set charred post and

Chains

BOOK 2730
1943

built mound, for $\frac{1}{4}$ Sec. cor.
and corner to fractional secs
2 and 25.

Surface rolling. Prairie.
Soil 2^d rate.

General Description.

This Fractional Township is
all prairie, and nearly level.

Soil 2^d rate.

Measuring chain compared
with Standard and found $\frac{1}{8}$
inch long, and adjusted thereto.
September 5th 1889.

Measuring chain compared with
Standard and found correct.

From corner to Township
2 & 3 North, Ranges 10 & 11 West,

North on East Boundary of Sec. 26.

Var. $14^{\circ} 45'$ East.

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

80.00 Set sand stone, 16 X 14 X 8, marked as per instructions for the corner to secs 20, 30, 31 and 36. K

Surface gently rolling. Prairie.
Soil 2^d rate.

North on East Boundary of Sec. 20.

Var. $14^{\circ} 45'$ East.

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

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. J

Surface gently rolling. Prairie.

Field Notes of the Exterior Lines of Township

31 432

Chains

28

Soil 2^d rate.

BOOK 1943

North on East Boundary of Sec. 24.
Var. 14° 45' East.

H 40.00 Set charred post and built mound for 4 Sec. Cor. as per instructions.
 G 80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to sections 13, 18, 19 & 24.
 Surface rolling. Prairie.
 Soil 2^d rate.

North on East Boundary of Sec. 12.
Var. 14° 45' East.

R 40.00 Set sand stone, 12 x 10 x 8, for 4 Sec. corner, as per instructions.
 G 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 & 18.
 Surface rolling. Prairie.
 Soil 2^d rate.

North on East Boundary of Sec. 12.
Var. 14° 45' E.

2.50 Trail, bears East and West.
 H 40.00 Set charred post and built mound for 4 Sec. corner, as per instructions.
 G 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 & 12.
 Surface rolling, Prairie.
 Soil 2^d rate.

Chains

BOOK 1943

North on East Boundary of
Sec. 1.

Var. $14^{\circ}45'$ East

2.60 Trail, bears East and West,
22.00 Bluff, bears N.W. & S.E.,
40.00 Set sand stone, $16 \times 14 \times 4$, for
& Sec, corner, as per instruc-
tions

80.00 Set sand stone, $30 \times 12 \times 12$, marked
and built mound of stone
around, as per instructions, for
the corner to Townships 3 & 4,

W

North, Ranges 10 & 11 West.
Surface Broken, Prairie.
Soil 3/4 rate.

September 13th 1869.

East on Random between Town-
ships 3 and 4 North, Range
10 West. Setting temporary
half mile and mile corners
at every 40 and 80 chains.

Var. $14^{\circ}55'$ to $15^{\circ}05'$ E.

At 479 chains 70 lks intersect
Range line 90 lks north of cor,
to Townships 3 & 4 North,

Ranges 9 and 10 West, Therefore
the correction will be 15 lks
South and 30 lks west per mile.

Then west on true line,
South Boundary of Sec. 36.

Var. $14^{\circ}59'$ East.

40.00 Set sand stone, $18 \times 14 \times 3$, for
& Sec, corner, as per instruc-
tions.

L

72.50 Prairie, 150 lks wide, course North.

80.00 Set sand stone, $24 \times 10 \times 3$,
marked as per instructions,
for the corner to Sec's 1, 2,
35 & 36.

K

30 Chains
BOOK 1943

Surface broken, covered with cedar and Pinon, 3rd rate, Soil 2nd rate.

West on South Boundary of Sec. 35.

Var. 14° 54' East.

- 19.00 Trail, bears N.E. and S.W.
- L. 40.00 Set sand stone, 14 x 12 x 6, for 1/4 Sec, corner, as per instructions.
- K 80.00 Set sand stone, 18 x 12 x 6, marked as per instructions, for the corner to sec's 2, 3, 24 & 35.

Surface rolling. Scattering Cedar and Pinon, 3rd rate. Soil 2nd rate.

West on South Boundary of Sec. 34.

Var. 14° 54' E.

- L 40.00 Set sand stone, 14 x 12 x 8, for 1/4 Sec, cor, as per instructions.
- 57.00 Leave scattering cedar and Pinon, 3rd rate and enter valley, bears N & S.

- G 80.00 Deposited marked stone set charred post, marked, built mound and dug pits as per instructions, for the corner to Sec's 3, 4, 33 and 34.

Surface rolling. 1st 3/4 covered with scattering Cedar and Pinon, 3rd rate, the balance being prairie. Soil 3rd rate.

West on South Boundary of Sec. 33.

Var. 14° 54' E.

- 21.00 Trail bears N & South.

Chains:

BOOK 1943

31

- 40.00 Set sand stone, 16x10x6. 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. 2, 4, 33 and 34.
- Surface level, Prairie.
Soil 1st rate.

West on South Boundary of Sec 22.

Var. 142 47' E.

- 19.00 "Rio Puerco" course north.
 - 24.00 Leave same, low banks, sandy bed and very little water.
 - 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. cor. as per instructions.
 - 80.00 Set sand stone, 12x12x4, marked as per instructions for the corner to Secs 5, 6, 31 and 32.
- Surface level, prairie.
Soil 1st rate.

West on South Boundary of Sec. 31.

Var. 142 43' East.

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner as per instructions.
 - 73.50 Foot of bluff, bears N & South.
 - 79.70 corner to Townships 2 & 4 North, Ranges 10 & 11 West.
- Surface broken, Prairie.
Soil 2nd rate.

General Description.

This Township is mostly prairie and gently rolling. Soil 2nd 1st and 3rd rate. Well adapted to cultivation and grazing.

32 Chains

BOOK 1943

From corner to Townships 2^d and 4th North. Ranges 10 + 11 west on true line. South Boundary of Sec. 36.

Var. 14° 45' East.

290 Top of Bluff. bears $\text{cr} + \text{South}$
40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. Corner as per instructions.

9 80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to Sec's 1, 2, 25 + 26. Surface level. Prairie. Soil 2nd rate.

West on South Boundary of ^{Fractional} Sec. 25. Var. 14° 45' East.

29.90 Intersect West Boundary of Navajo Reservation, at 18th mile corner. Used said corner as corner to Fractional Sec's 2 + 25. Surface gently rolling. Prairie. Soil 2nd rate.

General Description.

This fractional Township is wholly prairie, gently rolling. Soil 2nd and 1st rate. It is well adapted to farming, ^{as well} as to grazing purposes.

Measuring chain compared with standard and found correct.

From corner to Townships 2^d and 4th North. Ranges 10 + 11 west. North on East Boundary of Sec 36.

Var. 15° 35' East.

40.00 Set sand stone. 16 X 14 X 8.

Chains.

BOOK 1943

33

for 7 Sec, corner, as per instructions.

80.00 Set sand stone, 24 x 16 x 5, marked
as per instructions, for the corner
to Sections 20, 30, 31 and 36.

Surface broken, Prairie.
Soil 3/4 rate.

North on East Boundary of Sec. 20.

Var. 15° 35' East.

15.00 Ravine, 150 lks wide, course East.

40.00 Set sand stone, 16 x 13 x 6, for 7
Sec, corner, as per instructions.

58.00 Leave bluff, bears N.W. & S.E.

80.00 Set sand stone, 18 x 15 x 9, marked
as per instructions, for the corner
to Secs 19, 24, 25 and 30.

Surface broken, Prairie.
Soil 3/4 rate.

North on East Boundary of
Sec. 24.

Var. 15° 35' East.

21.00 Ravine, course N.E.

32.00 Leave same.

40.00 Set sand stone, 15 x 12 x 4, for 7
Sec, corner, as per instructions.

80.00 Set sand stone, 14 x 12 x 3,
marked as per instructions,
for the corner to Secs 13, 18, 19
and 24.

Surface broken, Prairie.
Soil 3/4 rate.

North on East Boundary of
Sec. 13.

Var. 15° 35' East.

2.00 Ravine, 150 lks wide, course N.E.

40.00 Set charred post and built
mound, for 7 sec cor. as per

Field notes of the Exterior Lines of Township No. 4
 38 North, Range No 10 West of the Meraja Special Meridian

34
 BOOK 1943
 Chains

instructions.
 57.00 Ravine, course N. East.
 60.00 Leave same.
 80.00 Deposited marked stone, set charred
 post, marked, built mound and
 dug pits as per instructions, for
 the corner to Sections 7, 12, 13 & 18.
 Surface rolling, Prairie.
 Soil 2nd rate.

North on East Boundary of Sec. 12.
 Var. 15^o - 35' East.

40.00 Set charred post and built mound
 for 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 & 12.
 Surface rolling, Prairie.
 Soil 2nd rate.

North on the East Boundary of
 Sec. 1.

Var. 15^o - 25' East.

40.00 Set charred post and built
 mound, for 4 Sec. corner.
 80.00 Set sand stone, 16 x 14 x 6, marked
 as per instructions for the
 corner to Townships 4 and 5
 North, Ranges 10 & 11 West.
 Surface rolling, Prairie.
 Soil 2nd rate.

September 14th 1869.

East on Random between Town-
 ships 4 and 5 North, Range
 10 West, setting temporary
 half mile and mile corners,
 at every 40 & 80 chains

Chains

BOOK 39 35
1943

Var. from 150° to $150^{\circ} 20'$ East.
At 479.96 chains, intersect Range
line 50 links north of corner to
Townships 4 + 5, North, Ranges 9 + 10
West. Therefore the correction
will be $8\frac{1}{2}$ lks South and 4 lks
West per mile.

Then west on true line, South
Boundary of Sec. 26.

Var. $14^{\circ} 56'$ East

22.50 Enter Canon, course North West,
40.00 Place for corner on side of canon.

Impracticable to establish same.

40.20 Leave same, 250 feet deep. Set
sand stone, $20 \times 12 \times 4$, 20 lks West
of place for true corner, for
witness corner to $\frac{1}{4}$ Sec. Cor.
80.00 marked surface rock as per
instructions, at place for the
corner to sec's, 1, 2, 25 and 26.

Surface broken, covered
with scattering Pinon and cedar,
3rd rate. Soil 2nd rate.

West on South Boundary of Sec.
25.

Var. $13^{\circ} 06'$ E.

40.00 Set sand stone, $24 \times 16 \times 4$, for
 $\frac{1}{4}$ Sec. corner, as per instructions.

80.00 Set sand stone, $16 \times 14 \times 3$, marked
as per instructions, for the cor-
ner to sec's 2, 3, 24 + 25.

Surface rolling. Scattering
Pinon and cedar, 3rd rate.

Soil 2nd rate.

West on South Boundary of Sec. 24.

Var. $15^{\circ} 06'$ East.

17.00 Leave scattering cedar and
Pinon, 3rd rate, and enter valley
bears North and South.

36 Chains
 41.10 Set charred post and built mound
 N for 4 section cor. as per instructions
 80.00 Deposited marked stone, set charred
 9 post, marked, built mound and
 dug pits as per instructions for
 the corner to sections 2, 4, 33 + 34.
 Surface gently rolling.
 Prairie. Soil 2nd rate

BOOK 1943

Weston South Boundary of Sec.
 23

Var. 15° 10' East.

40.00 Set charred post and built mound,
 N for 4 Sec. corner as per instructions.
 40.50 Ravine, 50 lks wide, course N.W.
 80.00 Deposited marked stone, set
 9 charred post, marked, built
 mound and dug pits as per
 instructions for the corner to
 sections 4, 5, 32 and 33.
 Surface level. Prairie.
 Soil 1st rate

Weston South Boundary of
 Sec. 22.

Var. 15° 15' East.

40.00 Set charred post and built
 N mound for 4 Sec. corner
 as per instructions.
 46.00 "Rio Puerco" course north.
 48.50 Leave same. Low Banks, sandy
 bed and very little water.
 80.00 Deposited marked stone, set
 9 charred post, marked, built
 mound and dug pits as per
 instructions for the corner to
 Sec's 5, 6, 31 and 32.
 Surface level. Prairie.
 Soil 1st rate.

Chains

BOOK 1943

37

West on South Boundary of Sec 31,
Var. 15° East

40.00 Set sand stone, 16 X 12 X 10, for $\frac{1}{4}$ Sec corner as per instructions.

79.96 Corner to Townships 4 and 5 North, Ranges 10 and 11 West NW Surface level. Prairie Soil 1st rate.

General Description.
This Township mostly prairie valley, with soil 1st, 2nd and 3rd rate. "Rio Puerco" passes in an almost due north course, through the Township. The valley is well adapted to farming purposes and the uplands to grazing.

From corner to Townships 4 and 5 North, Ranges 10 & 11 West, West on true line.

South Boundary of Sec. 36.
Var. 15° East

40.00 Set sand stone, 16 X 10 X 8, for $\frac{1}{4}$ Sec corner as per instructions.

77.00 Leave valley and ascend Bluff 400 feet high. Bears NW. & S.E.

80.00 Set sand stone, 16 X 12 X 10, marked as per instructions, for the corner to Sec's 1 & 36, and fractional Sec's 2 & 35.

Surface Rolling and broken. Prairie. Soil 2nd and 3rd rate.

West on South Boundary of Trae, Sec. 35.
Var. 15° East

BOOK 1943

Chains

12.00 Top of Bluff
 29.60 Intersect West Boundary of
 the Navajo Reservation 3 lks W.
 of the 24th mile corner.
 Used said ^{for corner} fractional
 Sections 2 and 35.

Surface except bluff, level.
 Prairie. Soil 2^d rate.

General Description.

This fractional Township is
 all prairie, soil generally 2nd rate
 well adapted to grazing purposes.

