

Navajo Indian Reservation

1946

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1946

FIELD NOTES

OF THE SURVEY OF THE

~~MERIDIAN LINES~~

— OF — *the*

Subdivision lines of

Township 11 North, Range 5 West.

1946

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

ARIZONA,

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

Under contract dated *April 29 - 1869, 188*

Survey commenced *Jan 25 - 1870, 188*

Survey Completed *Feb 5 - 1870, 188*

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FIELD NOTES

_____ of the _____
SUBDIVISION LINES OF TOWNSHIPS 10 AND 11 NORTH,
_____ RANGE NO. 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
dated, Washington D. C., April 29th, 1869, and
Subsequent Special Instructions. _____

_____ Survey of- _____
Township 10 North, Range 5 West, _____

Commenced January 25th,1870.

And Completed January 31st,1870.

and survey of-

SUBDIVISION LINES OF TWP. 11 NORTH RANGE 5 WEST
of the _____

NAVAJO SPECIAL MERIDIAN, _____

Commenced Feb. 1st, and Completed Feb. 5th, 1870.

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

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Willard S. Paul.....Compassman.

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

Albert C. Darling, }
William Hare, }.....Cornermen.

Measuring Chain compared with Standard and found correct.

Measuring Chain compared with the Standard as per Manual -
Instructions.

I N D E X.

Subd'n T. 10 N. R. 5 West of Navajo Special Meridian in N. Mex.								Subd'n T. 11 N. R. 5 West of Navajo Special Mer. in N. Mex.																																				
6	25	5	19	4	15	3	10	2	6	1	6	48	5	42	4	38	3	34	2	30	1																							
24	24	18	14	10	6	2	1	48	48	42	38	34	30	26	22	18	14	10	6	2	1																							
7	24	8	18	9	14	10	10	11	5	12	47	8	41	9	37	10	34	11	30	12	46	5	40	3	36	2	32	1	28															
23	23	17	13	9	5	1	1	47	46	41	37	33	29	25	21	17	13	9	5	1	1	46	45	40	36	32	28	24	20	16	12	8	4											
18	25	17	17	16	13	15	9	14	5	13	46	17	40	16	36	15	33	14	29	13	45	20	40	21	36	22	32	23	24	44	29	39	28	35	27	31	26	27	25					
22	22	17	13	8	4	1	1	46	45	40	36	32	28	24	20	16	12	8	4	1	45	44	39	36	32	28	24	20	16	12	8	4	1	1	44	39	35	27	31	26	27	25		
19	21	20	17	21	12	22	8	23	4	24	45	20	40	21	36	22	32	23	24	44	29	39	28	35	27	31	26	27	25	43	43	39	35	31	27	25	43	32	38	33	35	31	27	25
21	21	16	12	8	4	1	1	45	44	39	36	32	28	24	20	16	12	8	4	44	39	35	27	31	26	27	25	43	43	39	35	31	27	25	43	32	38	33	35	31	27	25		
30	20	29	16	28	12	27	7	26	3	25	43	29	39	28	35	27	31	26	27	25	42	32	38	33	35	31	27	25	41	43	39	35	31	27	25	41	32	38	33	35	31	27	25	
20	19	15	11	7	3	1	1	43	43	39	35	31	27	25	41	32	38	33	35	31	27	25	41	32	38	33	35	31	27	25	41	32	38	33	35	31	27	25						
31	19	32	15	33	11	34	7	35	3	36	42	32	38	33	35	31	27	25	41	32	38	33	35	31	27	25	40	43	39	35	31	27	25	40	32	38	33	35	31	27	25			

Chains.

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North between se cs. 35 and 36.

Var. 14° East.

40.00 Set sandstone 18x16x5 for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Set sandstone 18x17x3 marked as per instructions for the corner to secs. 25, 26, 35 and 36
 Land broken.
 Soil 2nd rate. Prairie.

East on random between secs. 25 and 36.

Var. 14° East.

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

65.00 Enter timber.

77.60 Intersect Range line 18 lks. North of corner to secs. 25, 30, 31 and 36.

Then N. 89° 52' West on true line.

Var. same.

38.80 Set sandstone 12x10x4 for $\frac{1}{4}$ sec. corner as per instructions.

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

Land rolling.

Soil 2nd rate prairie and scattering piñon timber.

North between secs. 25 and 26

Var. 14° East.

40.00 Set sandstone 14x18x3 for $\frac{1}{4}$ sec. corner as per instructions..

80.00 Set sandstone 36x24x3 marked as per instructions for corner to secs. 23, 24, 25 and 26.
 Land broken.

Soil 2nd rate. Prairie.

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

Chains.

East on random between secs. 24 and 25.

Var. 14° E.

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

79.75 Intersect Range Line 12 lks. south of corner
to secs. 19, 24, 25 and 30.

Then S. 89° 55' West on true line.

