

Travis Indian Reservation

1951

1951

FIELD NOTES

OF THE SURVEY OF THE

1951

*of the
Subdivision Lines of
Sections 13 & 14, T4th, Range 5, West*

*Special Map
of the Subdivision Lines Base and Meridian,*

ARIZONA,

1951

by *E. A. Darling* U. S. Deputy Surveyor

Under contract dated *April 29 - 1869*

Survey commenced *Jan 14 - 1870*

Survey completed *Jan 20 - 1870*

1951

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SURVEYS IN NAVAJO INDIAN RESERVATION.

F I E L D N O T E S

_____ of the _____

Subdivision Lines of Townships 13 and 14 North,

_____ RANGE 5 WEST, _____

Of the Navajo Special Meridian, in the Territory of New Mexico, surveyed under the direction of Hon. Jos. S. Wilson, Commissioner of the General Land Office, _____

By Ehud N. Darling, U. S. Surveyor, under his Contract, bearing date, Washington D. C., April 29th, 1869, and subsequent Special Instructions.

*****000000*****

Commenced Jan. 14th, and _____
Completed January 25th, 1870.

*Recd from U.S. Sur. Genl
New Mexico
Nov. 26-1905*

BOOK 1951

NAMES OF ASSISTANTS.

North A. Haight,Compassman.

William Clark, }Chainmen.
William Burgess. }

Pablo Torres, }Cornermen.
Phillippe Delgado }

Measuring Chain compared with Standard as per Manual instructions.

I N D E X.

Subdivision of Township 13 N.
Range 5 W. of the Navajo Special Meridian.

Subdivision of Twp. 14 N.,
Range 5 W. of the Navajo Special Meridian.

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| | | 10 | 8 | 5 | |
| 7 | 8 | 9 | 10 | 11 | 12 |
| | | 10 | 8 | 5 | |
| 18 | 17 | 16 | 15 | 14 | 13 |
| | | 9 | 7 | 4 | |
| 19 | 20 | 21 | 22 | 23 | 24 |
| | | | 6 | 3 | |
| 30 | 29 | 28 | 27 | 26 | 25 |
| | | | | | 3 |
| 31 | 32 | 33 | 34 | 35 | 36 |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 6 | 33 | 5 | 27 | 4 | 3 | 2 | 15 | 1 | | |
| 33 | 32 | 27 | 23 | 20 | 15 | | | | | |
| 7 | 32 | 8 | 26 | 9 | 23 | 10 | 19 | 11 | 15 | 12 |
| 32 | 31 | 26 | 22 | 18 | 14 | | | | | |
| 18 | 31 | 17 | 26 | 16 | 22 | 15 | 18 | 14 | 14 | 13 |
| 31 | 30 | 25 | 22 | 18 | 13 | | | | | |
| 19 | 30 | 20 | 25 | 21 | 22 | 17 | 23 | 13 | 24 | |
| 30 | 29 | 25 | 21 | 17 | 13 | | | | | |
| 30 | 29 | 29 | 24 | 28 | 21 | 27 | 17 | 26 | 12 | 25 |
| 28 | 28 | 24 | 20 | 16 | 12 | | | | | |
| 31 | 28 | 32 | 24 | 33 | 20 | 34 | 16 | 35 | 12 | 36 |

Chains.

FIELD NOTES OF THE
SUBDIVISION LINES OF FRACTIONAL TOWNSHIP 13 NORTH,
RANGE 5 WEST OF THE NAVAJO SPECIAL MERIDIAN.

The southern portion of the Township being
in a mountainous country and almost entirely
worthless, I commenced at the corner to secs.
25, 30, 31 and 36 and

Ran West on true line between secs. 25 and
36.

Var. $14^{\circ} 10' E.$

- 40.00 Set granite 14x10x8 for $\frac{1}{2}$ sec. corner as per
instructions.
- 80.00 Set sandstone 24x12x3 marked as per instructions
for the corner to secs. 25, 26, 35 and 36.
Surface rolling. Prairie.
Soil 2nd rate.

North between secs. 25 and 26.

Var. $14^{\circ} 10' E.$

- 40.00 Set sandstone 15x12x3 for $\frac{1}{2}$ sec. cor. as per
instructions.
- 80.00 Set sandstone 20x7x5 marked as per instructions
for the corner to secs. 23, 24, 25 and 26.
Surface rolling. Prairie.
Soil 2nd rate.

East on random between secs. 24 and 25.

Var. $14^{\circ} 10' E.$

- 40.00 Set temporary $\frac{1}{2}$ sec. corner.
- 47.10 Dry creek, course S. E.
- 79.85 Intersect Range line 12 lks. North of corner
to secs. 19, 24, 25 and 30.
Then N. $89^{\circ} 55' W.$ on true line.