Field Notes of Extern Lines of Township No. 3 N. R. 10 W.
 From corner to Townships 4 and 5
 North, Ranges 10 + 11 West, North
 on East Boundary of Sec. 36,
 Var. 14th 45' East

32.00 Ravine 15 lks wide, course East.

40.00 Set granite, 14 x 8 x 6, for $\frac{1}{4}$ Sec. cor.
 as per instructions.

80.00 Set granite 14 x 12 x 6, marked as per
 instructions, for the corner to
 Sections 25, 30, 31 + 36.

Surface rolling, Prairie.
 Soil 2^d rate.

North on East Boundary of Sec. 25,
 Var. 14th 45' East

37.25 Ravine, 20 lks wide, course 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
 Sec's 19, 24, 25 and 30.

Surface rolling, Prairie.
 Soil 1st rate.

Chains

North on East Boundary of Sec. 24.

Var. 14th 45' East.

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

44.50 Enter bottom, bears East & West.

61.25 Dry bed of Creek, 15 lks wide, course E.

80.00 Set granite 12x10x8, marked as per instructions, for the corner to Secs 12, 18, 19 & 24. K

Surface level, Prairie.

Soil 1st rate.

North on East Boundary of Sec. 13.

Var. 13th East.

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

80.00 Set sand stone, 18x14x4, marked as per instructions for the corner to Sections 7, 12, 13 & 18. K

Surface rolling, Prairie.

Soil 1st rate.

North on East Boundary of Sec. 12.

Var. 15th East.

27.00 Dry bed of Creek, 10 lks wide, course East.

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

80.00 Set granite 14x10x8, marked as per instructions, for the cor. to Sections 1, 6, 7 and 12. K

Surface rolling, Prairie.

Soil 1st rate

North on East Boundary of Sec. 1.

40

Chains

Var. 15⁺ 8 ash

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

81.65 Intersect First Standard Parallel, 24.00 Chs. East of Standard Corner, and deposited marked stone, set charred post, marked on the South "C. C." built mound and dug pits for the closing corner.

Surface rolling. Prairie.
Soil 2nd rate.

General Description.

This Township is generally gently rolling, mostly prairie, there being but a little timber in the Town. The Rio Puerco and Rio Delchille flow through the Town.

Soil generally first rate, a small portion being 2nd and 3rd rate land. It is well adapted to farming and grazing purposes.

From corner to Township 6 North; Ranges 9 and 10 West, North on East Boundary of Sec. 26.

Var. 15^e 20' East.

40.00 Set sand stone, 18 x 12 x 3, for $\frac{1}{4}$ Sec. Cor. as per instructions

80.00 Set sand stone, 24 x 10 x 3, marked as per instructions, for the corner to sections 25, 30, 31 and 36.

Surface rolling. Prairie.
Soil 2nd rate.

Chains

North on East Boundary of Sec.
25. Var. $15^{\circ} 20' E$,

- 18.00 Cañon, Course West,
- 20.50 Leave Same.
- 40.00 Set sand stone, $18 \times 10 \times 8$, for $\frac{1}{4}$
Sec, Cor, as per instructions.
- 78.50 Cañon, course SW. 3.50 Ch. wide.
- 80.00 Set sand stone, $30 \times 24 \times 10$, marked
as per instructions, for the
corner to Sections 19, 24, 25
and 30.

Surface broken. Prairie.
Soil 2^d rate.

North on East Boundary of
Sec. 24.

Var. $15^{\circ} 20' East$

- 40.00 Marked Surface Rock, for $\frac{1}{4}$ Sec
corner, as per instructions,
- 80.00 Set sand stone, $24 \times 18 \times 6$,
marked as per instructions,
for the corner to Sec's 13, 18
19 and 24.

Surface broken. Prairie.
Soil 2^d rate.

North on East Boundary of Sec.
12.

Var. $15^{\circ} 20' East$

- 10.00 Cañon, course West,
- 11.50 Leave Same.
- 40.00 Set sand stone, $14 \times 10 \times 8$, for $\frac{1}{4}$
Sec, corner, as per instructions.
- 80.00 Marked surface rock at
place for corner, for the
corner to Sec's. 7, 12, 13 & 18.

Surface rolling. Prairie.
Soil 2^d rate.

12
BOOK 1943
Chains

North on East Boundary of Sec 12,
Var. 15° 10' East,

40.00 Set charred post and built mound
for 1/4 Sec. cor. as per instructions.

80.00 Set sand stone, 20 X 12 X 3, marked as
per instructions for the corner to
Sections 1, 6, 7 and 12.

Surface rolling, Prairie.
Soil 2 1/4 rate.

North on East Boundary of Sec 1,
Var. 15° 10' East.

20.00 Canon, course west, 350 feet deep.

30.00 Leave same, sloping sides.

40.00 Marked surface rock for 1/4 Sec.
corner, as per instructions.

80.00 Set sand stone, 28 X 18 X 4, marked
as per instructions, for the corner
to Townships 6 and 7 North,
Ranges 9 & 10 West.

Surface broken, Prairie.
Soil 2 1/4 rate.

East on Random between Town-
ships 6 and 7 North, Range 9
West, setting temporary ^{half} mile
and mile corners, at every 40
and 80 chains.

Var. from 15° to 15° 10' East.

At 482.00 chains, intersect
Range line 1.35 chains North of
corner to Townships 6 & 7 North
Range 9 West.

Therefore the correction will be
2.05 chains East and 2 1/2 lks South
per mile. Then West on true line.

South Boundary of Sec 36.

Var. 14° 50' East.

40.00 Set sand stone, 14 X 12 X 3, for 1/4
Sec. cor. as per instructions.

Chaus

80.00 Set sand stone, 20 x 15 x 3, marked
as per instructions, for the corner
to Sections 1, 2, 35 and 36.

Surface rolling, Prairie.
Soil 2nd rate.

Weston South Boundary of Sec. 35.

Var. 14th 50' East.

40.00 Set sand stone, 15 x 14 x 3, for $\frac{1}{4}$
sec. cor. as per instructions.

80.00 Set sand stone, 14 x 12 x 4, marked
as per instructions, for the corner
to Secs. 2, 3, 34 and 35.

Surface rolling, Prairie.
Soil 2nd rate.

Weston South Boundary of Sec. 34.

Var. 14th 50' East.

40.00 Set sand stone 12 x 10 x 6, for $\frac{1}{4}$
sec. cor. as per instructions.

80.00 Set sand stone, 14 x 12 x 3, marked
as per instructions for the corner
to Sections 2, 4, 33 and 34.

Surface gently rolling, Prairie.
Soil 1st rate.

Weston South Boundary of Sec. 33.

Var. 15th East.

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

72.00 Enter Scattering Pinon and cedar,
3rd rate, bears NW and S.E.

80.00 Set sand stone, 18 x 10 x 6, marked
as per instructions, for the
corner to Secs 4, 5, 32 and
33.

Surface gently rolling, mostly
prairie, Soil 1st rate.

BOOK 1943

Weston South Boundary of Sec. 32,

Var. 15° 01' East.

40.00 Set charred post and built mound for 1/4 Sec. corner as per instructions

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, for the corner to Secs 5, 6, 31 and 32, Surface rolling. Scattering Cedar and Pinon, 3/4 rate. Soil 2/4 rate.

Weston South Boundary of Sec. 31.

Var. 15° 01' East.

40.00 Set sand stone, 16 x 12 x 5, for 1/4 Sec. corner, as per instructions,

82.05 Corner to Townships 6 & 7 North Ranges 9 and 10 West. Surface rolling. Scattering Cedar and Pinon, 3/4 rate. Soil 2/4 rate.

General Description.

This Township is about half prairie, the balance being covered with scattering Cedar and Pinon, 3/4 rate. Soil 2/4 1/4 and 3/4 rate. It is well adapted to grazing purposes.

October, 19. 1869.

Measuring chain compared with Standard and found correct. From Corner to Townships 6 and 7 North, Ranges 9 & 10 West, north on East Boundary of Sec. 36.

Var 14° 45' East

40.00 Set sand stone, 18 x 14 x 6, for 1/4 Sec. corner, as per instructions.

Chains

BOOK 1948

- 41.50 Canon, course S.W.
46.50 Leave Same.
80.00 Set sand stone, 18 x 12 x 4, marked
as per instructions, for the corner
to Secs 25, 30, 31, and 36.
Surface broken. Scattering
cedar and Pinon, 3⁴/₄ rate.
Soil 3⁴/₄ rate.
-

North on East Boundary of Sec. 20,
Var. 14° 45' East.

- 20.00 Ravine, course NW 100 lks wide.
40.00 Set charred post and built mound
for $\frac{1}{2}$ Secs corner as per instructions.
80.00 Set sand stone 24 x 9 x 4, marked
as per instructions, for the corner
to Secs 19, 24, 25 and 30.
Surface rolling. Scattering
Cedar and Pinon, 3⁴/₄ rate.
Soil 2⁴/₄ rate.
-

North on East Boundary of Sec. 24,
Var. 15° East

- 40.00 Set sand stone, 14 x 12 x 3, for $\frac{1}{2}$ Secs
corner, as per instructions.
80.00 Set sand stone, 18 x 16 x 3, marked
as per instructions, for the corner
to Secs 13, 18, 19 and 24.
Surface rolling. Scattering
Cedar and Pinon, 3⁴/₄ rate.
Soil 2⁴/₄ rate
-

North on East Boundary of Sec. 13,
Var. 15° East

- 18.20 Small canon, 60 lks wide, course West.
39.50 Leave Pinon and Cedar Timber, 3⁴/₄ rate,
bear East West.
40.00 Set sand stone, 24 x 16 x 2, for $\frac{1}{2}$
Secs corner, as per instructions.

46

Chains

80.00

BOOK

1943

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 rolling. 1st half covered with scattering Cedar and Pinon, 3rd rate; The last half prairie. Soil 2nd rate.

North on East Boundary of Sec. 12
Var. 15° 05' E.

40.00 Marked surface rock, at place for $\frac{1}{4}$ Sec. corner, as per instructions.

41.50 Canon, 75 lks wide, course west,

80.00 Set sand stone, 14 x 12 x 8, marked as per instructions for the corner to sections 1, 6, 7 and 12.

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 1.
Var. 15° 05' East.

40.00 Set sand stone, 24 x 18 x 2, for $\frac{1}{4}$ Sec. corner as per instructions.

80.00 Set sand stone, 36 x 8 x 4, marked as per instructions, for the corner to Townships 7 and 8 north, Ranges 9 and 10 west.

Surface rolling. Prairie. Soil 2nd rate.

East on Random between Townships 7 and 8 north, Range 9 west, setting temporary half mile and mile corners at every 40 and 80 chains.

Var from 15° 10' to 15° 30' East.

A 478 chains and 80 lks. intersect First Guide Meridian, 1.83 chs. South of corner to Townships 7 and 8 north, Ranges 8 & 9

Chains

West. The correction, ^{therefore} will be 30 3/4 lks North and 1.20 lks west per mile.

Then West on true line.

South Boundary of Sec. 36.

Var. 15° 43' E.

40.00 Set sand stone, 16 x 14 x 4, for 1/4 sec. corner, as per instructions.

80.00 Set sand stone, 14 x 12 x 4, marked as per instructions, for the corner to secs 1, 2, 35 and 36.

Surface rolling. Prairie.

Soil 2^{1/4} rate.

West on South Boundary of Sec. 35

Var. 15° 43' E.

10.60 Prairie 50 lks wide, course N.W.

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

76.60 Enter canon, course N.W. N.

80.00 Set sand stone, 18 x 12 x 3, marked as per instructions for the corner to Secs 2, 3, 34 and 35.

Surface rolling. Prairie.

Soil 2^{1/4} rate.

West on South Boundary of Sec. 24.

Var. 15° 28' E.

7.80 Leave canon, 150 feet deep, course N.W.

17.80 Canon, course North.

20.00 Leave same, 150 feet deep, sides of sand stone formation, course North.

40.00 Set Charred post and built mound for 1/4 sec. corner, as per instructions.

80.00 Set sand stone, 14 x 12 x 3, marked as per instructions, for the corner to secs. 3, 4.

BOOK 1943

23 and 24.

Surface rolling, Prairie.
Soil 2^d rate.

West on South Boundary of
Sec. 23.

Var. 15° 24' East.

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

80.00 Set sand stone, 20 x 16 x 5,
marked as per instructions,
for the corner to sections 4, 5,
22 and 23.

Surface rolling, Prairie.

Soil 2^d rate

West on South Boundary of
Sec. 22.

Var. 15° 23' East.

40.00 Set sand stone, 14 x 12 x 3, for
 $\frac{1}{4}$ Sec. corner, as per instructions

80.00 Set sand stone, 22 x 10 x 5, marked
as per instructions, for the
corner to sections 5, 6, 21 and
22.

Surface rolling,
Prairie.

Soil 1st rate.

West on South Boundary of
Sec. 21.

Var. 15° 23' East.

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

78.80 Corner to Townships 2 and 8
North. Ranges 9 and 10 West
Surface rolling, Prairie.
Soil 1st rate.

Chains

BOOK 1943

General Description.

This Township is mostly prairie
Soil 2^d, 1st, and 3rd rate.

Well adapted to farming and
grazing purposes.

Measuring Chain compared
with Standard and found cor-
rect. October 20th 1869.

From Corner to Townships 7 and
8 North. Ranges 9 and 10 West.

North on East Boundary of Sec 26.

Var. 15° 10' E.

32.00 Dry bed of creek, 100. lks wide, course west.

40.00 Set sand stone, 14 X 12 X 3, for $\frac{1}{4}$
Sec, cor. as per instructions.

80.00 Set sand stone, 16 X 12 X 3, marked
as per instructions for the
corner to Sections 25, 30, 31
and 36.

Surface rolling. Prairie.
Soil 2^d rate.