Var. same.

39.87 $\frac{1}{2}$ Set sandstone 15x12x3 for $\frac{1}{4}$ sec. corner as per
instructions.

79.75 Corner to secs. 23, 24, 25 and 26.

Land broken.

Soil 2nd rate. Prairie.

Jan, 25th, 1870.

North between secs. 23 and 24.

Var. 14° East.

40.00 Set sandstone 15x10x5 for $\frac{1}{4}$ sec. corner as per
instructions.

72.50 Enter timber 3 chains wide, bears N. E.

80.00 Set sandstone 16x12x5 marked per instructions
for corner to secs. 13, 14, 23 and 24.

Land broken.

Soil 2nd rate. Prairie.

East on random between secs. 13 and 24.

Var. 14° East.

31.65 Enter timber 4 chains wide, N.E.

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

78.85 Intersect Range line 18 lks. North of corner to
secs. 13, 18, 19 and 24.

Then N. 89° 52' West on true line .

Var. same.

Chains.

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39.47½ Set sandstone 17x11x3 for ¼ sec. corner as per instructions.

78.85 Corner to secs. 13, 14, 23 and 24.
Land rolling.
Soil 2nd rate. Prairie.

North between secs. 13 and 14.

Var. 14° E.

40.00 Set charred post, built mound and dug pits as per instructions.

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for cor. to secs. 11, 12, 13 and 14.
Land level.
Soil 1st rate. Prairie.

East on random between secs. 12 and 13.

Var. 14° E.

20.50 Creek, course north 12 lks. wide.

40.00 Set temporary ¼ sec. corner.

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

Then S. 89° 52' West on true line.

Var. same.

40.10 Set sandstone 16x11x3 for ¼ sec. corner as per instructions.

80.20 Corner to secs. 11, 12, 13 and 14.
Land broken.
Soil 1st rate. Prairie.

North between secs. 11 and 12.

Var. 14° E.

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Field Notes of the Subdivision Lines of Township
10 North, Range 5 West of the Navajo Special M.

Chains

- 36.00 Creek, course N.E. 20 lks. wide.
39.80 Enter timber, scattering piñon about 2 chs;
thence west.
40.00 Set sandstone 14x10x4 for $\frac{1}{4}$ sec. corner as per
instructions.
80.00 Set sandstone 17x9x6 marked as per instructions
for corner to secs. 1, 2, 11 and 12.
Land broken.
Soil 2nd rate.
Prairie.

East on random between secs. 1 and 12.
Var. 14° East.

- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
80.25 Intersect Range line 24 links south of corner
to sections 1, 6, 7 and 12.
Then S. 89° 49' West on true line.
Var. same.
40.12 $\frac{1}{2}$ Set sandstone 15x11x4 for $\frac{1}{4}$ sec. corner as per
instructions.
80.25 Corner to secs. 1, 2, 11 and 12.
Land broken.
Soil 2nd rate. Prairie.

North on true line between secs. 1 and 2.
Var. 14° East.

- 40.00 Set sandstone 16x10x5 for $\frac{1}{4}$ sec. corner as per
instructions.
65.00 Creek 42 lks. wide, course N.E.
77.74 Intersect 2nd Standard Parallel 12.85 chains
East of Standard corner to secs. 35 and
36, Township 11 N. Range 5 West.
Set sandstone 24x10x4 marked C. C. for

Chains.

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closing corner to secs. 1 and 2.

Surface rolling.

Soil 1st and 2nd rate. Prairie.

Jan. 26, 1870.

North between secs. 34 and 35.

Var. 14° East.

40.00 Set sandstone 16x14x3 for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Set sandstone 18x11x5 marked per instructions for corner to secs. 26, 27, 34 and 35.

Land rolling.

Soil 2nd rate. Prairie.

East on random ~~line~~ between secs. 26 and 35.

Var. 14° East.

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

80.20 Intersect sec. line 28 links south of corner to secs. 25, 26, 35 and 36.

, Then S. 89° 48' West on true line.

Var. same.

40.10 Set sandstone 16x13x4 for $\frac{1}{4}$ sec. corner as per instructions.

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

Land rolling.

Soil 2nd rate. Prairie.

North between secs. 26 and 27

Var. 14° East.

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

80.00 Set sandstone 24x12x3 marked as per instructions,

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Chains.

for corner to secs. 22, 23, 26 and 27.

Land broken.

Soil 2nd rate. Prairie.

 East on random between secs. 23 and 26

Var. 14° East.

40.00 Set temporary $\frac{1}{4}$ sec. corner.80.25 Intersect section line 16 lks. south of corner
to secs. 23, 24, 25 and 26.

Then S. 89° 53' West on true line.

Var. same.

40.12 $\frac{1}{2}$ Set sandstone 12x10x7 for $\frac{1}{4}$ sec. corner as per
instructions.