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| Chains. | |
| 40.00 | Set temporary $\frac{1}{2}$ sec. corner. |
| 80.20 | Intersect Range line 18 lks. south of corner to secs. 1, 6, 7 and 12. Then S. $89^{\circ} 52'$ W. on true line. Var. $14^{\circ} 10'$ E. |
| 40.10 | Set charred post, built mound and dug pits for $\frac{1}{2}$ sec. corner as per instructions. |
| 80.20 | Corner to secs. 1, 2, 11 and 12. Surface rolling. Prairie. Soil 2nd rate. |
| <hr/> | |
| | North on random between secs. 1 and 2. Var. $14^{\circ} 10'$ E. |
| 40.00 | Set temporary $\frac{1}{2}$ sec. corner. |
| 80.24 | Intersect north boundary of Township 27 lks. west of corner to secs. 1, 2, 35 and 36. Then S. $12'$ W. on true line. Var. $14^{\circ} 10'$ E. |
| 40.24 | Set charred post, built mound and dug pits for $\frac{1}{2}$ sec. corner as per instructions, |
| 80.24 | Corner to secs. 1, 2, 11 and 12. Surface rolling. Prairie. Soil 2nd rate. |
| <hr/> | |
| | From corner to secs. 23, 24, 25 and 26, West on true line between secs. 23 and 26 Var. 14° E. |
| 37.20 | Dry creek, 20 lks. wide, course N. E. |
| 40.00 | Set sandstone 15x14x3 for $\frac{1}{2}$ sec. corner as per instructions. |
| 80.00 | Set sandstone 16x12x3 marked as per instruc- tions for the cor. to secs. 22, 23, 26 and 27. Surface rolling. Prairie. Soil 2nd rate. |
| <hr/> | |

| Chains | | BOOK |
|--------|---|------|
| | North between secs. 22 and 23. Var. 14° East. | 100 |
| 40.00 | Set sandstone 14x12x3 for $\frac{1}{2}$ sec. corner as per instructions. | |
| 61.30 | Dry bed of creek 20 lks wide, course E. | |
| 80.00 | Deposited marked stone set charred post, marked, built mound and dug pits as per instructions, for the corner to secs. 14, 15, 22 and 23. Surface broken. Prairie. Soil 2nd rate. | |
| | <hr/> East on random between secs. 14 and 23. Var. 14° East. | |
| 40.00 | Set temporary $\frac{1}{2}$ sec. corner. | |
| 43.00 | Dry bed of creek, 20 lks. wide, course N.E. | |
| 80.20 | Intersect sec. line 12 lks. north of corner to secs. 13, 14, 23 and 24. Then N. 89° 55' West on true line. | |
| | Var. 14° East. | |
| 40.10 | Set sandstone 15x14x4 for $\frac{1}{2}$ sec. corner as per instructions. | |
| 80.20 | Corner to secs. 14, 15, 22 and 23. Surface rolling. Prairie. Soil 2nd rate. | |
| | <hr/> North between secs. 14 and 15. Var. 14° East. | |
| 40.00 | Set sandstone 14x12x3 for $\frac{1}{2}$ sec. corner as per instructions. | |
| 80.00 | Set granite 14x9x6 marked as per instructions for the corner to secs. 10, 11, 14 and 15. Surface rolling. Prairie. Soil 2nd rate. | |

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Field Notes of the Subdivision Lines of Fractional Township
13 North, Range 5 West of the Navajo Special Meridian.

Chains.

East on random between secs. 11 and 14.

Var. 14° East.

40.00 Set temporary 1/2 sec. corner.

80.25 Intersect sec. line 21 lks. north of corner to
secs. 11, 12, 13 and 14.

Then N. 89° 51' W. on true line.

Var. 14° East.

40.12 1/2 Set sandstone 26x12x7 for 1/2 sec. corner as per
instructions.

80.25 Corner to secs. 10 , 11, 14 and 15.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 10 and 11.

Var. 14° East.

33.70 Ravine, 75 lks. wide, course East.

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

80.00 Set slate 20x18x2 marked as per instructions
for the Corner to secs. 2, 3, 10 and 11.

Surface rolling. Prairie.

Soil 2nd rate.

East on random between secs. 2 and 11.

Var. 14° East.

40.00 Set temporary 1/2 sec. corner.

79.90 Intersect sec. line 7 lks. south of corner to
secs. 1, 2, 11 and 12.

Then S. 89° 57' W. on true line.

Var. 14° East.

39.95 Set sandstone 14x12x4 for 1/2 sec. corner as per
instructions.

79.90 Corner to secs. 2, 3, 10 and 11.

Field Notes of the Subdivision Lines of Fractional Township 9
13 North, Range 5 West of the Navajo Special Meridian.

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Surface rolling. Prairie.

Soil 2nd rate.

North on random between secs. 2 and 3.

Var. 14° East.

40.00 Set temporary 1/4 sec. corner.

79.85 Intersect Township line 17 lks. west of the
corner to secs. 2, 3, 34 and 35.

Then S. 7' W. on true line.

Var. 14° E.

39.85 Set granite 14x10x5 for 1/4 sec. corner as per
instructions.

79.85 Corner to secs. 2, 3, 10 and 11.

Surface rolling. Prairie.

Soil 2nd rate.

From corner to secs. 14, 15, 22 and 23,

West on true line between secs. 15
and 22. Va. 14° E.

40.00 Set sandstone 16x12x3 for 1/4 sec. cor as per in-
structions.

80.00 Set sandstone 18x7x6 marked as per instructions
for the corner to secs. 15, 16, 21 and 22.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 15 and 16.

Var. 14° East.