North on East Boundary of
Sec. 25

Var. 15° 45' East.

40.00 marked surface rock, at place
for corner, for $\frac{1}{4}$ Sec, corner
as per instructions.

49.00 Ravine, 120 lks wide, course west.

80.00 Set sand stone, 14 X 14 X 3,
marked as per instructions,
for the corner to Sections
19, 24, 25 and 30.

Surface rolling.
Prairie. Soil 2^d rate.

50 chains

BOOK 1943

North between Sections 19 and 24.

Var. 15° East.

40.00 Set charred post and built mound
for $\frac{1}{4}$ Sec. Cor. as per instructions57.00 Dry bed of Creek, 70 lks wide, course
South west.80.00 Set sand stone 16 X 12 X 3. marked
as per instructions for the
corner to Secs 13, 18, 19 + 24.
Surface rolling. Prairie.
Soil 2^d rate.North on East Boundary of
Sec. 13.

Var. 15° East.

40.00 Set sand stone, 20 X 16 X 6. for $\frac{1}{4}$ Sec.
corner, as per instructions.80.00 Set sand stone, 16 X 12 X 4, marked
as per instructions, for the
corner to Sec's 7, 12, 13 + 18.Surface broken. Prairie.
Soil 3^d rate.North on East Boundary of
Sec. 12.

Var. 15° East.

40.00 Set sand stone, 14 X 8 X 6. for
 $\frac{1}{4}$ Sec. corner, as per instructions.80.00 Set sand stone, 14 X 12 X 7. marked
as per instructions, for the
corner to Sections 1, 6, 7 + 12.Surface broken. Prairie.
Soil 3^d rate.North on East Boundary of
Sec. 1.

Var. 15° East.

40.00 Set sand stone, 16 X 12 X 3,
marked as per instructions

Chains

BOOK 1943

80.00 Set sand stone, 24 x 12 x 2, marked as per instructions, for the Corner to Townships 8 and 9 North, Range 9 and 10 West, Surface broken, Prairie. Soil 2^d rate.

East on Random between Townships 8 and 9 North, Range 9 West, setting temporary half mile and mile corners at every 40 and 80 Chs. Var. from 15° to 15° 20' East.

At 478.40 chains intersect First Guide Meridian, 180 chains North of corner to Townships 8 and 9 North, Ranges 8 & 9 West. Therefore the correction will be 21³/₈ Chs South and 1.60 — west per mile.

Then west on true line South Boundary of Sec. 36. Var. 15° 21' East.

40.00 Set sand stone, 14 x 12 x 4, for 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. 1, 2, 35 and 36. Surface rolling, Prairie. Soil 2^d rate.

West on South Boundary of Sec. 35. Var. 15° 21' East.

40.00 Set sand stone, 15 x 12 x 3, for 4 Sec. corner, as per instructions.
 80.00 Set sand stone, 14 x 12 x 3, marked as per instructions, for the

Field notes of the Exterior Lines of Township No.

56

chains

BOOK 1943

corner to Sections 23, 24
and 25.

Surface rolling. Prairie.
Soil 2 $\frac{1}{2}$ rate.

Weston South Boundary of Sec.
24. Var. 15 $\frac{1}{2}$ 21 East

40.00 Set sand stone, 16 x 12 x 5, for
Sec. corner, as per instructions.

80.00 Set sand stone, 16 x 12 x 5, marked
as per instructions for the corner to
Sections 2, 4, 23 and 24.

Surface rolling. Prairie.
Soil 2 $\frac{1}{2}$ rate

Weston South Boundary of
Sec. 22.

Var. 15 $\frac{1}{2}$ 01 East

40.00 Set sand stone, 16 x 12 x 3, for Sec.
cor, as per instructions.

80.00 Set sand stone, 20 x 10 x 3, marked
as per instructions for the cor-
ner to Secs 4, 5, 22 and 23.

Surface rolling. Prairie.
Soil 2 $\frac{1}{2}$ rate.

Weston South Boundary of
Sec. 22.

Var. 14 $\frac{1}{2}$ 51 East

40.00 Set sand stone, 15 x 12 x 2, for Sec.
corner, as per instructions.

66.20 Creek, clear water, about 15 lks
wide, course N.W.

76.30 Same creek, course S.W.

80.00 Set sand stone, 15 x 12 x 3, marked
as per instructions, for the
corner to Sections 5, 6, 31
and 32.

Surface rolling. Prairie

Chains

Soil 2nd rate.

BOOK 1943

West on South Boundary of Sec.
31.

- 7.50 Creek, 18 lks wide, clear water
and gentle current, course NW.
40.00 Set sand stone, 15x14x3, for
Sec, corner, as per instructions.
78.40 Corner to Townships 8 and 9
North, Ranges 9 and 10 West,
Surface rolling. Prairie.
Soil 2nd rate.

General Description.

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

Measuring Chain compared
with standard and found
correct.

October, 21st 1869.

From corner to Townships 8
and 9 North, Ranges 9 and 10
West, North on East Bound-
ary of Section 36.

- 40.00 Set sand stone, 15x12x3, for
Sec, corner, as per in-
structions.
80.00 Deposited marked stone, set
charred post, marked, built
mound and dug pits, as per
instructions for the Cor.
to Secs 25, 30, 31 & 36.
Surface rolling. Prairie. Soil 2nd & 3rd rate.

54 Chains

BOOK 1943

North on East Boundary of Sec. 20.
Var. $15^{\circ} 20'$ East.

40.00 Set charred post and built mound 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 Sections 19, 24, 25 and 20.

Surface rolling, Prairie.
Soil $2\frac{1}{2}$ rate.

North on East Boundary of Sec. 24.

Var. $15^{\circ} 20'$ East.

40.00 Set sand stone, $14 \times 10 \times 4$ 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 Sec's 12, 18, 19 & 24.

Surface rolling, Prairie.
Soil $2\frac{1}{2}$ rate.

North on East Boundary of Sec. 12.

Var. $15^{\circ} 20'$ East.

2.00 Dry creek, 80 lks wide, course NW.

40.00 Set sand stone, $14 \times 10 \times 6$, 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 Sections 7, 12, 13 & 18.

Surface level, Prairie.
Soil $1\frac{1}{2}$ rate.

North on East Boundary of Sec. 12.

Var. $15^{\circ} 20'$ East.

Chains

BOOK 1943

- 40.00 Set sand stone, 14x12x3, for $\frac{1}{4}$ Sec. corner, as per instructions.
- 80.00 Set sand stone, 15x12x3, marked as per instructions, for the corner to Sections 1, 6, 7 & 12. Surface rolling. Prairie. Soil $\frac{1}{4}$ rate.

North on East Boundary of Sec. 1.

Var. $15^{\circ} 20'$ East.

- 22.00 Dry bed of creek, course west.
- 22.00 Same, low banks and very sandy bed.
- 40.00 Set charred post and built mound, for $\frac{1}{4}$ Sec. corner, as per instructions.
- 50.75 Dry bed of creek, 100 lks wide, course west.
- 80.00 Set sand stone, 16x14x12, marked as per instructions, for the corner to Townships 9 and 10 North, Ranges 9 and 10 West. Surface rolling. Prairie. Soil $\frac{1}{4}$ rate.

East on Random between Townships 9 and 10 North, Range 9 West, setting temporary half mile and mile corners, at every 40 and 80 chains. Var. from $15^{\circ} 30'$ to $15^{\circ} 45'$ East. At 477, 40 chains, intersect First Guide Meridian 2.15 chains South of corner to Townships 9 and 10 North, Ranges 8 and 9 West. Therefore the correction will be 2.60 chs West and 36 lks South per mile. Then West on South Boundary of Sec. 26

56
BOOK 1943

Chains
40.00 Set sand stone, 14x12x4. for $\frac{1}{2}$ Sec, corner, as per instructions. Var. 15 $^{\circ}$ 45 East.
71.20 Ravine, 150 lks wide, course SW.
80.00 Set sand stone, 12x10x9. marked as per instructions, for the corner to Sections 1, 2, 25 and 26.
Surface rolling. Prairie.
Soil 2 $^{\text{nd}}$ rate.

Weston South Boundary of Sec. 25.

40.00 Set sand stone, 14x14x3. for $\frac{1}{2}$ Sec, corner, as per instructions. Var. 16 $^{\circ}$ East.
52.50 Dry Creek, 75 lks wide, course SW.
50.00 Set sand stone, 16x12x4. marked as per instructions for the corner to Sec's 2, 3, 29 & 31.
Surface rolling. Prairie.
Soil 2 $^{\text{nd}}$ rate.

Weston South Boundary of Sec. 24.

40.00 Set sand stone, 14x12x3. for $\frac{1}{2}$ Sec, corner, as per instructions. Var. 15 $^{\circ}$ 45 East.
80.00 Set sand stone, 12x10x6. marked as per instructions for the corner to Sections 2, 4, 23 and 24.
Surface rolling. Prairie.
Soil 2 $^{\text{nd}}$ rate.

Weston South Boundary of Sec. 22.

24.50 Ravine, 60 lks wide, course SW. Var. 16 $^{\circ}$ East.
40.00 Set sand stone, 16x12x4. for $\frac{1}{2}$ Sec, corner, as per instructions.

Chains

BOOK 1943

80.00 Set sand stone, 16 X 12 X 9, marked as per instructions for the corner to Sections 4, 5, 22 and 23.

Surface rolling. Prairie.
Soil 2^d rate.

West on South Boundary of Sec 22,
Var. 16^e East,

40.00 Set sand stone 16 X 12 X 3. for $\frac{1}{4}$ Sec corner, as per instructions.

80.00 Set sand stone 18 X 14 X 8. marked as per instructions, for the corner to Sections 5, 6, 21 and 22.

Surface broken. Prairie.
Soil 3^d rate.

West on South Boundary of Sec 31,
Var. 16^e East,

40.00 Set sand stone, 18 X 12 X 6. for $\frac{1}{4}$ Sec. corner, as per instructions.

77.40 Corner to Townships 9 and 10 North, Ranges 9 and 10 West.
Surface broken. Prairie.
Soil 3^d rate.

General Description.

This Township is mostly prairie, generally rolling.

Soil 2^d, 3^d and 4th rate

Well adapted to grazing purposes.

Measuring chain compared with standard and found correct.

October, 22^d 1869.

Chains

58

BOOK 1943

From corner to Townships 9 and 10 North, Ranges 9 and 10 West, North on East Boundary of Sec. 26.

Var, 15° East,

40.00 Set sand stone, 16 x 12 x 5, for Sec. corner, as per instructions.

80.00 Set sand stone, 18 x 18 x 14, marked as per instructions, for the corner to secs 25, 30, 31 and 36.

Surface broken. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 25.

Var, 15° East,

17.75 Prairie, 70 ft wide, course West.

40.00 Set charred post and built mound for Sec. corner, as per instructions.

30.00 Deposited marked stone, set charred post, marked, built mound and dug ^{as per instructions} pits, for the corner to Secs 19, 24, 25 & 30.

Surface broken. Prairie
Soil 3rd rate.

North on East Boundary of Sec. 24.

Var, 15° East,

40.00 Set charred post and built mound for Sec. corner, as per instructions.

76.50 Hard stone bluff 450 feet high. Impossible to project line over same.

50.00 Place for corner on top of bluff. Impossible to set line same. Set witness corner, sand stone, 16 x 12 x 9

Chains

at foot of bluff. Then offset west 13 chains, thence north 17 chains and 50 links, or at high point of pit back to line at north point of bluff, on East Boundary of Sec. 13.

Surface except bluff, rolling. Prairie. Soil 1st rate.

North on East Boundary of Sec. 13 1/4 mi. 15th East.

- 14.00 Tie leaves bluff. bears down S.E.
- 40.00 Set charred post and built mound for 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 Sections 1, 12, 13 and 15.

Surface rolling. Prairie. Soil 2nd rate.

North on East Boundary of Sec. 12 1/4 mi. 15th East.

- 40.00 Set charred post, marked, built mound 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. 1, 6, 12, 13.

Surface rolling. Prairie. Soil 2nd rate.

North on East Boundary of Sec. 1 1/4 mi. 15th East.

- 40.00 Set charred post and built mound, for 1/4 Sec. Cor. as per instructions.

BOOK 1943

Chains
5.0.75

Intersect Second Standard Parallel 16.45 chain East of corner to Township 10 North, Ranges 9 and 10 West. At this point set charred post and built mound, dug pits on the South, East and West sides, 10 lts from base of mound, for the closing corner.

Surface rolling. Prairie.
Soil 2nd rate.

General Description.

This Township is nearly all prairie, generally rolling.

Soil 2nd and 3rd rate.

Well adapted to grazing purposes.

Measuring chain compared with standard and found correct.

October 23rd 1889.

From corner to Township 6 North, Ranges 10 + 11 West, on First Standard Parallel, thence North on East Boundary of Sec. 36.

Var. 14° 45' East.

40.00 Set charred post and built mound for 4 Sec. corner as per instructions.

50.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to Sections 25, 30, 31 and 36.

Surface level. Prairie.
Soil 1st rate.

North on East Boundary of Sec. 25. Var. 14° 45' East.

Chains

40.00 Set charred post and built mound for 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 Sections 19, 24, 25 and 30.

Surface level, Prairie.
Soil 1st rate.

North on East Boundary of Sec 24,
Var. 15° East,

15.00 Dug Creek, 25 ft. wide, course N.E.

40.00 Set charred post and built mound for 4 Sec, corner, as per instructions.

77.00 Dug bed of creek, 30 ft. wide, course N.E.

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

Surface level, Prairie.
Soil 1st rate.