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

Land broken.

Soil 2nd rate. Prairie.

 North between secs. 22 and 23.

Var. 14° East.

39.50 Enter timber, bears East and West.

40.00 Set charred post, built mound and dug for $\frac{1}{4}$ sec
corner as per instructions.44.00 Leave scattering piñon timber, bears East and
west.80.00 Deposited marked stone set charred post, mark-
ed, built mound and dug pits as per instructions
for corner to secs. 14, 15, 22 and 23.

Land broken.

Soil 2nd rate. Prairie.

 East on random between secs. 14 and 23

Var. 14° 05' East.

16.00 Creek, course N. W. 11 lks. wide.

Chains.
40.00 Set temporary $\frac{1}{4}$ sec. corner.
80.30 Intersect sec. line 24 lks. south of corner to
secs. 13, 14, 23 and 24.
Then S. $89^{\circ} 49'$ West on true line.
Var. same.
40.15 Set sandstone 13x10x5 for $\frac{1}{4}$ sec. corner as per
instructions.
80.30 Corner to secs. 14, 15, 22 and 23.
Land level.
Soil 1st rate. Prairie.

North between secs. 14 and 15.
Var. $14^{\circ} 10'$ E.

12.30 Creek, course N.W. 20 lks. wide.
40.00 Set charred post, built mound and dug pits for
 $\frac{1}{4}$ sec. corner as per instructions.
80.00 Deposited marked stone, set charred post, mark-
ed built mound and dug pits as per instructions
for the corner to secs. 10, 11, 14 and 15.
Land level.
Soil 1st rate. Prairie.

East in random between secs. 11 and
14.
Var. $14^{\circ} 10'$ E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.
79.85 Intersect sec. line 15 lks. north of corner to
secs. 11, 12, 13 and 14.
Then N. $89^{\circ} 53'$ West on true line.
Var. same.
39.92 $\frac{1}{2}$ Set sandstone 13x10x4 for $\frac{1}{4}$ sec. corner as
per instructions.

Chains.

79.85 Corner to secs. 10, 11, 14 and 15.
Land rolling.
Soil 1st rate. Prairie.

North between secs. 10 and 11.
Var. 14° 10' East.

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

80.00 Deposited marked stone, set charred post, marked,
built mound and dug pits as per instructions
for corner to secs. 2, 3, 10 and 11.
Land level.
Soil 1st rate. Prairie.

East on random between secs. 2 and 11.
Var. 14° 10' E.

40.00 Set temporary ¼ sec. corner.

76.65 Enter timber, bears north and south.

77.00 Creek, course north 31 links wide, leave tim-
ber.

79.75 Intersect sec. line 20 lks. north of corner to
secs. 1, 2, 11 and 12.

Then N. 89° 51' West on true line.
Var. same.

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

79.75 Corner to secs. 2, 3, 10 and 11.
Land level.
Soil 1st rate. Prairie.

North on true line between secs. 2 and 3.
Var. 14° 15' East.

40.00 Set charred post, built mound and dug pits for

Chains.	$\frac{1}{4}$ sec. cor. as per instructions.
77.68	Intersect 2nd Standard Parallel 12.60 chains East of corner to sections 34 and 35, Township 11 North, Range 5 West. Deposited marked stone, set charred post, built mound and dug pits as per instructions for closing corner. Land level. Soil 1st rate. Prairie. <hr/> Jan. 27th, 1870. <hr/> Measuring Chain compared with Standard and found correct. ----- North between secs. 33 and 34. Var. 14° 15' East.
40.00	Set charred post, built mound and dug pits 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 corner to secs. 27, 28, 33 and 34. Land broken. Soil 2nd rate. Prairie. <hr/> East on random between secs. 27 and 34. Var. 14° 10' E.
12.20	Enter timber, bears north and east.
40.00	Set temporary $\frac{1}{4}$ sec. corner.
79.60	Intersect sec. line 27 links north of corner to secs. 26, 27, 34 and 35. Then N. 89° 48' West on true line. Var. same.
39.80	Set sandstone 16x12x3 for $\frac{1}{4}$ sec. corner as per instructions.
79.60	Corner to secs. 27, 28, 33 and 34.

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Field notes of the subdivision lines of Township
10 North, Range 5 West of the Navajo Special M.

Chains.

Land rolling.
Soil 2nd rate. Prairie.

North between secs. 27 and 28.
Var. $14^{\circ} 10'$ E.

- 40.00 Set sandstone 14x12x5 for $\frac{1}{4}$ sec. corner as per instructions.
- 68.30 Enter timber, bears N. E. about 4 chains through.
- 80.00 Set sandstone 16x14x3 marked as per instructions for corner to secs. 21, 22, 27 and 28.
Land rolling.
Soil 2nd rate. Prairie.
-

East on random between secs. 22 and 27.
Var. 14° East.