40.00 Set granite 12x9x8 for 1/4 sec. cor. as per in-
structions.

74.50 Ravine, 65 lks. wide, course N.E.

80.00 Set sandstone 18x13x4 marked as per instruc-
tions for the corner to secs. 9, 10, 15 and 16.

Field Notes of the Subdivision Lines of Fracl Township
13 North, Range 5 West of the Navajo Special Meridian.

| Chains | |
|---------------------|---|
| | Surface rolling. Prairie. Soil 2nd rate rate. |
| | East on random between secs. 10 and 15. Var. 14° East. |
| 7.60 | Ravine, 70 lks. wide, course N. E. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. corner. |
| 8 0.25 | Intersect sec. line 12 lks. south of corner to secs. 10, 11, 14 and 15. Then S. 89° 55' West on true line. Var. 14° East. |
| 40.12 $\frac{1}{2}$ | Set sandstone 13x10x6 for $\frac{1}{4}$ sec. cor. as per instructions. |
| 80.25 | Corner to secs. 9, 10, 15 and 16. Surface broken. Prairie. Soil 3rd rate. |
| | North between secs. 9 and 10. Var. 14° East. |
| 40.00 | Set sandstone 16x15x3 for $\frac{1}{4}$ sec. cor. as per instructions. |
| 41.20 | Ravine 75 lks. wide, course N.E. |
| 80.00 | Set sandstone 18x14x5 marked as per instructions, for the corner to secs. 3, 4, 9 and 10. Surface rolling. Prairie. Soil 2nd rate. |
| | East on random between secs. 3 and 10. Var. 14° East. |
| 31.20 | Ravine 80 lks. wide, course N. E. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. corner. |
| 80.20 | Intersect sec. line 24 links south of corner to secs. 2, 3, 10 and 11. |

Field Notes of the Subdivision of Fracl Township
13 North, Range 5 West of the Navajo Special Meridian.

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Chains.

Then S. 89° 49' W. on true line.

Var. 14° East.

40.15 Set sandstone 16x14x5 for 1/4 sec. corner as per instructions.

80.30 Corner to secs. 3, 4, 9 and 10.

Surface rolling. Prairie.

Soil 2nd rate.

North on random between secs. 3 and 4.

Var. 14° East.

40.00 Set temporary 1/4 sec. corner.

80.35 Intersect Township line 20 lks. west of the corner to secs. 3, 4, 33 and 34.

Then S. 9' West on true line.

Var. 14° E.

40.35 Set sandstone 14x12x3 for 1/4 sec. corner as per instructions.

80.35 Corner to secs. 3, 4, 9 and 10.

Surface rolling. Prairie.

Soil 2nd rate.

GENERAL DESCRIPTION

of

Fractional Township 13 North Range 5 west of the Navajo Special Meridian.

The land in this Township is generally 2nd rate, all prairie.

Surface mostly rolling. It is well adapted to either farming or grazing purposes, and gives evidence of having been well cultivated not many years ago. In sec. 3 there is a Spring of very fine water.

Field Notes of the Subdivision Lines of Township
14 North, Range 5 West of the N. S. Meridian.

Chains.

Commenced January 14th,, Completed January 19th
1870.

North between secs. 35 and 36.

Var. 15° East.

40.00 Set granite 18x9x5 for 1/4 sec. corner as per
instructions.

77.00 Dry bed of creek, 20 lks. wide, course N.E.

80.00 Set sandstone 14x12x3 marked as per instructions
for the corner to secs.25, 26, 35 and 36.
Surface broken. Prairie.
Soil 2nd rate.

East on random between secs. 25 and 36.

Var. 15° East.

8. 50 Dry bed of creek 20 lks. wide, course N.E.

40.00 Set temporary 1/4 sec. corner.

79.86 Intersect Range line 25 links south of corner
to secs. 25, 30, 31 and 36.

Then S. 89° 49' W. on true line.

Var. 15° East.

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

79.86 Corner to secs. 25, 26, 35 and 36.

Surface broken. Prairie.

Soil 2nd rate.

North between secs: 25 and 26.

Var. 15° East.

40.00 Set sandstone 16x14x3 for 1/4 sec. corner as per
instructions.

57.60 Dry bed of creek, course east,15 links wide.

80.00 Set sandstone 28x20x2 marked as per instruc-
tions for ^{the} cor. to secs. 23, 24, 25 and 26

Chains.

Surface broken . . . Prairie.

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Soil 2nd rate.

East on random between secs. 24 and 25.

Var. 15° East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

59.00 Ravine, 75 lks. wide, course North East.

79.76 Intersect range line 30 lks. south of corner
to secs. 19, 24, 25 and 30.

Then S. 89° 47' W. on true line.

Var. 15° East.

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

79.76 Corner to sections 23, 24, 25 and 26.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 23 and 24.

Var. 15° East.

40.00 Set sandstone 15x13x3 for $\frac{1}{4}$ sec. corner as
per instructions.

80.00 Set sandstone 18x14x5 marked as per instruc-
tions for the corner to secs. 13, 14, 23 and 24

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 13 and 24.

Var. 15° East.

4.00 Enter bottom, bears N. W. and S. E.

6.50 Enter cottonwood timber, bears N. W. and S. E.

17.50 Rio San Juan, course N. W.

21.50 Leave same. Low banks. Sandy bottom and rapid
current.

Field Notes of the Subdivision Lines of Township
14 North Range 5 West of th Navajo Special Mer.