North on East Boundary of Sec. 13.

Var. 15° East,

40.00 Set charred post and built mound for 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 7, 12, 13 and 18.

Surface level, Prairie.
Soil 1st rate.

62 Chains

BOOK 1943

North on East Boundary of Sec. 12,
Var. 15° E.

40.00 Set charred post and built mound
for $\frac{1}{4}$ Sec. corner as per instruc-

76.50 tions.
80.00 ^{Big Creek 30 lks wide, course cr. East,}
Deposited marked stone, set

charred post, marked, built mound
and dug pits as per instructions,
for the corner to Sections 1, 6, 7 & 12.
Surface level, Prairie.
Soil 1st rate.

North on East Boundary of Sec. 1,
Var. 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 Townships 6 and 7
North, Ranges 10 and 11 West.
Surface level, Prairie
Soil 1st rate.

East on Random between Town-
ships 6 and 7 North, Range 10 West,
setting temporary half mile
and one mile corners at every 40
and 80 chains.

Var. 15° 00' East.

At 479.20 chs intersect Range
line, 58 lks South of corner
to Townships 6 and 7 North,

Ranges 9 and 10 West.

Therefore the correction will
be 9 $\frac{3}{4}$ lks north and 80 lks
West per mile. Then West
on True Line, South Boundary
of Sec 36.

Var. 15° 54' East.

Chains

BOOK

1943

63

- 36.50 Ravine, course S.W. 60 lks wide.
- 40.00 Set sand stone, 14 X 10 X 6, for $\frac{1}{2}$ Sec. Cor. as per instructions.
- 51.00 Leave scattering cedar and Pinon, $\frac{3}{4}$ rate. bears N.E. and S.W.
- 80.00 Set sand stone, 24 X 10 X 8, marked as per instructions, for the corner to Sec's 1, 2, 35 and 36.
- Surface broken. Partly covered with cedar and Pinon, $\frac{3}{4}$ rate, and partly prairie.
- Surface broken.
- Soil $\frac{3}{4}$ rate.

West on South Boundary of Sec. 30.
Var. 15⁰⁰ 04' E.

- 40.00 Set sand stone 18 X 16 X 6, for $\frac{1}{2}$ Sec. Cor. as per instructions.
- 76.00 Dry Creek, 50 lks wide, course N.W.
- 80.00 Set sand stone, 24 X 12 X 6, marked as per instructions, for the corner to Sections 2, 3, 34 and 35.
- Surface rolling. Prairie.
- Soil $\frac{2}{4}$ rate.

West on South Boundary of Sec. 34.
Var. 15⁰⁰ 04' East.

- 40.00 Set sand stone, 24 X 10 X 6, for $\frac{1}{2}$ Sec. corner as per instructions.
- 80.00 Set sand stone, 14 X 12 X 8, marked as per instructions for the corner to Sec's 3, 4, 33 and 34.
- Surface rolling. Prairie.
- Soil $\frac{2}{4}$ rate.

West on South Boundary of Sec. 33.
Var. 15⁰⁰ 04' East.

- 40.00 Set charred post and built mound for $\frac{1}{2}$ Sec. corner as per instructions.

Field notes of the Exterior Lines of Township
No. 6 North, Range No 10 west of the Prairie Special meridian.

61 Chains
80.00 Set sand stone, 18x10x10, marked
BOOK 1943 as per instructions, for the corner
to Sections 5, 4, 33 and 22.
Surface rolling. Prairie.
Soil 2^d rate

Weston South Boundary of Sec. 22
Var. 1520 1/2 E.
40.00 Set sand stone, 14x12x4, for 1/4 Sec.
corner, as per instructions.
80.00 Set sand stone, 14x8x8, marked
as per instructions, for the cor-
ner to Sec's 5, 6, 31 and 22.
Surface rolling. Prairie.
Soil 2^d rate.

Weston South Boundary of Sec 31
Var. 1520 1/2 East
32.50 "Rio De Chille" course north.
39.50 Leave same. Low Banks, sandy
bed and gentle current.
40.00 Set charred post and built mound
for 1/4 Sec, corner as per instructions.
79.20 Corner to Townships 6 and 7 North
Ranges 10 and 11 west,
Surface level. Prairie. Soil 1st rate.

General Description.

This Township is mostly prairie,
generally gently rolling. Soil 1st
2^d and 3^d rate. Well adapted
to farming and grazing purposes.
The "Rio De Chille" runs through
the western portion of the
Township, having an almost
due north course.

Measuring chain compared with
Standard and found correct. Oct. 24th 1869.

chains

BOOK 1943 65

From corner to Townships 6 and
7 North, Ranges 10 and 11 West,
North on East Boundary of Sec 26.
Var. $15^{\circ} 15'$ 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 for the
corner to Sec's 25, 30, 31 & 36.
Surface level. Prairie.
Soil 1 $\frac{1}{4}$ rate.

North on East Boundary of Sec, 25.
Var. $15^{\circ} 15'$ East.

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

49.00 Ravine 50 lks wide, course N.E.

38.00 Ravine 50 " " , course N.W.

80.00 Deposited marked stone, set
charred post, marked, built
mound and dug pits as per
instructions, for the corner to
Sections 19, 24, 25 and 30.
Surface level. Prairie.
Soil 1 $\frac{1}{4}$ rate.

North on East Boundary of Sec 24.
var. $15^{\circ} 15'$ East.

2.00 Ravine 50 lks wide, course N.E.

23.15 Ravine 70 " " " N.W.

40.00 Set sand stone $20 \times 18 \times 3$. for $\frac{1}{4}$
Sec, corner, as per instructions.

80.00 Deposited marked stone, set
charred post, marked, built mound
and dug pits for the corner
to Sections 13, 18, 19 and 24.
Surface level. Prairie.
Soil 1 $\frac{1}{4}$ rate.

66 Chains
 BOOK 1943

North on East Boundary of Sec. 13.
 Var. $15^{\circ} 30'$ East.

00.85 "Rio Delhille" 6 chains wide, course N.W.

12.00 Leave same, low banks, sandy bed and very little water.

40.00 Marked surface rock for $\frac{1}{4}$ Sec. corner as per instructions.

80.00 Set sand stone, $22 \times 15 \times 3$, marked as per instructions for the corner to Sections 1, 12, 13 and 18.
 Surface rolling, Prairie.
 Soil $2\frac{1}{4}$ rate.

North on East Boundary of Sec. 12.
 Var. $15^{\circ} 30'$ East.

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

80.00 Set sand stone, $16 \times 14 \times 6$, marked as per instructions, for the corner to Sec's 1, 6, 7 & 12.
 Surface gently rolling, Prairie.
 Soil $2\frac{1}{4}$ rate.

North on East Boundary of Sec. 1.
 Var. $15^{\circ} 30'$ E.

27.10 "Rio Delhille" course N.W.

33.00 Leave same, 4 chs wide, low banks sandy bottom and little water.

40.00 Set charred post and built mound for $\frac{1}{4}$ 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 Townships 7 and 8 north, Ranges 10 & 11 west.
 Surface level, Prairie.
 Soil $1\frac{1}{4}$ rate.

Chains

East on Random between Townships
7 and 8, North, Range 10 West
Setting temporary half mile
and mile corners at every 40
and 80 chains, Var. from 15°
East to 15° 30' East, At 478.95
chains, intersect Range line
90 lks South of corner to
Townships 7 and 8 North,
Ranges 9 and 10 West,
Therefore the correction
will be 1.05 West and 15 lks
North per mile. Then West on
True Line South Boundary of
Sec. 36.

Var. 15° 06' East.

- 40.00 Set sand stone, 16 X 12 X 3, for $\frac{1}{4}$
Sec. cor. as per instructions.
- 80.00 Set sand stone, 16 X 12 X 4, marked
as per instructions, for the
corner to Sections 1, 2, 35 & 36,
Surface rolling. Prairie.
Soil 3 $\frac{1}{4}$ rate.

West on South Boundary of Sec. 35.

Var. 15° 06' East.

- 40.00 Set sand stone, 16 X 8 X 4, for $\frac{1}{4}$
Sec. corner as per instructions
- 80.00 Set sand stone, 16 X 12 X 4, marked
as per instructions, for the
corner to Sec's 2, 3, 34 & 35.
Surface broken. Prairie.
Soil 3 $\frac{1}{4}$ rate.

West on South Boundary of
Sec. 34.

Var. 15° 06' East.

- 40.00 Set sand stone, 14 X 12 X 3, for $\frac{1}{4}$
Sec. corner, as per instructions.

68

Chains

80.00

BOOK 1943

Deposited marked stone, set charred post, marked, built mound and dug pits for the corner to Sections 3, 4, 23 and 24.

Surface broken. Prairie.
Soil 3rd rate.

West on South Boundary of Sec 33
Var. 15° 06' East.

8.00 Dry bed of creek, course N.W.

12.00 Leave same, sandy bed, low banks.

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

80.00 Set sand stone, 14 x 12 x 3, marked as per instructions for the corner to Sec's 4, 5, 32 & 33.

Surface rolling. Prairie.
Soil 2nd rate.

West on South Boundary of Sec 32.
Var. 15° 06' East.

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

80.00 Set sand stone, 20 x 18 x 3, marked as per instructions for the corner to Sections 5, 6, 31 & 32.

Surface broken. Prairie
Soil 2nd rate.

West on South Boundary of Sec 31.
Var. 15° 06' East.

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

42.00 Creek 15 lks wide, course N.W.

Water in holes and sandy bottom.

60.75 "Rio Delchilli", course North

67.75 Leave same, low banks, sandy

BOOK 1943

~~Chain~~

bottom and little water.
 78.90 Corner to Townships 7 and 8
 North, Ranges 10 & 11 West,
 Surface gently rolling. Prairie.
 Soil 1st rate.

General Description.

This Township is mostly prairie,
 generally gently rolling. Soil 1st, 2nd
 and 3rd rate.

Well adapted to farming and grazing
 purposes. The "Rio de Chille" runs
 through the western portion of
 the Township, having an almost
 due north course.

Measuring chain compared
 with standard and found correct.

From corner to Townships
 6 and 7 North, Ranges 10 & 11
 West. West on True Line,
 South Boundary of Sec. 36.
 Var. 15° East.

40.00 Set charred post and built
 mound 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 Sec's 1 and 36, and
 fractional Sections 2 and 35.
 Surface level. Prairie.
 Soil 1st rate.

West on South Boundary of
 Fractional Sec. 35.

Var. 15° East.

14.72 Intersect West Boundary of
 Navajo Reservation, 2 lks north
 of 26th mile corner.

Chains

BOOK 1943

Used said corner for the corner to fractional Secs 2 and 35. Surface level. Prairie. Soil 1st rate.

General Description. This fractional Township is all prairie, mostly level. Soil generally 1st rate. Well adapted to farming purposes. Measuring chain compared with Standard and found correct.

From corner to Townships 7 and 8 North, Ranges 10 and 11 West, West on South Boundary of Sec. 36.

Var. 15² 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 1 and 36 and fractional Sections 2 and 35. Surface level. Prairie. Soil 1st rate.

West on South Boundary of fractional Section 35.

13.80 Intersect West Boundary of the Starajo Reservation at 4 2¹/₂ mile corner. Used said cor. for the corner to frac^l Secs 2 & 35. Surface level. Prairie. Soil 1st rate.

General Description.

This fractional Township is all prairie, generally level. Soil 1st and 2nd rate. Well adapted to farming purposes. Oct. 26, 1889.

chains

From corner to Townships 7 and 8
North, Ranges 10 and 11 West, North on
East Boundary of Sec. 26.

BOOK 1948

Var. $15^{\circ} 20'$ 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 25, 30,
31 and 36.

Surface level. Prairie Soil 1 $\frac{1}{2}$ rate.

North on East Boundary of Sec. 25.

Var. $15^{\circ} 20'$ E.

- 14.50 Ravine 50 lks wide, course N.E.
- 25.00 Same Ravine course N.W.
- 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 Sections 19, 24, 25
and 30.

Surface level. Prairie Soil 1 $\frac{1}{2}$ rate.

North on East Boundary of Sec. 24.

Var. $15^{\circ} 20'$ East.

- 40.00 Set Charred post and built mound
for $\frac{1}{4}$ Sec. cor., as per instructions.
- 46.50 Ravine 70 lks wide, course N.E.
- 58.75 Same ravine, course N.W.
- 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 & 24.

Surface level, Prairie. Soil 1 $\frac{1}{2}$ rate.

North on the East Boundary of
Sec. 13.

Var. $15^{\circ} 20'$ E.

BOOK 1943
Chains

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 sec's 7, 12, 13 + 18. Surface level, Prairie. Soil 1 $\frac{1}{2}$ rate.

North on East Boundary of Sec. 12.
Var. 15 $^{\circ}$ 20' E.

40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner as per instructions.
40.50 Ravine 85 lks wide, course N.E.
80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to Sections 1, 6, 7 + 12. Surface level, Prairie. Soil 1 $\frac{1}{2}$ rate.

North on East Boundary of Section 1.

Var. 15 $^{\circ}$ 20' 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 for the corner to Townships 8 and 9 North, Ranges 10 + 11 West. Surface level, Prairie. Soil 1 $\frac{1}{2}$ rate.

East on Random between Townships 8 and 9 North, Range 10 West, setting temporary half mile and mile corners at every 40 and 80 chs. Var. from 15 $^{\circ}$ to 15 $^{\circ}$ 20' East.

Chains

BOOK 1943

At 478.85 chains intersect Range line 35 links South of corner to Townships 8 and 9 north.