- 17.00 Enter timber, bears N. East.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 79.85 Intersect sec. line 20 links North of corner to secs. 22, 23, 26 and 27.
Then N. $89^{\circ} 51'$ West on true line.
Var. same.
- 39.92 $\frac{1}{2}$ Set sandstone 15x14x4 for $\frac{1}{4}$ sec. corner as per instructions.
- 79.85 Corner to secs. 21, 22, 27 and 28.
Land broken.
Soil 2nd rate. Prairie.
-

North between secs. 21 and 22.
Var. $14^{\circ} 10'$ E.

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

Chains.

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built mound and dug pits as per instructions,
for corner to secs. 15, 16, 21 and 22.
Land level.
Soil 1st rate. Prairie.

East on random line between secs. 15 and
22.

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

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

80.30 Intersect sec. line 16 links south of corner to
secs. 14, 15, 22 and 23.

Then S. $89^{\circ} 53'$ West on true line.

Var. same.

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

80.30 Corner to secs. 15, 16, 21 and 22.

Land level.

Soil 1st rate. Prairie.

North between secs. 15 and 16.

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

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

68.00 Dry creek, course West 33 lks. wide.

80.00 Set sandstone 14x12x3 marked as per instructions
for corner to secs. 9, 10, 15 and 16.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 10 and
15.

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

12.90 Dry creek, course south 29 lks. wide.

Chains.

- 39.85 Dry creek, course N. W. 35 lks. wide.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 79.80 Intersect sec. line 30 lks. south of corner to
secs. 10, 11, 14 and 15.
Then S. $89^{\circ} 47'$ West on true line.
Var. same.
- 39.90 Set sandstone 12x8x6 for $\frac{1}{4}$ sec. corner as per
instructions.
- 79.80 Corner to secs. 9, 10, 15 and 16.
Land level.
So il 1st rate. Prairie.

- North between secs. 9 and 10.
Var. $14^{\circ} 15'$ E.
- 40.00 Set charred post, built mound and dug pits for
 $\frac{1}{4}$ sec. corner as per instructions.
- 80.00 Deposited marked stone, set charred post, mark-
ed, built mound and dug pits for corner to
secs. 3, 4, 9 and 10 as per instructions.
Land level.
Soil 1st rate. Prairie.

- East on random between secs. 3 and 10.
Var. $14^{\circ} 15'$ E.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 80.30 Intersect sec. line 25 lks. north of corner to
secs. 2, 3, 10 and 11.
Then N. $89^{\circ} 49'$ West on true line.
Var. same.
- 4015 Set charred post, built mound and dug pits for
 $\frac{1}{4}$ sec. cor. as per instructions.
- 80.30 Corner to secs. 3, 4, 9 and 10.
Land level.

Chains.

Soil 1st rate. Prairie. BOOK 1946

North on true line between secs. 3 and 4.

Var. 14° 15' E.

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

77.95 Intersect 2nd Standard Parallel, 12.75 chains East of Standard Cor. to secs. 33, and 34 Township 11 North Range 5 West.

Deposited marked stone, set charred post built mound, dug pits per instructions for closing corner.

Surface rolling.

Soil 1st rate. Prairie.

Jan. 28, 1870.

North between secs. 32 and 33.

Var. 14° 05' East.

40.00 Set sandstone 14x12x4 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 corner to secs. 28, 29, 32 and 33.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 28 and 33.

Var. 14° 05' East.

40.00 Set temporary 1/4 sec. corner.

57.00 Dry creek, course north, 83 lks. wide.

79.60 Intersect sec. line 30 lks. south of corner to secs. 27, 28, 33 and 34.

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Field Notes of the Subdivision Lines of Township
10 North, Range 5 West of the Navajo Special M.

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Then S. 89° 47' West on true line.

Var. same.

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

79.60 Corner to sections 28, 29, 32 and 33.

Land level.

Soil 1st rate. Prairie.

North between secs. 28 and 29.

Var. 14° 05' E.

4000 Set charred post, built mound and dug pits for
¼ sec. corner as per instructions.

80.00 Deposited marked stone, set charred post, marked,
built mound and dug pits as per instructions
for corner to secs. 20, 21, 28 and 29.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 21 and 28.

Var. 14° 05' E.

40.00 Set temporary ¼ sec. corner.

43.00 Dry Creek, course North, 90 lks. wide.

80.35 Intersect sec. line 25 lks. north of corner
to secs. 21, 22, 27 and 28.

Then N. 89° 49' West on true line

Var. same.

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

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

Land level.

Soil 1st rate. Prairie.

Chains.

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North between secs. 20 and 21.

Var. 14° 05' East.

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

80.00 Deposited marked stone, set charred post, marked,
built mound and dug pits as per instructions
for corner to secs. 16, 17, 20 and 21.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 16 and

21

Var. 14° 10' E.