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|--|---|
| Chains. | |
| 40.00 | Set temporary $\frac{1}{2}$ sec. corner |
| 80.10 | Intersect Range line 20 links North of corner to secs. 13, 18, 19 and 24. Then N. $89^{\circ} 51'$ W. on true line. Var. 15° East. |
| 40.05 | Set charred post, built mound and dug pits for $\frac{1}{2}$ sec. corner as per instructions. |
| 80.10 | Corner to secs. 13, 14, 23 and 24. Surface rolling. Prairie. Soil 1st and 2nd rate. |
| North between secs. 13 and 14. Var. 15° East. | |
| 3.20 | Enter river bottom, bears east and west. |
| 9.50 | Enter cottonwood timber, bears N. W. and S. E. |
| 18.30 | "Rio San Juan", course N. W. |
| 29.00 | Leave same; low banks; sandy bottom; and rapid current. |
| 40.00 | Set sandstone 14x12x4 for $\frac{1}{2}$ sec. corner as per instructions. |
| 80.00 | Set sandstone 18x12x6 marked as per instructions for the corner to secs. 11, 12, 13 and 14. Surface rolling. Prairie. Soil 1st rate. |
| East on random between secs. 12 and 13. Var. 15° East. | |
| 40.00 | Set temporary $\frac{1}{2}$ sec. corner. |
| 80.20 | Intersect Range line 14 lks. south of corner to secs. 7, 12, 13 and 18. Then S. $89^{\circ} 54'$ W. on true line. Var. 15° East. |
| 40.10 | Set charred post, built mound and dug pits for |

Field Notes of the Subdivision Lines of Township
14 North Range 5 West of the N. S. M.

BOOK 1951

| | |
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| Chains. | $\frac{1}{4}$ sec. corner as per instructions. |
| 80.20 | Corner to secs. 11, 12, 13 and 14. Surface rolling. Prairie. Soil 2nd rate. |
| <hr/> <p>North between secs. 11 and 12. Var. $14^{\circ} 10'$ E.</p> | |
| 40.00 | Set sandstone 16x12x4 for $\frac{1}{4}$ sec. corner as per instructions. |
| 45.00 | "Rio San Juan" course N.N.E. |
| 55.00 | Leave same; scattering cottonwood timber along banks; clear water; rapid current and gravelly bottom. |
| 80.00 | Set sandstone 17x9x4 marked as per instructions for the corner to secs. 1, 2, 11 and 12. Surface gently rolling. Prairie. Soil 1st rate. |
| <hr/> <p>East on random between secs. 1 and 12. Var. 15° E.</p> | |
| 21.00 | Rio San Juan, course north. |
| 25.00 | Leave same; rapid current; about 4 feet deep; clear water and gravelly bottom. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. corner. |
| 80.08 | Intersect Range line 21 lks. south of corner to secs. 1, 6, 7 and 12. Then S. $89^{\circ} 51'$ W. on true line Var. 15° East. |
| 40.04 | Set sandstone 16x10x6 for $\frac{1}{4}$ sec. corner as per instructions. |
| 80.08 | Corner to secs. 1, 2, 11 and 12. Surface rolling. Prairie. Soil 1st and 2nd rate. |

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

Chains.

North on random between secs. 1 and 2.

Var. 15° East.

40.00 Set tempoary $\frac{1}{4}$ sec. corner.

80.20 Intersect Township line 20 lks. west of corner
to secs. 1, 2, 35 and 36.

Then S. 9' W. on true line.

Var. 15° E.

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

80.20 Corner to secs. 1, 6, 7 and 12.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 34 and 35.

Var. 15° 05' E.

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

80.00 Set granite 12x12x6 marked as per instructions
for the corner to secs. 26, 27, 34 and 35.

Surface rolling. Prairie.

Soil 2nd rate.

East on random between secs. 26 and 35.

Var. 15° 05' East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

79.70 Intersect sec. line 20 links south of corner to
secs. 25, 26, 35 and 36.

Then S. 89° 51' W. on true line.

Var. 15° 05' East.

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

79.70 Corner to secs. 26, 27, 34 and 35.

Surface rolling. Prairie. Soil 2nd rate.

Field Notes of the Subdivision Lines of Township No. 14 North, Range 5 West of the N.S.M. BOOK 1951

Chains.

North between secs. 26 and 27.

Var. 15° 05' East.

25.10 Dry bed of creek, 15 lks. wide, course east.

40.00 Set sandstone 15x14x3 for 1/4 sec. corner as per instructions.

80.00 Set sandstone 16x13x3 marked as per instructions for the corner to secs. 22, 23, 26 and 27.
Surface rolling. Prairie.
Soil 2nd rate.

East on random between secs. 23 and 26.

Var. 15° 05' East.

40.00 Set temporary 1/4 sec. corner.

79.86 Intersect sec. line 16 links south of corner to secs. 23, 24, 25 and 26.

Then S. 89° 53' E. on true line.

Var. 15° 05' East.

39.93 Set sandstone 14x13x3 for 1/4 sec. corner as per instructions.

79.86 Corner to secs. 22, 23, 26 and 27.

Surface broken. Prairie.
Soil 2nd rate,

North between secs. 22 and 23.

Var. 15° 05' East.

40.00 Set sandstone 16x14x3 for 1/4 sec. corner as per instructions.

80.00 Set sandstone 24x16x3 marked as per instructions for the corner to sections 14, 15, 22 and 23.

Surface broken. Prairie.
Soil 2nd rate.