Ranges 9 and 10 west, therefore the correction will be 1.15 chains west and 0.76 lks north per mile. Then west on True Line South Boundary of Sec. 36.
Var. 15° 02' East.

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

80.00 Set sand stone 14 x 12 x 9 marked as per instructions for the corner to Sections 1, 2, 35 and 36.

Surface broken. Prairie. Soil $5\frac{1}{4}$ rate.

West on South Boundary of Sec. 35.

Var. 15° 02' East.

40.00 Set sand stone 18 x 12 x 3. for $\frac{1}{4}$ Sec. corner as per instructions.

75.00 Ravine, 75 lks. course north.

80.00 Set petrified wood, 14 x 12 x 6, marked as per instructions for the corner to Sections 2, 3, 34 and 35.

Surface rolling. Prairie. Soil $2\frac{1}{4}$ rate.

West on South Boundary of Sec. 34.

Var. 15° 02' E.

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

55.50 Dry bed of creek, 20 lks wide, course SW.

80.00 Set sand stone, 14 x 10 x 8, marked as per instructions for the corner to Sections 3, 4, 33 and 34.

Surface broken. Prairie. Soil $3\frac{1}{4}$ rate.

West on South Boundary of Sec.

33.

Var. 15° 02' East.

Field Notes of the Exterior Lines of Township 148 North Range 11
 West of the 100th Special Meridian.

74
 Chains
 40.00 Set sand stone, 12x12x6, for $\frac{1}{4}$ Sec. Co.
 as per instructions.
 BOOK 1943
 80.00 Set sand stone, 20x10x6, marked as per
 instructions for the corner to sections
 4, 5, 32 and 33.
 Surface broken, Prairie. Soil 2nd rate

West on South Boundary of Sec. 32,
 Var. 132° 17' East,
 40.00 Set sand stone, 16x12x4, for $\frac{1}{4}$ Sec. Co.
 as per instructions.
 80.00 Set sand stone, 14x10x6 marked as
 per instructions for the corner to
 sections 5, 6, 21 and 32.
 Surface rolling, Prairie. Soil 2nd rate.

West on South Boundary of Sec. 33,
 Var. 130° 22' East,
 37.25 "Rio De Chille" course north,
 41.00 Set charred post and built mound
 for $\frac{1}{4}$ Sec. corner, as per instructions.
 47.50 Leave "Rio De Chille" low banks, sandy
 bed and little water.
 78.80 corner to Townships 8 and 9 North
 Ranges 10 and 11 West,
 Surface level. Prairie.
 Soil 1st rate.

General Description.
 This Township is almost all
 prairie, generally rolling and prin-
 cipally 2nd rate soil. It is well
 adapted to grazing purposes and
 some portions of it to farming.
 "Rio De Chille" runs through
 the western portion of it, having
 almost a due north course.

Chains

BOOK 75
1943

From corner to Townships 8 and
9 North, Ranges 10 and 11 West,
West on True line, South Boundary
of Sec. 36.

Var. $15^{\circ} 20'$ 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 Sections 1 and 36, and
fractional Secs 2 and 35.

Surface level. Prairie. Soil 1st rate.

West on South Boundary of fractional
Section 35.

Var. $15^{\circ} 20'$ East.

13.40 Intersect West Boundary of Navajo
Reservation 25 lks South of the 48th
mile corner.

Measuring chain compared
with Standard and found $\frac{1}{4}$ inch
long; and carefully adjusted
thereto.

October 27th 1869.

From corner to Townships 8 and
9 North, Ranges 10 and 11 West,
North on East Boundary of Sec 36.

Var. $18^{\circ} 15'$ 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 Sections 25, 30,
31 and 36.

Surface level. Prairie.
Soil 1st rate.

76

BOOK

1943

Chains

40.00

80.00

North on East Boundary of Sec. 25.
Var. 15^o 10' East.

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

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

Surface level. Prairie.
Soil 1st rate.

40.00

80.00

North on East Boundary of Sec. 24.
Var. 15^o 10' East.

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

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

Surface level. Prairie.
Soil 1st rate.

6.00

40.00

45.00

55.00

80.00

North on East Boundary of Sec. 13.
Var. 7^o 15^o 00' East.

Slough course N. 10' E.

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

Slough, course N. E.

Slough course NW.

Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions, for the corner to Sections 7, 12, 13 and 18.

Surface level. Prairie.
Soil 1st rate.

Chains.

BOOK 1943

North on East Boundary of Sec. 12,
Var. 14° 49' East.40.00 Set charred post and built mound
for $\frac{1}{4}$ Sec. corner. as per instructions.

64.00 Slough, course N.E.

69.50 Leave same.

80.00 Deposited marked stone, set charred
post, marked, built mound and
dug pits, as per instructions, for
the corner to Sec's 1, 6, 7 and 12.
Surface level, Prairie.
Soil 1st rate.North on East Boundary of Sec. 1,
Var. 15° 10' East.

22.50 Bend in "Rio de Chille" course N.W.

35.50 Leave same.

39.30 Bend in "Rio de Chille" course N.W.
Set witness $\frac{1}{4}$ Sec. corner, 70 lks
south of true corner. Sandstone
14 x 12 x 3.56.20 Leave "Rio de Chille" low banks,
sandy bed, averaging about
3.50 lks in width.
General course North.80.00 Set sand stone 18 x 12 x 6, marked
as per instructions for the corner
to Townships 9 and 10 North, Ranges
10 and 11 West.
Surface level, Prairie. Soil 1st rate.East on Random between Town-
ships 9 and 10 North, Range 10
West, setting temporary half mile
and mile corners, at every 40 and
80 chains. Var. from 15° to 15° 20' East.
At 479.90 chains intersect
Range line, 6 lks south of
corner to Townships 9 and 10
North, Ranges 9 and 10 West.

78
BOOK 1943

Chains

Therefore the correction will be
10 lks West and 1 lks North,
Then West on true line, South
Boundary of Sec. 26,
Var. $15^{\circ} 23'$ East.

- 40.00 Set charred post and built mound
for $\frac{1}{4}$ Sec. corner as per instructions.
- 80.00 Set sand stone, $12 \times 12 \times 10$, marked
as per instructions, for the corner
to Sections 1, 2, 35 and 36.
Surface rolling. Prairie.
Soil $\frac{2}{4}$ rate

West on South Boundary of Sec. 35.
Var. $15^{\circ} 23'$ East.

- 3.20 "Rio Carizza" 10 chs. wide, course NW.
- 20.20 Leave same, low banks, gravelly
bottom, clear water and rapid
current, a few cottonwood
trees along its banks.
- 40.00 Set charred post and built mound
for $\frac{1}{4}$ Sec. corner as per instructions.
- 80.00 Set sand stone, $14 \times 10 \times 4$, marked
as per instructions, for the corner
to Sec's 2, 3, 34 and 35.
Surface rolling. Prairie. Soil $\frac{2}{4}$ rate.

West on South Boundary of
Sec. 24.
Var. $15^{\circ} 23'$ 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 Sec's 3, 4, 33 & 34.
Surface rolling. Prairie.
Soil $\frac{2}{4}$ rate

Chains

BOOK 1943 29

West on South Boundary of Sec 32.

Var. $15^{\circ} 13'$ East.

- 8.00 Ravine 40 lks wide, course north.
- 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 sections 4, 5, 32 and 33.

Surface rolling. Prairie.
Soil 2 $\frac{1}{2}$ rate.

West on South Boundary of Sec 32.

Var. $15^{\circ} 13'$ East.

- 28.00 Enter Bottom, bears north and south.
- 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 sections 5, 6, 31 and 32.

Surface mostly level. Prairie.
Soil 1 $\frac{1}{2}$ rate.

West on South Boundary of

Sec. 31.

Var. $15^{\circ} 10'$ East.

- 40.00 Set Charred post and built mound for $\frac{1}{4}$ Sec, corner as per instructions.
- 59.50 Rio De Chille, course north.
- 65.00 Leave same, Banks about 6 feet high, sandy bed and very little water.
- 79.90 Corner to Townships 9 & 10 North, Ranges 10 & 11 West, Surface level. Prairie. Soil 1 $\frac{1}{2}$ rate.

Chains

80

1943

BOOK

General Description.

This Township is all prairie, generally gently rolling. Soil 1st and 2^d rate.

Well adapted to agricultural and grazing purposes.

The "Rio De' Chille" passes through the Western portion of the Town having an almost due course North.

Measuring chain compared with standard and found correct.

From corner to Townships 9 and 10 North, Ranges 10 and 11 West, West on true line South Boundary of Sec. 36.

Var. 15th East.

40.00 Set charred post and built mound for $\frac{1}{3}$ Sec. Corner as per instructions.

80.00 Set sand stone 13 x 8 x 6, marked as per instructions for the corner to Sections 1 and 36 and fractional secs 2 and 35.

Surface rolling. Prairie. Soil 2^d rate.

The perpendicular sand stone bluffs about 4 chs. west, which bear north and South, being impossible to ascend, I did not project the line any further. Said bluffs are between four and five hundred feet high.

General Description.

This fractional Township is all prairie, generally level.

Soil 1st and 2^d rate. Well adapted to farming and grazing purposes. October 28th, 1869

Chains

BOOK

1943

21

From corner to Townships 9 and 10
North, Ranges 10 and 11 West: North
on East Boundary of Sec. 36.

Var. 15° East.

40.00 Set charred post and built mound
for $\frac{3}{4}$ 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 25, 30, 31
and 36.

Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of Sec.
25.

Var. $15^{\circ} 10'$ 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 Sections 19, 24, 25 and 30.

Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of
Sec. 24.

Var. $15^{\circ} 05'$ 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 Sections 13, 18, 19 and 24.

Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

Chains

82

BOOK 1943

North on East Boundary of Sec. 13.
var. 15° East.

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

41.75 "Rio Puerco" course c.w.

55.00 Leave same, sandy bed about 4 chs, wide, little water.

80.00 Deposited marked stone, set sand stone $14 \times 12 \times 4$, marked as per instructions for the corner to Sec's 7, 12, 13 and 18.

Surface level, Prairie.
Soil 1st rate.

North on East Boundary of Sec. 12.
var. 15° East.

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

55.00 "Rio Puerco" course c.w.

61.20 Leave same, low banks, sandy bed and little water.

80.00 Deposited marked stone, set charred post, marked, built mound and dog pits as per instructions, for the corner to Sec's 1, 6, 7 & 12.

Surface level, Prairie.
Soil 1st rate.

North on East Boundary of Sec. 1.
var. 15° East.

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

80.62 Intersect Second Standard Parallel 28.50 chains East of corner to Township 11 North, Ranges 10 and 11 west.

At this point deposited marked stone, set charred post, marked "c. c." built mound and dog

chains.

pits on the South, East and West,
 10 links from base of mound, for
 the closing corner.
 Surface level, Prairie. Soil 1st rate.

BOOK 1943

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General Description.

This Township is all prairie,
 generally gently rolling.
 Soil 2nd, 3rd and 1st rate. Well
 adapted to agricultural pursuits.
 October 29th 1869.

From Corner to Township 11 North
 Ranges 9 and 10 West, North
 on East Boundary of Sec. 36.
 Var. 15th 20th E.

- 21.50 "Rio Carrissa", course West.
 24.00 Leave same, sandy bed, clear
 water and rapid current.
 40.00 Set charred post and built mound
 for $\frac{1}{4}$ Sec. corner as per instructions.
 80.00 Set sand stone, 16 x 14 x 8, marked
 as per instructions for the
 corner to Sections 25, 30, 31
 and 36.
 Surface rolling. Prairie.
 Soil 2nd rate.

North on East Boundary of Sec.
 25.

Var. 15th 20th East.

- 40.00 Set sand stone, 14 x 12 x 3 for $\frac{1}{4}$ Sec.
 corner, as per instructions.
 64.00 Sand stone bluff, bears East & West.
 80.00 Set sand stone, 18 x 9 x 6, marked
 as per instructions, for the
 corner to Sections 19, 24, 25
 and 30.
 Surface rolling. Prairie
 Soil 2nd rate.

Chains

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North on East Boundary of Sec 24.
Var. 15° 20' E.

40.00 Set sand stone, 18 x 14 x 4, for $\frac{1}{4}$ Sec, corner as per instructions.

80.00 Set sand stone, 48 x 18 x 4, marked as per instructions, for the corner to Sections 13, 18, 19 and 24.

Surface very broken. A few scattering Cedar and Pinon trees along the bluff.

Balance prairie. Soil 3rd rate.

North on East Boundary of Sec. 12.
Var. 15° 20' 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 Sections 7, 12, 13 and 18.

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 12.
Var. 15° 20' East.

32.00 Cañon, 3 chs wide, course N.W. 50 ft. deep

40.00 Set sand stone, 14 x 12 x 3, for $\frac{1}{4}$ Sec, corner, as per instructions.

61.00 Cañon 2 chs wide, course West.

80.00 Set sand stone, 18 x 12 x 6, marked as per instructions, for the corner to Secs. 1, 6, 7 & 12.

Surface broken. Prairie.
Soil 3rd rate.

North on East Boundary of Section 1.
Var. 15° 20' East.

Chains

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- 41.00 Set charred post and built mound for 4th 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 Townships 11 and 12 North, Ranges 9 and 10 West, Surface rolling, Prairie. Soil 2nd rate.
-

Easton Random between Townships 11 and 12 North, Range 9 West, setting temporary half mile and mile corners at every 40 and 80 chains. Var from 15° 20' to 15° 45' East; At 481.50 chains intersect First Guide Meridian 1.60 chains North of corner to Townships 11 and 12 North, Ranges 8 and 9 West, Therefore the correction will be 1.50 chs. East and 26²/₃ links South per mile. Then West on True Line, South Boundary of Sec. 36.