34. 50 Dry creek, course north, 88 lks. wide.

40.00 Set temporary ¼ sec. corner.

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

— N. 89° 51' West on true line .

Var. same.

40.07½ Set sandstone 15x12x5 for ¼ sec. corner as per
instructions.

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

Land level.

Soil 1st rate. Prairie.

North between secs. 16 and 17.

Var. 14° 10' E.

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

80.00 Set sandstone 17x12x3 marked per instructions
for corner to secs. 8, 9, 16 and 17.

Land level.

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Chains.

Soil 1st rate. Prairie.

East on random between secs. 9 and 16.

Var. 14° 10' East.

3.20 Dry Creek, course N. W. 9 lks. wide.

40.00 Set temporary 1/4 sec. corner.

79.70 Intersect sec. line 18 links south of corner to
secs. 9, 10, 15 and 16.

S. 89° 52' West on true line.

Var. same.

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

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

Land level.

Soil 1st rate. Prairie.

North between secs. 8 and 9.

Var. 14° 05' E.

14.30 Dry Creek course N. W. 83' chs. wide.

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

80.00 Deposited marked stone, set charred post, mark-
ed, built mound and dug pits as per instruc-
tions for corner to secs. 4, 5, 8 and 9.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 4 and 9.

Var. 14° 05' E.

40.00 Set temporary 1/4 sec. corner.

79.85 Intersect sec. line 24 lks. south of corner to
secs. 3, 4, 9 and 10.

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Chains.

Then S. 89° 49' West on true line.

Var. same.

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

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

Land level.

Soil 1st rate. Prairie.

North on true line between secs. 4 and 5.

Var. 14° 05' E.

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

78.23 Intersect 2nd Standard Parallel 12.85 chains
East of Standard corner to secs. 32 and 33,
Township 11 North Range 5 West, positive(?)
marked stone, set charred post, and built mound
for (?) instructions for closing corner to
secs. 4 and 5.

Surface level.

Soil 2nd rate. Prairie.

Jan. 29th, 1870.

North between secs. 31 and 32.

Var. 14° East.

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

80.00 Set sandstone 16x11x3 marked per instructions
for corner to secs. 29, 30, 31 and 32.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 29 and 32.

Var. 14° 05' E.

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Chains.	
40.00	Set temporary $\frac{1}{4}$ sec. corner.
79.87	Intersect sec. line 30 lks. North of corner to secs. 28, 29, 32 and 33. Then N. $89^{\circ} 47'$ West on true line. Var. same.
39.93 $\frac{1}{2}$	Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. cor. as per instructions.
79.87	Corner to secs. 29, 30, 31 and 32. Land level. Soil 1st rate. Prairie.
<hr/>	
	West on random line between secs. 30 and 31 Var. $14^{\circ} 05'$ E.
16.30	Creek, course North, 32 lks. wide,
40.00	Set temporary $\frac{1}{4}$ sec. corner.
78.30	Intersect Range line 15 lks. North of corner to secs. 25, 30, 31 and 36. Then N. $89^{\circ} 53'$ East on true line. Var. same.
38.30	Set sandstone 14x10x4 for $\frac{1}{4}$ sec. cor. as per instructions.
78.30	Corner to secs. 29, 30, 31 and 32. Land broken. Soil 1st rate. Prairie.
<hr/>	
	North between secs. 29 and 30. Var. $14^{\circ} 05'$ East.
17.90	Creek, course N. E. 43 lks. wide.
40.00	Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. cor. as per instructions.
80.00	Set sandstone 13x10x4 marked as per instruc- tions for corner to secs. 19, 20, 29 and 30. Land level. Soil 1st rate. Prairie.
<hr/>	

Chains.

East on random between secs. 20 and 29.

Var. 14° 05' E.

28.60 Creek, course North, 80 links wide.

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

79.70 Intersect sec. line 27 links south of corner
to sections 20, 21, 28 and 29.

Then S. 89° 48' West on true line.

Var. same.

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

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

Land broken.

Soil 1st rate. Prairie.

West on random between secs. 19 and 30.

Var. 14° E.

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

44.50 Creek, course N.E. 85 lks. wide.

78.20 Intersect Range line 12 lks. north of corner
to secs. 19, 24, 25 and 30.

Then N. 89° 55' East on true line.

Var. same.

38.20 Set sandstone 13x11x4 for $\frac{1}{4}$ sec. corner as per
instructions.

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

Land level.

Soil 1st rate. Prairie.

North between secs. 19 and 20.

Var. 14° 05' E.