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Field Notes of the Subdivision Lines of Township No. 14 North, Range 5 West of the N. S. M.

Chains.

East on random between secs. 14 and 23.
Var. 15° 05' East.

- 40.00 Set temporary 1/4 sec. corner.
- 80.16 Intersect section line 10 lks. north of corner to secs. 13, 14, 23 and 24.
Then N. 89° 56' W. on true line.
Var. 15° 05' East.
- 40.08 Set sandstone 20x18x2 for 1/4 sec. corner as per instructions.
- 80.16 Corner to sections 14, 15, 22 and 23.
Surface broken. Prairie.
Soil 2nd rate.

North between secs. 14 and 15.
Var. 15° 05' East.

- 14.50 Dry bed of creek, 20 links wide, course N. E.
- 40.00 Set charred post, built mound and dug pits for 1/4 sec. corner as per instructions.
- 80.00 Set sandstone 18x12x5 marked as per instructions for the corner to secs. 10, 11, 14 and 15.
Surface broken. Prairie.
Soil 2nd rate.

East on random between secs. 11 and 14.
Var. 15° 05' East.

- 40.00 Set temporary 1/4 sec. corner.
- 54.50 Enter river bottom, bears N. and South.
- 59.00 Enter cottonwood timber, bears north and south.
- 61.15 Rio San Juan, course North.
- 65.50 Leave same; low banks; gravelly bottom, and rapid current.
- 66.50 Leave cottonwood timber.
- 80.10 Intersect sec. line 20 lks. north of corner to

Chains.

secs. 11, 12, 13 and 14.

BOOK 1951

Then N. 89° 51' W. on true line.

Var. 15° 05' East.

40.05 Set sandstone 16x12x5 for $\frac{1}{4}$ sec. corner as per instructions.

80.10 Corner to secs. 10, 11, 14 and 15.

Surface rolling. Prairie.

Soil 2nd rate.

East on random between secs. 11 and 14.

Var. 15° 05' East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

54.50 Enter river bottom, bears N. and south.

59.00 Enter cottonwood timber, bears north and south.

61.15 Rio San Juan, course north.

65.50 Leave same; low banks; gravelly bottom; and rapid current.

66.50 Leave cottonwood timber.

80.10 Intersect sec. line 20 links north of corner to secs. 11, 12, 13 and 14.

Then N. 89° 51' W. on true line.

Var. 15° 05' East.

40.05 Set sandstone 16x12x5 for $\frac{1}{4}$ sec. corner as per instructions.

80.10 Corner to secs. 10, 11, 14 and 15.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 10 and 11.

Var. 15° 05' East.

40.00 Set sandstone 14x8x8 for $\frac{1}{4}$ sec. cor. as per instructions.

80.00 Set sandstone 12x10x8 marked as per instructions for the corner to secs. 2, 3, 10 and 11.

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Field Notes of the Subdivision Lines of Township
14 N. Range 5 West of the N. S. Meridian.

Chains.

Surface broken. Prairie.
Soil 2nd rate.

East on random between secs. 2 and 11.
Var. 15° 05' East.

- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 66.50 Enter river bottom, bears E. and W.
- 80.00 Intersect sec. line 12 lks. south of corner to sections 1, 2, 11 and 12.
Then S. 89° 55' W. on true line.
Var. 15° 05' East.

- 40.00 Set sandstone 18x14x3 for $\frac{1}{4}$ sec. corner as per instructions.
 - 80.00 Corner to secs. 2, 3, 10 and 11.
Surface rolling. Prairie.
Soil 2nd rate.
-

North between secs. 33 and 34.
Var. 15° 05' East.

- 40.00 Set sandstone 17x9x6 for $\frac{1}{4}$ sec. corner as per instructions.
 - 80.00 Set sandstone 24x12x2 marked as per instructions for the corner to secs. 27, 28, 33 and 34.
Surface broken. Prairie.
Soil 2nd rate.
-

East on random between secs. 27 and 34.
Var. 15° 05' East.

- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 80.24 Intersect sec. line 18 links north of corner to secs. 26, 27, 34 and 35.
Then N. 89° 52' W. on true line.
Var. 15° 05' East.

Field Notes of the Subdivision Lines of Township
14 North, Range 5 West of the N. S. Meridian.

BOOK 1951

Chains.

40.12 Set sandstone 18x14x3 for 1/4 sec. corner as per instructions.

80.24 Corner to secs. 27, 28, 33 and 34.

Surface broken. Prairie.

Soil 2nd rate.

North between secs. 27 and 28.

Var. 15° 15' East.

40.00 Set sandstone 12x9x9 for 1/4 sec. corner as per instructions.

51.60 Dry bed of creek 20 lks. wide, course N.E.

80.00 Set sandstone 14x10x5 marked as per instructions for the corner to secs. 21, 22, 27 and 28.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 22 and 27.

Var. 15° 05' East.

30.00 Dry creek, 20 lks. wide, course N.

40.00 Set temporary 1/4 sec. corner.

80.30 Intersect sec. line 25 links north of corner to secs. 22, 23, 26 and 27.

Then N. 89° 49' W. on true line.

Var. 15° 05' East.

40.15 Set sandstone 12x12x7 for 1/4 sec. corner as per instructions.

80.30 Corner to secs. 21, 22, 27 and 28.

Surface broken. Prairie.