Var. 15° 30' East.

- 24.00 Canon. course North.
- 26.50 Leave same
- 40.00 Set sand stone, 16 X 12 X 6. for 3rd Sec, corner as per instructions.
- 72.50 Foot of bluff, bears North & South.
- 80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions, for the corner to Sec's 1, 2, 35 and 36. Surface broken. Prairie. Soil 3rd rate.
-

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BOOK 1943

Chains

Weston South Boundary of Sec. 26.
Var, 15^o 24' East.
40.00 Set sand stone, 24 X 16 X 3. for $\frac{1}{4}$ Sec. corner, as per instructions.
80.00 Set sand stone, 16 X 14 X 8, marked as per instructions, for the corner to Sections 2, 3, 24 and 25.
Surface rolling, Prairie.
Soil 2^d rate.

Weston South Boundary of Sec. 29.
Var, 15^o 30' East.
40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner, as per instructions.
80.00 Set sand stone, 19 X 10 X 4, marked as per instructions for the corner to Sections 3, 4, 28 & 29.
Surface rolling, Prairie.
Soil 2^d rate.

Weston South Boundary of Sec. 32.
Var, 15^o 25' E.
6.00 Canon, course over stream of running water in the same, about 20 lks wide.
14.00 Leave same.
40.00 Set sand stone, 16 X 14 X 3, for $\frac{1}{4}$ Sec. corner, as per instructions.
80.00 Set sand stone, 20 X 18 X 2, marked as per instructions for the corner to Sec's 4, 5, 32 & 33.
Surface, broken, Prairie.
Soil 2^d rate.

West on South Boundary of of Sec. 32.
Var, 15^o 20' East.
40.00 Set sand stone, 16 X 13 X 6, for $\frac{1}{4}$ Sec. corner, marked as per instructions.

Chains

- 49.00 Canon, with running stream in same course South West.
- 56.50 Leave same.
- 80.00 Set sand stone, $24 \times 12 \times 2$, marked as per instructions for the corner to Sec's 5, 6, 31 and 32.
- Surface broken, Prairie.
Soil 2^d rate.

BOOK 1943

West on South Boundary of Sec. 31. Var. $15^{\circ} 10'$ East.

- 40.00 Set sand stone, $16 \times 12 \times 3$, for $\frac{1}{4}$ Sec. corner as per instructions.
- 74.00 Canon, course SW.
- 76.00 Leave same.
- 81.50 Corner to Townships 11 and 12 North, Ranges 9 and 10 West.
- Surface broken, Prairie. Soil 3^d rate.

General Description.

This Township is mostly prairie, generally rolling. Soil 2nd 3^d, and 1st rate. Well adapted to grazing purposes and some portions to agricultural.

measuring chain compared with Standard, found an eighth of an inch long and carefully adjusted thereto.

October, 30th 1869.

From the corner to Townships 11 and 12 North, Ranges 9 and 10 West North on East Boundary of Sec. 36.

Var. $15^{\circ} 30'$ East.

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner, as per instructions.
- 80.00 Set sand stone, $20 \times 14 \times 2$.

Chains

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BOOK 1943

marked as per instructions, for
the corner to Sections 20, 30, 31 & 36.
Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of Sec. 20.
Var. 15° 30' East.
40.00 Marked surface rock 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 Sections 19, 24, 25 & 30.
Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of Sec. 24.
Var. 15° 30' 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 13, 18, 19 & 24.
Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of Sec. 13.
Var. 15° 30' East.
40.00 Set sand stone, 14 x 14 x 10 for $\frac{1}{4}$ Sec.
corner as per instructions.
80.00 Set sand stone, 30 x 18 x 4, marked
as per instructions for the corner
to Sections 7, 12, 13 & 18.
Surface rolling. Prairie.
Soil 2 $\frac{1}{4}$ rate.

North on East Boundary of Sec. 12.

Chains

Var. $15^{\circ} 30'$ East.

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1943

- 40.00 Set sand stone $16 \times 14 \times 8$, for $\frac{1}{4}$ Sec. corner, as per instructions.
- 80.00 Set sand stone $20 \times 18 \times 4$, marked as per instructions, for the corner to Sec's 1, 6, 7 and 12. Surface rolling. Prairie. Soil $2\frac{1}{4}$ rate.

North on East Boundary of Sec. 1.

Var. $15^{\circ} 30'$ 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 Townships 12 and 13 North, Range 9 West. Surface rolling. Prairie. Soil $2\frac{1}{4}$ rate.

East on Random between Townships 12 and 13 North, Range 9 West, setting temporary half mile and mile corners at every 40 and 80 chains.

Var. $15^{\circ} 30'$ East. At 481.80 chs. intersect First Guide Meridian, 1.50 chains North of corner to Townships 12 and 13 North, Ranges 8 and 9 West. Therefore the correction will be 1.80 chains East and 2.5 lks South per mile.

Then West on True line South Boundary of Sec. 36.

Var. $15^{\circ} 34'$ East.

- 21.20 Bluff, bears North and South.
- 40.00 Set sand stone, $14 \times 12 \times 3$, for $\frac{1}{4}$ Sec. corner, as per instructions.

BOOK 1943

Chains

65.70 Ravine, 80 lks wide, course South.
 80.00 Set sand stone, 18 X 10 X 4, marked
 as per instructions, for the
 corner to Sec's 1, 2, 35 and 36.
 Surface broken, Cedar and
 Pinon, 2nd rate, on bluff; balance
 prairie, Soil 3rd rate.

West on South Boundary of Sec.
 35.

Var. 15° 34' East.

18.20 Leave bluff, bears north and south.
 40.00 Set sand stone, 16 X 12 X 6, for $\frac{1}{4}$ Sec. corner,
 as per instructions.
 80.00 Set sand stone, 18 X 16 X 5, marked
 as per instructions, for the
 corner to Sec's 2, 3, 34 & 35.
 Surface broken, mostly prairie.
 Soil 3rd and 2nd rate.

West on South Boundary of
 Sec. 24.

Var. 15° 34' East.

15.40 Bluff, bears north and south.
 40.00 Set Charred post and built mound
 for $\frac{1}{4}$ Sec. corner, as per instruc-
 tions.
 80.00 Deposited marked stone, set
 Charred post, marked, built
 mound and dug pits, as per
 instructions, for the corner
 to Sec's 3, 4, 33 and 34.
 Surface rolling prairie. Soil 2nd rate.

West on South Boundary of Sec.
 33.

Var. 15° 34' East.

12.20 Ravine 75 lks wide course SW.
 40.00 Set sand stone 14 X 12 X 5, for
 $\frac{1}{4}$ Sec. corner, as per instruc-

Chains

BOOK

1943

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions, for the corner to Sec's 4, 5, 32 & 33.
Surface rolling, Prairie.
Soil 2^d rate.

West on South Boundary of Sec. 32
Var, 15° 34' East.

26.40 Ravine, course N.E.
40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner, as per instructions.
57.00 Ravine, 150 chains wide, course N.E.
80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to Sections 5, 6, 31 and 32.
Surface rolling, Prairie.
Soil 2^d rate.

West on South Boundary of
Sec. 31. Var, 15° 34' East.

40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. Cor. as per instructions.
87.80 Corner to Townships 12 and 13 North, Ranges 9 and 10 West.
Surface rolling, Prairie.
Soil 2^d rate.

General Description

The land in this Township is generally 2^d rate land, well adapted to farming and agricultural purposes. There is some timber in the South Eastern portion of the Town.
There are two springs in Sec. 8, also one in Sec. 12, yielding pure water. October, 31st, 1869.

Chains

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From corner to Townships 12
and 13 North, Ranges 9 and 10
West. North on East Boundary
of Sec. 26.

Var. 15° 10' East.

40.00 Set charred post and built mound for 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 Sections 25, 30,
31 and 36.

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of
Sec. 25.

Var. 15° 10' East.

40.00 Marked surface rock, at place for 1/4 Sec.
corner, as per instructions.

80.00 Marked surface rock, at place for
corner, as per instructions, for
the corner to Sec's 25, 30, 19 & 24.

Surface rolling. Prairie.

Soil 3rd and 2nd rate.

North on East Boundary of
Sec. 24.

Var. 15° 10' East.

8.15 Ravine, 100 lks wide, course W.E.

40.00 Set charred post and built mound
for 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 Sections 18,
19, 19 and 24.

Surface rolling. Prairie. Soil 2nd rate.

North on East Boundary of Sec. 18.

ChainsVar. 15^e 10' East BOOK 1943

- 29.00 Dry Creek, course west.
 40.00 Set charred post and built mound
 for $\frac{1}{4}$ Sec, corner as per instructions.
 72.00 Dry bed of Creek, 20 lks wide. course W.
 80.00 Set sand stone, 20 X 14 X 3. marked
 as per instructions, for the
 corner to Sec's 7, 12, 13 + 18.
 Surface level. Prairie.
 Soil 1st rate.
-

North on East Boundary of Sec. 12.
 Var. 15^e 10' East.

- 40.00 Set charred post and built mound
 for $\frac{1}{4}$ Sec, corner as per instructions.
 80.00 Set sand stone, 16 X 14 X 4. marked
 as per instructions, for the
 corner to sections 1, 6, 7 + 12.
 Surface rolling. Prairie.
 Soil 3rd rate.
-

North on East Boundary of Sec. 1.
 Var. 15^e 10' 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 Townships 13 + 14
 North. Ranges 9 and 10 west.
 Surface rolling. Prairie.
 Soil 3rd rate.
-

East on Random between Town-
 ships 13 and 14 North, Range
 9 West, setting temporary
 half mile and mile corners
 at every 40 and 80 chains

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BOOK 1943

Var. from $15^{\circ}45'$ to $15^{\circ}50'$ East.
 At 480.10 intersect First Guide
 Meridian 25 lks South of corner
 to Townships 13 and 14 North,
 Ranges 8 and 9 West.
 Therefore the correction
 will be 10 lks East and $4\frac{1}{2}$
 links North per mile. Then
 West on True Line South Boundary
 of Sec. 36.

Var. $15^{\circ}32'$ East.
 10.20 Ravine, 30 lks wide, course S.W.
 40.00 Set sand stone, $24 \times 12 \times 6$, for $\frac{1}{4}$
 Sec. corner, as per instructions.
 80.00 Set sand stone, $18 \times 12 \times 6$, marked
 as per instructions, for the
 corner to Sections 1, 2, 35 and 36.
 Surface broken, scattering
 cedar and Pinon, 3^{rd} rate. Soil 3^{rd} rate.

West on South Boundary of
 Sec. 35.

Var. $15^{\circ}32'$ East.
 14.90 Leave "Mesa" and scattering
 cedar and Pinon, 3^{rd} rate,
 bears N.W. and S.E.
 40.00 Set sand stone, $14 \times 12 \times 8$, for $\frac{1}{4}$
 Sec. corner, as per instructions.
 80.00 Set sand stone, $14 \times 12 \times 4$, marked
 as per instructions for the
 corner to Sections 2, 3, 34 + 35.
 Surface broken, Prairie ex-
 cept on "Mesa", Soil 3^{rd} rate.

West on South Boundary of Sec. 34.

Var. $15^{\circ}32'$ East.
 40.00 Set charred post and built
 mound for $\frac{1}{4}$ Sec. corner, as
 per instructions.
 80.00 Deposited marked stone,

Chains

BOOK 1943

set charred post, marked, built mound and dug pits, as per instructions for the corner to sections 2, 4, 23 and 24.
 Surface rolling. Prairie.
 Soil $\frac{1}{2}$ rate.

West on South Boundary of Sec. 33.
 Va. $15^{\circ} 47'$ East.

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner as per instructions.
- 57.00 Bluff, bears North and South.
- 80.00 Set sand stone, 16 x 12 x 3. Marked as per instructions for the corner to sections 4, 5, 32 + 33.
 Surface rolling. A few scattering trees along bluff, ^{mostly prairie} Soil $\frac{1}{2}$ rate.

West on South Boundary of Sec. 32.
 Va. $15^{\circ} 47'$ 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 Sec's 5, 6, 31 and 32.
 Surface rolling. Prairie.
 Soil $\frac{1}{2}$ rate.

West on South Boundary of Section 31.

Va. $15^{\circ} 47'$ East.

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. cor. as per instructions.
- 80.10 corner to Townships 13 and 14 North, Ranges 9 + 10 West.
 Surface rolling. Prairie.

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Chains

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Soil 2nd rate, General Description.

The land in this Township is mostly 2nd rate land. There is some fine farming land along the creek bottom. The whole Town gives evidence of having been cultivated some years ago.

Measuring chain compared with standard and found correct.

Nov. 1st 1869.

From corner to Townships 12 and 14 North, Range 9 and 10 West, North on East Boundary of Sec 26.

Var. 154° 35' East.

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

80.00 Set marble, 14 x 12 x 3. marked as per instructions for the corner to Sections 25, 30, 31 and 36.

Surface rolling. Prairie.

Soil 2nd rate.

North on East Boundary of Sec 25.

Var. 154° 35' East.

4.00 Dry bed of creek, course S.W. 15 lks wide.

40.00 Set sand stone, 18 x 8 x 6. for $\frac{1}{4}$ Sec. corner, as per instructions.

62.10 Ravine, 100 lks wide, course S.W.

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 rolling. Prairie.

Soil 2nd rate.

North on East Boundary of Sec. 24.

Var. 134° 35' East.

chains

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Section corner, as per instructions.
- 77.25 Leave Bluff, bears East & West.
- 80.00 Set sand stone, 14 x 12 x 3, marked as per instructions, for the corner to Sections 13, 18, 19 & 24.
Surface rolling, Prairie.
Soil 2 $\frac{1}{2}$ rate.