40.00 Set sandstone 18x11x3 for $\frac{1}{4}$ sec. corner as per
instructions.

68.25 Dry Creek, course N. E. 90 lks. wide.

BOOK 1946

Chains.	
80.00	Set sandstone 20x9x3 marked as per instructions, for corner to secs. 17, 18 19 and 20. Land level. Soil 1st rate, Prairie.
<hr/> East on random between secs.17 and 20. Var. 14° 05' E.	
9.85	Creek, 25 links wide, course North.
37.84	Creek 29 lks. wide, course north.
40.00	Set temporary $\frac{1}{4}$ sec. corner.
80.15	Intersect sec. line 12 lks. north of corner to secs. 16, 17, 20 and 21. Then N. 89° 55' West, on true line. Var. same.
40.07 $\frac{1}{2}$	Set sandstone 15x12x3 for $\frac{1}{4}$ sec. corner as per instructions.
80.15	Corner to secs. 17, 18, 19 and 20. Land level. Soil 1st rate. Prairie.
<hr/> West on random between secs. 18 and 19 Var. 14° East.	
40.00	Set temporary $\frac{1}{4}$ sec. corner.
78.26	Intersect range line 15 lks. south of corner to sections 13, 18, 19 and 24. Then N.89° 53' East on true line. Var. same.
38.26	Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. corner as per instructions.
78.26	Corner to secs. 17, 18, 19 and 20. Land level. Soil 1st rate. Prairie.

Chains.

North between secs. 17 and 18.

Var. 14° East.

BOOK 1946

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

80.00 Set sandstone 16x14x4 marked as per instructions for corner to secs. 7, 8, 17 and 18.

Land level.

Soil 2nd rate. Prairie.

East on random between secs. 8 and 17.

Var. 14° East.

30.55 Creek, course north, 45 lks. wide.

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

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

Then N. 89° 49' West on true line.

Var. same.

40.15 Set sandstone 14x11x4 for $\frac{1}{4}$ sec. corner as per instructions.

80.30 corner to secs. 7, 8, 17 and 18.

Land broken.

Soil 2nd rate. Prairie.

Jan 30th, 1870.

Measuring Chain compared with Standard and adjusted.

West on random between secs. 7 and 18.

Var. 14° E.

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

78.56 Intersect Range line 28 links north of corner to secs. 7, 12, 13 and 18.

BOOK 1946

Chains.

Then N. 89° 48' East on true line.

Var. same.

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

78.56 Corner to secs. 7, 8, 17 and 18.

Land broken.

Soil 3rd rate. Prairie.

North between secs. 7 and 8.

Var. 14° East.

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

80000 Deposited marked stone set charred post, marked, built mound and dug pits as per instructions. for corner to secs. 5, 6, 7 and 8.

Land rolling.

Soil 2nd rate. Prairie.

East on random ~~line~~ between secs. 5 and 8

Var. 14° E.

28.50 Creek, course north, 90 lks. wide,

40.00 Set temporary 1/4 sec. corner.

80.20 Intersect section line 25 links north of corner to secs. 4, 5, 8 and 9.

Then N. 89° 49' West on true line.

Var. same.

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

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

Land broken.

Soil 2nd rate. Prairie.

Chains.

West on random between secs. 6 and 7.

BOOK 1946

Var. 14° East.

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

55.40 Dry creek, course N. E. 20 lks. wide.

78.40 Intersect Range line 27 lks. North of corner to
secs. 1, 6, 7 and 12.

Then N. 89° 48' East on true line.

Var. same.

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

78.40 Corner to sections 5, 6, 7 and 8.

Land broken.

Soil 3rd rate. Prairie.

North on true line between secs. 5 and 6.

Var. 14° East.

40.00 Set sandstone 18x11x3 for $\frac{1}{4}$ sec. corner as per
instructions.

57.65 Dry Creek, 20 lks. wide, course N.W.

78.75 Intersect 2nd Standard Parallel 12.90 chs. East
of Standard Corner to secs. 31 and 32.

Set sandstone 18x14x4 for closing corner
to secs. 5 and 6.

Surface rolling.

Soil 1st rate. Prairie.

Jan. 31 st, 1870.

Commenced Jan. 26th and

Completed Jan 31st, 1870.

BOOK 1946

GENERAL DESCRIPTION OF TOWNSHIP 10 NORTH, RANGE 5 WEST.

The land in this Township is mostly 1st rate, suitable for either farming or grazing; the creek running through the western portion of the township is pure water, in sec. 29. There is a cornfield containing about 50 acres. There is some timber in the eastern part, cedar and piñon.

Chains.

Township 11 North Range 5 West of the Navajo
Special Meridian.

Commenced Feb. 1st, and
Completed February 5th, 1870..

Measuring Chain compared with Standard and
found correct.

North between secs. 35 and 36.
Var. 14° 15' E.

40.00 Set sandstone 16x14x4 for $\frac{1}{4}$ sec. corner as per
instructions.

80.00 Set sandstone 14x12x3, marked per instructions
for corner to secs. 25, 26, 35 and 36.

Land rolling.
Soil 2nd rate. Prairie.

East on random between secs. 25 and
36.