Soil 2nd rate.

Field Notes of the Subdivision Lines of Township
14 North, Range 5 West of the N. S. Meridian.

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BOOK 1951

Chains.

North between secs. 21 and 22.

Var. 15° 05' East.

40.00 Set sandstone 16x12x3 for 1/4 sec. corner as per instructions.

80.00 Set sandstone 12x12x5 marked as per instructions for the corner to secs. 15, 16, 21 and 22.

East on random between secs. 15 and 22.

Var. 15° 05' East.

40.00 Set temporary 1/4 sec. corner.

68.50 Dry bed of creek, 20 lks. wide, course N.E.

80.16 Intersect section line 12 lks. North of corner to secs. 14, 15, 22 and 23.

Then N. 89° 55' W. on true line.

Var. 15° 05' East.

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

80.16 Corner to sections 15, 16, 21 and 22.

Surface broken. Prairie.

Soil 2nd rate.

North between secs. 15 and 16.

Var. 15° 05' East.

19.17 Ravine 60 links wide, course E.

40.00 Set sandstone 16x12x3 for 1/4 sec. corner as per instructions.

80.00 Set sandstone 18x12x3 marked as per instructions for the corner to secs. 9, 10, 15 and 16.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 10 and 15.

Field Notes of the Subdivision Lines of Township
14 North, Range 5 West of the N. S. Meridian.

BOOK 1951

Chains.

Var. 15° 05' East.

40.00 Set temporary 1/4 sec. corner.

79.80 Intersect sec. line 17 links south of corner
to secs. 10, 11, 14 and 15.

Then S. 89°53' W. on true line.

Var. 15° 05' East.

39.90 Set sandstone 16x14x4 for 1/4 sec. corner as per
instructions.

79.80 Corner to secs. 9, 10, 15 and 16.

Surface broken. Prairie.

Soil 2nd rate.

North between secs. 9 and 10.

Var. 15° 05' E.

40.00 Set sandstone 14x14x4 for 1/4 sec. corner as
per instructions.

80.00 Set sandstone 18x16x3 marked as per instruc-
tions for the corner to secs. 3, 4, 9 and 10.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 3 and 10.

Var. 15° 05' East.

40.00 Set temporary 1/4 sec. corner.

79.65 Intersect sec. line 30 lks. south of corner to
secs. 2, 3, 10 and 11.

Then S. 89° 47' W. on true line.

Var. 15° 05' East.

39.82 1/2 Set sandstone 16x13x3 for 1/4 sec. cor. as per
instructions.

79.65 Corner to secs. 3, 4, 9 and 10.

Surface broken. Prairie.

Soil 3rd rate. Balance of line North not run.

Rough and mountainous.

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BOOK 1951

Field Notes of the Subdivision Lines of Township
14 North, Range 5 West of the Navajo Special Meridian.

| Chains. | |
|---------|--|
| | <p>North between secs. 32 and 33. Var. 15° 10' E.</p> |
| 40.00 | Set sandstone 16x14x5 for 1/4 sec. corner as per instructions. |
| 80.00 | <p>Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for the corner to secs. 28, 29, 32 and 33.</p> <p>Surface rolling. Prairie. Soil 2nd rate.</p> <hr/> |
| | <p>East on random between secs. 28 and 33. Var. 15° 10' East.</p> |
| 40.00 | Set temporary 1/4 sec. corner. |
| 79.80 | <p>Intersect sec. line 25 lks. south of corner to sections 27, 28, 33 and 34.</p> <p>Then S. 89° 49' W. on true line. Var. 15° 10' East.</p> |
| 39.90 | Set sandstone 16x12x3 for 1/4 sec. corner as per instructions. |
| 79.80 | <p>Corner to secs. 28, 29, 32 and 33.</p> <p>Surface broken. Prairie. Soil 3rd rate.</p> <hr/> |
| | <p>North between secs. 28 and 29. Var. 15° 10' East.</p> |
| 40.00 | Set sandstone 15x12x3 for 1/4 sec. corner as per instructions. |
| 80.00 | <p>Set sandstone 16x14x3 marked as per instructions for the corner to secs. 20, 21, 28 and 29</p> <p>Surface broken. Prairie. Soil 3rd rate.</p> <hr/> |

Field Notes of the Subdivision Lines of Township

No. 14 North, Range 5 West of the Navajo Special Meridian

Chains.

East on random between secs. 21 and 28.

BOOK 1951

Var. 15° 10' East.

40.00 Set temporary 1/4 sec. corner.

79.86 Intersect sec. line 18 links south of corner to secs. 21, 22, 27, and 28.

Ten S. 89° 52' W. on true line.

Var. 15° 10' East.

39.93 Set sandstone 12x10x8 for 1/4 sec. corner as per instructions.

79.86 Corner to secs. 20, 21, 28 and 29.

Surface broken. Prairie.

Soil 3rd rate.

North between secs. 20 and 21.

Var. 15° 10' E.

40.00 Set sandstone 16x12x4 for 1/4 sec. corner as per instructions.

69.10 Dry bed of creek, 28 lks. wide, course N.E.

80.00 Set sandstone 14x12x5 marked as per instructions for the corner to secs. 16, 17, 20 and 21.

Surface broken. Prairie.

Soil 3rd rate.