North on East Boundary of Sec. 13.

Var. 15 $^{\circ}$ 50' East.

- 40.00 Set granite, 16 x 12 x 3, for $\frac{1}{4}$ Sec cor. as per instructions.
- 80.00 Set granite, 18 x 10 x 3, marked as per instructions, for the corner to Sec's 7, 12, 13 & 18.
Surface rolling, Prairie.
Soil Second rate.

North on East Boundary of Sec. 12.

Var. 15 $^{\circ}$ 55' 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 sections 1, 6, 7 and 12.
Surface rolling, Prairie. Soil 2 $\frac{1}{2}$ rate.

North on East Boundary of Sec. 1.

Var. 15 $^{\circ}$ 55' 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

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Chains

dug pits, ^{at} per instructions for the corner to Townships 14 and 15 North, Range 9 and 10 West. Surface level. Prairie. Soil 1 $\frac{1}{4}$ rate.

East on Random between Townships 14 and 15 North, Range 9 West, setting temporary half mile and mile corners at every 40 and 80 chains.

Var. from 15 $^{\circ}$ 45' to 16 $^{\circ}$ 05' East. At 478 chains intersect First Guide Meridian 2.35 chains North of corner to Townships 14 and 15 North, Range 8 & 9 West. Therefore the correction will be 2.00 chains West and 39 $\frac{1}{2}$ lks South per mile. Then West on True line South Boundary of ^{fractional} Sec. 36.

Var. 15 $^{\circ}$ 28' 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 Sections 1, 2, 35 and 36. Surface rolling. Prairie. Soil 2 $\frac{1}{4}$ rate.

West on South Boundary of Sec. 35. Var. 15 $^{\circ}$ 28' 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

Chains

BOOK

1948

instructions, for the corner to
Sections 2, 3, 34 and 35.

Surface rolling, Prairie.

Soil 2nd rate.

West on South Boundary of
Section 24.

Var. 15° 43' East.

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

72.00 Ravine, 60 lks wide, course North.

80.00 Deposited marked stone, set
charred post, marked, built
mound and dug pits, as per
instructions, for the corner to
Sections 2, 4, 33 and 34.

Surface rolling, Prairie.

Soil 1st rate.

West on South Boundary of
Sec. 33.

Var. 15° 48' 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 Sections 4, 5,
32 and 33.

Surface rolling, Prairie.

Soil 2nd rate.

West on South Boundary of
Sec. 32.

Var. 15° 48' East.

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

80.00 Set sand stone, 14 x 12 x 3, marked

Field Notes of the Exterior Lines of Township No. 14 North,
Range 9 West the Navajo Special Meridian.

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as per instructions for the corner
to Sections 31, 32 and 33,
Surface rolling, Prairie, Soil 2nd rate

Weston South Boundary of Sec. 31.
Var. 15° 48' East.

40.00 Set charred post and built mound for
Sec. corner as per instructions.

78.00 Corner to Townships 14 and 15 North,
Ranges 9 and 10 West,
Surface level, Prairie, Soil 1st rate.

General Description

The larger portion of this Township is
good 1st and 2nd rate land, well
adapted to farming and grazing
purposes. There is some timber
in the South Eastern portion of
the Town.

measuring chain compared with
standard and found correct.
November, 2nd 1869.

From corner to Townships 14
and 15 North, Ranges 9 and 10 West,
North on East Boundary of Sec. 36.
Var. 15° 48' East.

40.00 Set Charred post and built mound
for 1/2 Sec. corner as per instructions.

66.00 Intersect North Boundary of Navajo
Reservation, 44.10 chains East of
25th mile corner and set sand
stone, 14 x 12 x 3, marked "b.b." for
the closing corner,
Surface rolling, Prairie,
Soil 2nd rate.

From corner to Township 11 North,
Ranges 10 and 11 West, north on East
Boundary of Sec. 26.

Var. $13^{\circ} 20'$ East.

40.00 marked surface rock, at place for corner,
for $\frac{1}{4}$ Sec, corner, as per instructions.

80.00 Set sand stone, $14 \times 12 \times 6$, marked
as per instructions for the corner
to secs. 20, 20, 31 and 26.

Surface rolling. Prairie.

Soil $2\frac{1}{4}$ rate

North on East Boundary of Sec. 28.

Var. 13° 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 19, 24, 25 and 20.

Surface rolling. Prairie.

Soil $2\frac{1}{4}$ rate.

North on East Boundary of Sec 24.

Var. $14^{\circ} 45'$ East.

40.00 Set sand stone, $14 \times 10 \times 5$, for $\frac{1}{4}$ Sec, cor.
as per instructions.

38.00 "Rio De Chille" course OKW.

64.00 Leave same.

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 of 1st half, rolling. Soil $2\frac{1}{4}$ rate.

Surface of last half, level. Soil $1\frac{1}{4}$ rate.

Prairie.

North on East Boundary of Sec 13.

Var. $14^{\circ} 45'$ East.

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Chains

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 sec's 7, 12, 13 & 18, Surface level. Prairie. Soil 1st rate.

North on East Boundary of Sec. 12,
Var. $14^{\circ} 45'$ 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 Sections 1, 6, 7 & 12, Surface level. Prairie. Soil 1st rate

North on East Boundary of Sec. 1,
Var. 15° East

40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. cor. as per instructions.
40.40 Dry arroya, 20 lks wide, course West
80.00 Deposited marked stone, set charred post, marked, built mound and dug pits, as per instructions for the corner to Townships 11 and 12 North Range 10 & 11 West, Surface level. Prairie. Soil 1st rate

East on Ransom between Townships 11 and 12 North, Range 10 West, setting temporary half mile and mile corners at every 40 and 80 chs, Var. from $15^{\circ} 20'$ to $15^{\circ} 35'$ East,
At 478.90 chs. intersect Range line 1.75 chs. north of corner to Townships 11 and 12 North,

Chains

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Ranges 9 and 10 West. Therefore the correction will be 1.10 Chs. West, and 29½ lbs. South per mile.

Then West on True Line, South Boundary of Sec. 26.

Var. 15° 08' East.

40.00 Set charred post and built mound for ¼ Sec. cor. as per instructions.

80.00 Set sand stone, 16 x 15 x 7, marked as per instructions, for the corner to sections 1, 2, 35 & 36. Surface rolling Prairie. Soil 1st rate.

West on South Boundary of Sec. 25.

Var. 15° 23' East.

40.00 Set sand stone, 16 x 12 x 4, for ¼ Sec. cor. as per instructions.

80.00 Set sand stone, 24 x 12 x 6, marked as per instructions, for the corner to sections 2, 3, 34 & 35. Surface broken, Prairie. Soil 2nd rate.

West on South Boundary of Sec. 24.

Var. 15° 23' East.

16.50 Small canon, course SW.

40.00 Set sand stone, 16 x 10 x 4, for ¼ Sec. cor. as per instructions.

80.00 ^{Set} Sand stone, 18 x 12 x 5, marked as per instructions for the corner to sections 3, 4, 33 and 34.

Surface rolling Prairie. Soil 2nd rate.

West on South Boundary of Sec. 23.

Chains

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- Var. 15th 23' East.
- 40.00 Set sand stone, 14 X 12 X 3, for $\frac{1}{4}$ sec. corner as per instructions.
- 80.00 Set sand stone, 18 X 10 X 4, marked as per instructions, for the corner to Sections 4, 5, 32 and 33.
- Surface rolling. Prairie.
Soil 2nd rate.

Weston South Boundary of Sec 32.
Var. 15th 23' East.

- 40.00 Set charred post and built mound for $\frac{1}{4}$ Sec. corner, as per instructions.
- 61.00 Leave Bluff and enter valley of the "De Chille".
- 80.00 Set sand stone, 16 X 14 X 6, marked as per instructions, for the corner to Sections 5, 6, 31 & 32.
- Surface rolling. Prairie.
Soil 2nd rate.

Weston South Boundary of Sec. 21.

- Var. 15th 23' East.
- 40.00 Set sand stone, 15 X 12 X 4, for $\frac{1}{4}$ Sec. corner as per instructions.
- 78.90 Corner to Townships 11 and 12 North, Ranges 10 & 11 West.
- Surface rolling. Prairie.
Soil 1st and 3rd rate.

General Description.

This Township is mostly prairie, soil 2nd, 1st and 3rd rate. It is well adapted to farming and grazing purposes.

Measuring Chain compared with Standard and found correct.

November 3rd, 1869.

Chains

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From corner to Townships 11
and 12 North, Ranges 10 & 11 West
West on South Boundary of Sec 26.
Var. 15^o 21' East.

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

52.00 Arroyo, 30 lks wide, course North.

59.00 Intersect West Boundary of
Navajo Reservation 130 Chains
North of 66th mile corner, and depos-
ited marked stone, set charred
post marked "C. C." built mound
and dug pits for the Closing
corner.

Surface level. Prairie

Soil 1st rate.

General Description.

This Township is all prairie, soil
1st and 2nd rate. It is well adapted
to farming and grazing pur-
poses.

From corner to Townships 11
and 12 North, Ranges 10 & 11 West
North on East Boundary of Sec 26.
Var. 15^o 10' East.

40.00 Set sand stone, 14 X 10 X 5. for $\frac{1}{4}$
Sec. corner as per instructions.

80.00 Set sand stone, 18 X 12 X 4. marked
as per instructions for the
corner to Sections 25,
20, 21 and 26.

Surface level. Prairie.

Soil 1st rate.

North on East Boundary of
Sec. 25.

Var. 15^o 10' East

stone bluff, base 20 X 20

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Chains
40.00

Set sand stone, 24x12x3, for $\frac{1}{4}$ Sec corner, as per instructions.

80.00 Marked surface rock, at place for corner, as per instructions, for the corner to Sections 19, 24, 25 & 30. Surface broken. Prairie Soil 3rd rate.

North on East Boundary of Sec 24
Var. B^e 10' E.

29.70 Cañon, course S.W.

40.00 Place for $\frac{1}{4}$ Sec corner, in cañon, impossible to establish the same.

41.00 Leave same

80.00 Set sand stone, 18x12x3, marked as per instructions, for the corner to Sections 13, 18, 19 & 24. Surface very broken. Prairie. Soil 3rd rate.

North on East Boundary of Sec. 13
Var. B^e 10' East.

40.00 Set sand stone, 14x14x3, for $\frac{1}{4}$ Sec. cor, as per instructions.

52.00 Small cañon, course S.W.

80.00 Set sand stone, 22x12x3, marked as per instructions, for the corner to Sections 7, 12, 13 & 18. Surface broken. Prairie. Soil 3rd rate.

North on East Boundary of Sec. 12,

Var. B^e 10' East.

40.00 Set sand stone, 16x12x3, for $\frac{1}{4}$ Sec. corner, as per instructions.

80.00 Set lime stone, 18x12x3, marked as per instructions, for the corner to Sections 1, 6, 7 & 12.

chains

Surface rolling, Prairie. Soil 2nd rate

North on East Boundary of Sec. 1.
Var. 15th 10' East.

40.00 Set charred post and built mound for 4 Sec. corner as per instructions.

80.00 Set sand stone, 18x14x8, marked as per instructions for the corner to Townships 12 and 13 North, Ranges 10 and 11 West.
Surface rolling, Prairie.
Soil second rate

East on Random between townships 12 and 13 North, Range 10 West, setting temporary half mile and mile corners, at every 40 and 80 chains. At 479.85 chs.

intersect Range line 12 lks South of corner to Townships 12 and 13 North, Ranges 9 and 10 West. Var. from 15th 30' to 15th 45' E.

Therefore, the correction will be 15 lks West and 2 lks North per mile. Then West on true line South Boundary of Sec. 36.

Var. 15th 46' E.

40.00 Marked surface rock at place for corner, for 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 Sections 1, 2, 35 and 36.

Surface rolling, Prairie.

Soil 2nd rate.

West on South Boundary of Sec. 36.

Field notes of the Exterior Lines of Township No. 12 North

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Var. 15° 46' East

22.95 Ravine, 20 lks wide, course etc.
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 sections 2, 3, 34
and 35

Surface rolling. Prairie.
Soil 2nd rate.

West on South Boundary of Sec 34
Var. 15° 31' E

40.00 marked surface rock, for $\frac{1}{4}$ Sec. cor.
as per instructions.
80.00 Set sand stone, 15 x 12 x 10, marked as
per instructions, for the corner to
Sections 2, 4, 32 and 34.

Surface rolling. Prairie, Soil 2nd rate.

West on South Boundary of Sec 33
Var. 15° 31' 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 Sec's 4, 5, 22 & 23.

West on South Boundary of Sec 22
Var. 15° 31' East

40.00 marked surface rock, for $\frac{1}{4}$ Sec. corner
as per instructions.
80.00 Set sand stone, 16 x 12 x 4, marked as
per instructions, for the corner
to Sec's 5, 6, 21 and 22.

Surface rolling. Prairie.
Soil 2nd rate.

Chains

West on South Boundary of Sec. 31.
 Var. $15^{\circ} 31' E$.
 40.00 Set charred post and built mound
 for $\frac{1}{4}$ sec. corner as per instructions.
 79.85 Corner to Townships 12 and 13 North,
 Ranges 10 and 11 West.
 Surface rolling. Prairie.
 Soil 3 $\frac{1}{2}$ rate.

General Description.
 This Township is all prairie,
 soil generally 2 $\frac{1}{2}$ and 1 $\frac{1}{2}$ rate.
 It is well adapted to agri-
 cultural purposes.

Measuring chain compared
 with standard and found
 correct.
 November 4th 1889.

From corner to Townships
 12 and 13 North, Ranges 10 & 11
 West, West on South Boundary
 of Sec. 36.
 Var. $15^{\circ} 21' E$.