Var. 14° 15' E.

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

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

Then N. 89° 49' West on true line.

Var. same.

39.85 Set sandstone 15x14x4 for $\frac{1}{4}$ sec. corner as per
instructions.

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

Land rolling.
Soil 1st rate. Prairie.

North between secs. 25 and 26.

Var. 14° 10' E.

40.00 Set charred post, built mound and dug pits for

BOOK 1946

Chains.

$\frac{1}{4}$ sec. cor. as per instructions.
 43.50 Leave timber, bears N. E. and S. W.
 80.00 Set sandstone 16x15x4 marked as per instructions
 for corner to secs. 23, 24, 25 and 26.
 Land rolling.
 Soil 2nd rate. Prairie.

East on random between secs. 24 and 25.
 Var. 14° 10' E.

29.00 Enter timber, bears North and South.
 40.00 Set temporary $\frac{1}{4}$ sec. corner.
 79'85 Intersect Range line 30 lks. North of corner to
 secs. 19 24, 25 and 30.
 Then N. 89° 47' West on true line.
 Var. same.

39.92 $\frac{1}{2}$ Set sandstone 15x15x4 for $\frac{1}{4}$ sec. corner as per
 instructions.
 79.85 Corner to secs. 23, 24, 25 and 26.
 Land rolling.
 Soil 2nd rate. Prairie.

North between secs. 23 and 24.
 Var. 14° 05' East.

16.00 Enter timber, bears N. W. and S. E.
 27.00 Ravine, course N. E.
 40.00 Set sandstone 15x14x3 for $\frac{1}{4}$ sec. corner as per
 instructions.
 80.00 Set sandstone 16x12x6 marked as per instructions,
 for corner to secs. 13, 14, 23 and 24.
 Land rolling.
 Soil 2nd rate. Prairie.

East on random between secs. 13 and 24.
 Var. 14° 05' East.

Chains.

- 40.00 Set temporary $\frac{1}{4}$ sec. corner. BOOK 1946
- 80.20 Intersect Range line 18 lks. north of corner to
secs. 13, 18, 19 and 24.
Then N. $89^{\circ} 52'$ West on true line.
Var. same.
- 40.10 Set sandstone 14x14x5 for $\frac{1}{4}$ sec. corner as
per instructions.
- 80.20 Corner to secs. 13, 14, 23 and 24.
Land rolling.
Soil 2nd rate. Prairie.
-
- North between secs. 13 and 14.
Var. $14^{\circ} 05'$ E.
- 40.00 Set sandstone 14x12x3 for $\frac{1}{4}$ sec. corner
as per instructions.
- 51.00 Leave timber, bears east and west.
- 80.00 Set sandstone 15x13x3 marked as per instructions
for corner to secs. 11, 12, 13 and 14.
Land rolling.
Soil 2nd rate. Prairie.
-
- East on random ~~line~~ between secs. 12 and
13.
Var. $14^{\circ} 05'$ E.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 80.35 Intersect sec. line 15 lks. south of corner to
secs. 7, 12, 13 and 18.
Then S. $89^{\circ} 53'$ west on true line.
Var. same.
- 40.17 $\frac{1}{2}$ Set sandstone 13x10x4 for $\frac{1}{4}$ sec. corner as per
instructions.
- 80.35 Corner to secs. 11, 12, 13 and 14.
Land rolling. Prairie.
Soil 1st rate.
-

BOOK 1946

Chains.

North between secs. 11 and 12.

Var. 14° 05' East.

40.00 Set sandstone 15x12x4 for $\frac{1}{4}$ sec. corner as per instructions.

80.00 Set sandstone 16x15x6 marked as per instructions for corner to secs. 1, 2, 11 and 12.

Land rolling.

Soil 2nd rate. Prairie.

East on random between secs. 1 and 12.

Var. 14° 05' E.

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

80.20 Intersect range line 25 links south of corner to secs. 1, 6, 7 and 12.

Then S. 89° 49' west on true line.

Var. same.

40.10 Set sandstone 15x14x4 for $\frac{1}{4}$ sec. corner as per instructions.

80.20 Corner to secs. 1, 2, 11 and 12.

Land rolling.

Soil 2nd rate. Prairie.

North on random between secs. 1 and 2.

Var. 14° 05' E.

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

60.40 Creek, course N. E. 25 lks. wide.

80.40 Intersect north boundary of Township, 30 lks. west of corner to sections 1, 2, 35 and 36.

Then S. 13' West on true line.

Var. same.

40.40 Set sandstone 14x12x6 for $\frac{1}{4}$ sec. corner as per instructions .

Chains.

80.40 Corner to secs. 1, 2, 11 and 12.

BOOK 1946

Land rolling.

Soil 2nd rate. Prairie.

North between secs. 34 and 35.

Var. 14° 10' East.