East on random between secs. 16 and 21.

Var. 15° 10' East.

18.50 Dry bed of creek, 30 lks. wide, course north.

40.00 Set temporary 1/4 sec. corner.

52.00 Dry bed of creek, 25 lks. wide, course north.

80.15 Intersect sec. line 20 lks. North of corner to secs. 15, 16, 21 and 22.

Then N. 89° 51' W. on true line.

BOOK 1951
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Chains.

Var. 15° 10' East.

40.07½ Set sandstone 18x16x4 for ¼ sec. corner as per instructions.

80.15 Corner to secs. 16, 17, 20 and 21.

Surface broken. Prairie.

Soil 3rd rate.

North between secs. 16 and 17.

Var. 15° 10' East.

16.80 Dry bed of creek, 25 lks. wide, course east.

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

80.00 Set sandstone 14x12x4 marked as per instructions for the corner to secs. 8, 9, 16 and 17.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 9 and 16.

Var. 15° 10' East.

40.00 Set temporary ¼ sec. corner.

80.30 Intersect sec. line 25 lks. north of corner to secs. 9, 10, 15 and 16.

Then N. 89° 49' W. on true line.

Var. 15° 10' East.

40.15 Set sandstone 15x13x3 for ¼ sec. corner as per instructions.

80.30 Corner to secs. 8, 9, 16 and 17.

Surface, broken. Prairie.

Soil 3rd rate.

North between secs. 8 and 9.

Var. 15° East.

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Field Notes of the Subdivision of Township 14
North Range 5 West of the N. S. M.

Chains.

40.00 Set sandstone 16x12x6 for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Set sandstone 14x11x4 marked ^{as per instructions for} corner to secs. 4, 5, 8 and 9.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 4 and 9.

Var. 15° 10' E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

80.12 Intersect sec. line 30 lks. north of corner to secs. 3, 4, 9 and 10.

Then N. 89° 47' W. on true line.

Var. 15° 10' East.

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

80.12 Corner to secs. 4, 5, 8 and 9.

Surface level. Prairie.

Soil 3rd rate.

North on random between secs. 4 and 5.

Var. 15° 10' East.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.30 Intersect Township line 45 links East of corner to secs. 4, 5, 32 and 33.

Then S. 21' E. on true line.

Var. 15° 10' East.

39.30 Set sandstone 16x14x5 for $\frac{1}{4}$ sec. corner as per instructions.

79.30 Corner to secs. 4, 5, 8 and 9

Surface broken. Prairie.

Soil 2nd rate.

BOOK 1951

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BOOK 1951

Field Notes of the Subdivision of Township
14 North, Range 5 West of the N. S. M.

Chains.

North between sections 31 and 32.

Var. 15° 10' East.

40.00 Set sandstone 18x14x3 for 1/4 sec. corner as per instructions.

80.00 Set sandstone 16x14x3 marked as per instructions, for the corner to secs. 29, 30, 31 and 32.

Surface broken. Prairie.

Soil 2nd rate.

East on random between secs. 29 and 32.

Var. 15° 10' East.

40.00 Set temporary 1/4 sec. corner.

80.16 Intersect sec. line 25 lks. north of corner to secs. 28, 29, 32 and 33.

Then N. 89° 49' W. on true line.

Var. 15° 10' East.

40.08 Set sandstone 13x8x8 for 1/4 sec. corner as per instructions.

80.16 Corner to secs. 29, 30, 31 and 32.

Surface broken. Prairie.

Soil 2nd rate.

West on random between secs. 30 and 31.

Var. 15° East.

40.00 Set temporary 1/4 sec. corner.

78.10 Intersect Range line 20 links north of corner to secs. 25, 30, 31 and 36.

Then N. 89° 51' E. on true line.

Var. 15° East.

38.10 Set sandstone 16x12x3 for 1/4 sec. corner as per instructions.

78.10 Intersect range line 20 links north of corner

Chains.

~~sections 25, 30, 31, and 36.~~

BOOK 1951

Then N. 89° 51' E. on true line.

Var. 15° East.

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

78.10 Corner to secs. 29, 30, 31 and 32.
Surface rolling. Prairie.
Soil 2nd rate.

North between secs. 29 and 30.

Var. 15° E.

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

80.00 Set sandstone 14x10x8 marked as per instructions for the corner to secs. 19, 20, 29 and 30.

Surface broken. Prairie.

Soil 2nd rate.

o

East on random between secs. 20 and 29.

Var. 15° East.

25.20 Dry bed of creek, 15 lks. wide, course N.E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

80.24 Intersect sec. line 15 lks. North of corner to secs. 20, 21, 28 and 29.

Then N. 89° 53' W. on true line.

Var. 15° East.

40.12 Set sandstone 13x10x4 for $\frac{1}{4}$ sec. corner as per instructions.

80.24 Corner to secs. 19, 20, 29 and 30.

Surface broken. Prairie.

Soil 2nd rate.

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BOOK 1951

Chain s.

West on random between secs. 19 and 30.

Var. 15° East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

78.14 Intersect Range line 18 links North of corner to secs. 19, 24, 25 and 30.

Then N. 89° 52' E. on true line.

Var. 15° East.

38.14 Set sandstone 15x12x3 for $\frac{1}{4}$ sec. corner as per instructions.

78.14 Corner to secs. 19, 20, 29 and 30.

Surface broken. Prairie.