40.00 Set charred post and built mound
 for $\frac{1}{4}$ sec. corner, as per instruc-
 tions.
 56.00 Intersect West Boundary of Navajo
 Reservation, 90 links North of
 corner and set sand stone, 18x10
 x 3, for the closing corner.
 Surface rolling. Prairie.
 Soil 2 $\frac{1}{2}$ rate.

General Description.
 This Township is all prairie,
 soil 2 $\frac{1}{2}$ and 1 $\frac{1}{2}$ rate land.
 It is well adapted to
 farming and grazing purposes.

Field Notes of the Exterior Lines of Township No. 114

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BOOK 1948

Chains

From Corner to Townships 12 and 13 North, Ranges 10 and 11 West, North on East Boundary of Sec. 26.
Var. 13° 35' East

40.00 Set charred post and built mound for 1/2 Sec. corner, as per instructions

80.00 Set sand stone 18 x 12 x 3, marked as per instructions, for the corner to Sec's 25, 30, 31 and 36.

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 20
Var. 13° 35' East

40.00 Set sand stone, 18 x 8 x 6, for 1/2 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 Sections 25, 30, 19 and 24.

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 24.

Var. 15° 35' E.

40.00 Marked surface rock, for 1/2 Sec. Cr. as per instructions.

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

Surface rolling. Prairie.
Soil 2nd rate.

North on East Boundary of Sec. 15.
Var. 15° 20' East

Chains

40.00

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

80.00

Set sand stone, 24 x 12 x 8 marked as per instructions, for the corner to Sections 1, 12, 13 & 18.

Surface rolling, Prairie.
Soil $\frac{1}{4}$ rate.

North on East Boundary of Sec. 12,
Cor. 15th 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 Sec's 1, 6, 7 & 12.

Surface rolling, Prairie.
Soil $\frac{1}{4}$ rate.

North on East Boundary of Sec. 1
Cor. 15th 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 Townships 13 and 14 North, Ranges 10 & 11 West.

Surface level, Prairie.
Soil $\frac{1}{4}$ rate.

East on Random between Townships 13 & 14 North, Range 10 West setting temporary half mile and mile corners at every 70 and 80 chains.
Cor. 15th 45th East.

At 478.50 chains intersect

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BOOK 1943
Chains

Range line 1.60 Chs. north of corner
to Townships 13 and 14 North,
Ranges 9 and 10 West.
Therefore the correction will be
1.50 chains West and 26 2/3 links
South per mile. Then West on
True Line South Boundary of
Sec. 36.

Var. 15° 34' East

40.00 Set sand stone 16 x 12 x 3 for 1/2
Sec. corner as per instructions.
50.00 Deposited marked stone, set charred
post, marked, built mound and
dug pits as per instructions for
the corner to Secs 1, 2, 35 & 36.
Surface broken. Prairie
Soil 2 1/2 rate.

West on South Boundary of Sec. 30
Var. 15° 34' East

3.85 Dry Creek, 15 lks wide, course S.W.
40.00 Set sand stone, 12 x 12 x 4, for 1/2
Sec. corner, as per instructions.
80.00 Set sand stone, 18 x 16 x 3, marked as per
instructions for the corner to Sec's
2, 3, 34 and 35.
Surface broken. Prairie Soil 3 1/2 rate.

West on South Boundary of Sec. 34
Var. 15° 34' East

40.00 Set sand stone, 14 x 12 x 4, for 1/2 Sec
corner, as per instructions.
80.00 Set sand stone, 14 x 12 x 3, marked
as per instructions, for the corner
to Sec's 3, 4, 33 and 34.
Surface rolling. Prairie
Soil 2 1/2 rate.

West on South Boundary of Sec. 30

Chains

Var. 15° 24' East

40.00 Set sand stone, 14 x 12 x 10, for 1/4 Sec. cor.
as per instructions.

80.00 Marked surface rock, at place for
corner, as per instructions, for
the corner to Sec's 4, 5, 32 & 33.

Surface broken. Prairie.
Soil 3rd rate.

West on South Boundary of Sec. 32.

Var. 15° 24' East

20.25 Dry bed of Creek, 20. lks wide course shown

40.00 Marked surface rock, for 1/4 Sec. cor.
as per instructions.

80.00 Set sand stone, 16 x 14 x 8, marked
as per instructions, for the corner
to Sec's 5, 6, 31 and 32.

Surface broken. Prairie.
Soil 3rd rate.

West on South Boundary of Sec. 31.

Var. 15° 34' East

40.00 Set Charred post and bolt mound
for 1/4 Sec. corner, as per instructions.

78.50 Corner, Townships 13 and 14 North,
Ranges 10 and 11 West.

Surface of 1st half, broken, Soil 3rd rate.

Surface of last half, rolling, Soil 2nd rate.

Prairie.

General Description.

This Township is all prairie, soil
generally 2nd rate. It is well adap-
ted to farming and grazing
purposes.

Measuring chain compared
with Standard and found

Over, 5th 1869.

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Chains

BOOK 1948

From Corner to Townships 13 and 14 North, Ranges 10 & 11 West. West on South Boundary of Sec. 26. Var 15° 25' E.

40.00 Set charred post and built mound for 3/4 Sec. corner as per instructions.

85.00 Intersect West Boundary of Navajo Reservation 20 lks North of 7 1/2 mile corner. Set charred post and built mound for the closing corner. Surface rolling prairie. Soil 2 1/4 rate.

General Description.

This fractional township is all prairie, generally 2 1/4 rate land. It is well adapted to farming and grazing purposes.

From corner to Townships 12 and 14 North, Ranges 10 & 11 West, North on East Boundary of Sec. 26.

x 30.00 Var 10° 30' East. Set sand stone, 18 x 12 x 4, marked as per instructions, for the corner to Secs 25, 30, 31 & 26. Surface rolling prairie. Soil 2 1/4 rate.

North on East Boundary of Sec. 25.

1.75 Var 10° 35' East. Prairie, 80 lks wide, course N.E.

40.00 Set sand stone, 14 x 12 x 3, for 3/4 Sec. corner, as per instructions.

80.00 Set sand stone, 18 x 10 x 3, marked as per instructions, for the corner to Secs 19, 24, 25 & 30.

Set sand stone 18 x 8 x 6, for 3/4 sec. corner as per instructions.

x 40.00

Chains

Surface rolling Prairie, Soil 2⁴/₄ rateNorth on East Boundary of
Sec. 24.

Var. 15° 40' 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 Sec's 12, 18, 19 & 24.

Surface rolling Prairie.

Soil 2⁴/₄ rateNorth on East Boundary of
Sec. 13.

Var. 15° 40' E.

40.00 Marked surface rock, for $\frac{1}{4}$ Sec. cor.
as per instructions.

71.30 Creek, 20 ft. wide, course N.W.

80.00 Deposited marked stone, set
charred post, marked, built
mound and dug pits, as per
instructions, for the corner
to Sec's 7, 12, 13 and 18.

Surface rolling Prairie.

Soil 2⁴/₄ rateNorth on East Boundary of
Sec. 12.

Var. 15° 40' East.

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

61.50 Ravine 100 ft. wide, course S.W.

80.00 Set granite 16 x 8 x 6, marked as
per instructions, for the corner
to sections 1, 6, 7 and 12.

Surface rolling Prairie.

Soil 2⁴/₄ rate.

Field Notes of the Exterior Lines of Township 14
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Chains

BOOK 1943

North on East Boundary of Sec. 1.
var. 15° 45' East

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

80.00 Set conglomerate stone, 54 x 18 x 15,
marked, and built mound of stone
around same, as per instructions,
for the corner to Townships 14
and 15 North, Ranges 11 & 12 West,
Surface rolling prairie.
Soil 2 $\frac{1}{2}$ rate.

East on Random between Town-
ships 14 and 15 North, Range 10
West, setting temporary half
mile and mile corners at
every 40 and 80 chains.

var. 15° 45' East

At 477.60 Chs. intersect Range
Line 30 lks north of corner
to Townships 14 and 15 North,

Ranges 9 and 10 West.
Therefore the correction will
be 240 lks West and 5 lks
South per mile.

Then West on True Line
South Boundary of Sec. 36.

var. 15° 43' 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 Sec's 1, 2,
35 and 36.

Surface rolling prairie.
Soil 2 $\frac{1}{2}$ rate.

West on South Boundary of Sec. 35
var. 15° 43' East.

Chains

40.00

Set charred post and built mound for 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 2, 3, 24 & 25.

Surface rolling, Prairie Soil 2^{1/2} rate.

Western South Boundary of Sec. 34
var. 15° 43' East

40.00

Set charred post and built mound for 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 Sections 31, 4, 33 and 34.

Surface rolling, Prairie Soil 2^{1/2} rate.

Western South Boundary of Sec. 33.

var. 15° 43' E.

40.00

Set charred post and built mound for 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 Sections 4, 5, 32 & 33.

Surface rolling, Prairie Soil 2^{1/2} rate.

Western South Boundary of Sec. 32.

var. 15° 43' East

40.00

Set charred post and built

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Chains

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57.00

50.00

mound, for $\frac{1}{4}$ Sec. Corner, as per instructions.

Leave Bluff, bears North & South. Set sand stone, 24 x 8 x 5, marked as per instructions, for the corner to Sections 5, 6, 31 & 32.

Surface rolling. Prairie. Soil 2nd rate.

West on South Boundary of Sec. 31. Var. 15° 43' East.

40.00

Set granite, 16 x 12 x 4, for $\frac{1}{4}$ Sec. Cor. as per instructions.

77.60

Corner to Townships 14 & 15 North. Ranges 10 & 11 West.

Surface rolling. Prairie. Soil 3rd rate.

General Description.

This Township is all prairie, surface gently rolling. Soil 2nd and 1st rate. The whole Township is well adapted to farming and grazing purposes.

From Corner to Townships 14 and 15 North. Ranges 10 & 11 West. West on South Boundary of Sec. 36. Var. 15° 25' East.

21.00

Dry bed of creek, course North. 20 lks wide, sandy bottom.

40.00

Set charred post and bairt mound for $\frac{1}{4}$ Sec. Corner, as per instructions.

54.00

Intersect West Boundary of Navajo ^{Indian} Reservation 25 lks North of corner to fractional Townships 14 & 15 North.

and deposited marked stone, set
 charged post, built mound and dug
 pits, for the closing corner,
 Surface level, Prairie.
 Soil 2^d rate.

General Description

This Township is all prairie,
 surface generally ^{gentle} rolling.
 Soil 2^d and 1st rate.

It is well adapted to farming
 and grazing purposes.

November 4th 1869.

From Corner to Townships
 14 and 15 North, Ranges 10 and
 11 West, North or East.

Boundary of Sec. 36

Var. 15° 45' East,

27.00 Ravine, 20 ft wide, course S.W.

4000 Set sand stone, 16 x 12 x 3,
 for 4 Sec. corners, as per instruc-
 tions.

6640 Intersect North Boundary of
 Savage Indian Reservation,
 47.50 chs. East of corner to
 31st mile, and set sand
 stone, 14 x 10 x 8, marked "6.6"
 for the closing corner.

Surface rolling, Prairie.
 Soil 1st rate.

General Description

This fractional Township
 is all prairie, generally 2^d
 rate land.

It is well adapted to farm-
 ing and grazing purposes.

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BOOK

1948

We hereby certify that we assisted
 E. N. Darling, U.S. Surveyor,
 in surveying the Exterior Lines
 of Townships No. 1, 2, 3, 4, 5, 6, 7, 8,
 9, 10, 11, 12, 13 and 14 North, Ranges
 9 and 10 West, and Fractional
 Townships No. 1, 2, 3, 4, 5, 6, 7, 8, 9,
 10, 11, 12, 13, 14 and 15 North, Range
 No. 11 West and Fractional Town-
 ship 15 North, Ranges 9 and 10
 West of the Navajo Special
 Meridian, and that said Lines
 have been in all respects to
 the best of our knowledge and
 belief, well and faithfully sur-
 veyed, and the Boundary Monuments
 planted according to the instruc-
 tions furnished by the Commis-
 sioner of the General Land Office
 Willard S. Paul, Compassman

William J. Hare }
 John Howe } Chairman

Sheldon W. Shaper }
 Robert C. Darling } Coverman

Subscribed and sworn to before
 me, E. N. Darling, U.S. Surveyor,
 in Township No. 1 North, Range
 6, West of the Navajo Special
 Meridian, in the Territory
 of Arizona, this 26th day of
 January, 1869.
 E. N. Darling
U.S. Surveyor

E. N. Darling, U.S. Surveyor
 do solemnly swear that

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Department of the Interior
General Land Office
February 25th 1870.

The foregoing field notes of the Surveys of the
Section Lines of Townships Nos. 1, 2, 3, 4, 5, 6,
7, 8, 9, 10, 11, 12, 13 and 14 North Ranges 9 and
10 West, Fractional Townships 1, 2, 3, 4, 5, 6, 7, 8
9, 10, 11, 12, 13, 14 and 15 North Ranges 11 West
and fractional Townships 15 North Ranges
9 and 10 West x x x x x x x
of the Navajo Special Meridian, the
Territories of New Mexico and Arizona
surveyed by Chas. A. Darling, 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 26th 1870

A True Copy

A. M. Wilson
Commissioner

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 of the General Land Office, I have faithfully surveyed the Exterior Lines of Townships No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 North, Ranges 9 and 10 West and fractional Townships 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15 North, Ranges No 11 West and fractional Township No 15 North, Ranges 9 and 10 West, of the Navajo Special Meridian, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Ehud C Darling,
U.S. Surveyor,

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

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

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