Soil 2nd rate.

North between secs. 19 and 20.

Var. 15° East.

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

80.00 Set sandstone 15x14x4 marked as per instructions, for the corner to secs. 17, 18, 19 and 20.

Surface rolling. Prairie.

Soil 2nd rate.

East on random between secs. 17 and 20.

Var. 15° East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

79.76 Intersect sec. line 12 lks. south of corner to secs. 16, 17, 20 and 21.

Then S. 89° 55' W. on true line.

Var. 15° East.

39.88 Set sandstone 16x12x5 for $\frac{1}{4}$ sec. corner as per instructions.

Chains.

79.76

Corner to secs. 17, 18, 19 and 20.

Surface broken. Prairie.

Soil 2nd rate.

BOOK 1951

West on random between secs. 18 and 19.

Var. 15° East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

77.80 Intersect range line 16 lks. south of corner to
secs. 13, 18, 19 and 24.

Then S. 89° 53' E. on true line.

Var. 15° East.

37.80 Conglomerate 16x12x5 for $\frac{1}{4}$ sec. corner as per
instructions.

77.80 Corner to secs. 17, 18, 19 and 20.

Surface rolling. Prairie.

Soil 2nd rate.

North between secs. 17 and 18.

Var. 15° East.

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

80.00 Set sandstone 16x12x5 marked as per instruc-
tions, for the corner to secs. 7, 8, 17 and 18.

Surface rolling. Prairie.

Soil 2nd rate.

East on random between secs. 8 and 17.

Var. 15° E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.

79.76 Intersect sec. line 25 lks. south of corner
to secs. 8, 9, 16 and 17.

Then S. 89° 49' W. on true line.

Var. 15° East.

BOOK

Chains.

39.88 Set granite 18x12x6 for 1/4 sec. corner as per instructions.

79.76 Corner to secs. 7, 8, 17 and 18.
Surface broken. Prairie.
Soil 2nd rate.

West on random between secs. 7 and 18.
Var. 15° East.

40.00 Set temporary 1/4 sec. corner.

77.70 Intersect Range line 25 lks. south of corner to secs. 7, 12, 13 and 18.

Then S. 89° 49' E. on true line.
Var. 15° East.

37.70 Set sandstone 15x12x3 for 1/4 sec. corner as per instructions.

77.70 Corner to secs. 7, 8, 17 and 18.
Surface broken. Prairie.
Soil 2nd rate.

North between secs. 7 and 8.
Var. 15° East.

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

80.00 Set sandstone 15x12x3 marked as per instructions for the corner to secs. 5, 6, 7 and 8.
Surface broken. Prairie. Soil 2nd rate.

East on random between secs. 5 and 8.
Var. 15° East.

40.00 Set temporary 1/4 sec. corner.

79.85 Intersect sec. line 35 lks. south of corner to secs. 4, 5, 8 and 9.

Then S. 89° 45' W. on true line.

Chains.

Var. 15° East.

BOOK 1951

39.92½ Set sandstone 16x10x4 for ¼ sec. corner as per instructions.

79.85 Corner to secs. 5, 6, 7 and 8.
Surface broken. Prairie.
Soil 3rd rate.

West on random between secs. 6 and 7.

Var. 15° East.

40.00 Set temporary ¼ sec. corner.

77.60 Intersect range line 35 lks. south of corner to secs. 1, 6, 7 and 12.

Then S. 89° 45' E. on true line.

Var. 15° East.

37.60 Set sandstone 14x13x3 for ¼ sec. corner as per instructions.

77.60 Corner to secs. 5, 6, 7 and 8.
Surface broken. Prairie.
Soil 2nd rate.

North on random between sections 5 and 6.

Var. 15° East.

40.00 Set temporary ¼ sec. corner.

79.80 Intersect Township line 30 lks. East of corner to secs. 5, 6, 31 and 32.

Then S. 13' E. on true line.

Var. 15° East.

39.80 Set sandstone 13x12x5 for ¼ sec. corner, as per instructions.

79.80 Corner to secs. 5, 6, 7 and 8.

GENERAL DESCRIPTION

of

Township 14 North Range 5 West of the Navajo
Special Meridian.

This Township is nearly all prairie, sur-
face generally rolling and broken. It is well
adapted to grazing purposes and large portions
of it to farming.

The "San Juan" is particularly well adap-
ted to agricultural purposes. The River aver-
ages about 3.50 chs.; low banks; gravelly bot-
tom; clear water and rapid current about 4
feet deep.

I, Ehud N. Darling U. S. Surveyor, do solemnly swear that in pursuance of a contract with Hon. Jos. S. Wilson, Commissioner of the General Land Office of the United States, bearing date, Washington D. C. April 29th, 1869 and subsequent Special Instructions, and in strict conformity to the laws of the United States, and instructions furnished by said Commissioner of the General Land Office of the United States, I have faithfully subdivided Township 14 North, Ranges * * * * * 5 West, Township 13 North, Range * * * 5 west, * * * * * of the Navajo Special Meridian, in the Territories of New Mexico, ^{and} Arizona, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Ehud N. Darling,
U. S. Surveyor.

Subscribed by said Ehud N. Darling, U. S. Surveyor, and sworn to before me, this 11th day of May, at Washington D.C.

Wm. Martin, J. P.