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

80.00 Deposited marked stone, set charred post, mark-
ed, built mound and dug pits per instructions
for corner to secs. 26, 27, 34 and 35.

Land gently rolling.

Soil 1st rate. Prairie.

East on random between secs. 26 and 35.

Var. 14° 10' E.

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

71.00 Enter timber, bears N. and S.

80.20 Intersect sec. line 18 lks. south of corner to
secs. 25, 26, 35 and 36.

Then S. 89° 52' West on true line.

Var. same.

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

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

Land gently rolling.

Soil 1st rate. Prairie.

North between secs. 26 and 27.

Var. 14° 05' East.

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

80.00 Deposited marked stone, set charred post, marked,

Chains.

built mound and dug pits ~~as~~ per instructions for
corner to secs. 22, 23, 26 and 27.

Land level.

Soil 1st rate. Prairie.

East on random between secs. 23 and 26.

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

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

80.35 Intersect sec. line 27 lks. south of corner
to secs. 23, 24, 25 and 26.

Then S. $89^{\circ} 48'$ West on true line.

Var. same.

40.17 $\frac{1}{2}$ Set charred post, built mound and dug pits for
 $\frac{1}{4}$ sec. cor.

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

Land level.

Soil 1st rate. Prairie.

North between secs. 22 and 23.

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

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

80.00 Set sandstone 24x16x2 marked as per instructions
for corner to secs. 14, 15, 22 and 23.

Land gently rolling.

Soil 1st rate. Prairie.

East on random line between secs. 14 and
23.

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

15.50 Enter timber, bears N. and south.

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

80.15 Intersect sec. line 10 lks. south of corner to

Chains;

secs. 13, 14, 23 and 24.

BOOK 1946

Then S. 89° 56' West on true line

Var. same.

40.07½ Set sandstone 14x12x3 for ¼ sec. corner as per instructions.

80.15 Corner to secs. 14, 15, 22 and 23.

Land rolling.

Soil 2nd rate. Prairie.

North between secs. 14 and 15.

Var. 14° 10' E.

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

80.00 Set sandstone 18x13x3 marked as per instructions, for cor. to secs. 10, 11, 14 and 15.

Land rolling.

Soil 2nd rate. Prairie.

East on random between secs. 11 and 14.

Var. 14° 10' E.

40.00 Set temporary ¼ sec. corner.

79.85 Intersect sec. line 20 lks. N. of corner to secs. 11, 12, 13 and 14.

Then N. 89° 51' West on true line.

Var. same.

39. 92½ Set sandstone 15x14x3 for ¼ sec. corner as per instructions.

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

Land rollings.

Soil 2nd rate. Prairie.

95
34

BOOK 1946

Chains.

North between secs. 10 and 11.
Var. 14° 10' East.

40.00 Set sandstone 16x12x3 for ¼ sec. corner as per instructions.

76.40 Creek, course N. E. 18 lks. wide.

80.00 Set sandstone 18x14x4 marked as per instructions for corner to secs. 2, 3, 10 and 11.
Land rolling.
Soil 2nd rate. Prairie.

East on random between secs. 2 and 11.
Var. 14° 10' East.

16.50 Creek, course N. E. 12 links wide.

40.00 Set temporary ¼ sec. corner.

79.75 Intersect sec. line 25 links North of corner to secs. 1, 2, 11 and 12.
Then N. 89° 49' West on true line.
Var. same.

39.87½ Set sandstone 15x14x5 for ¼ sec. corner as per instructions.

79.75 Corner to secs. 2, 3, 10 and 11.
Land rolling.
Soil 2nd rate. Prairie.

North on random between secs. 2 and 3.
Var. 14° 10' E.

40.00 Set temporary ¼ sec. corner.

80.36 Intersect north boundary of Township 15 links East of cor. to secs. 2, 3, 34 and 35.
Then S. 7' East on true line.
Var. same.

40.36 Set sandstone 24x12x6 for ¼ sec. corner as per instructions.

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

Chains.

Land broken. Soil 3rd rate. Prairie.

BOOK 1946

North between secs. 33 and 34.

Var. 14° East.

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

80.00 Deposited marked stone, set charred post, mark-
ed, built mound and dug pits as per instructions
for cor. to secs. 27, 28, 33 and 34.

Land level. Soil 1st rate. Prairie.

East on random between secs. 27 and 34.

Var. 14° 16' East.

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

80.30 Intersect sec. line 18 links North of corner to
sections 26, 27, 34 and 35.

Then N. 89° 52' West on true line.

Var. same.

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

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

Land level. Soil 1st rate, prairie.

North between secs. 27 and 28.

Var. 14° 16' East.

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

80.00 Set sandstone 14x12x4 marked as per instruc-
tions for the corner to secs. 21, 22, 27 and 28.

Land level. Soil 1st rate. Prairie.

East on random between secs. 22 and 27.

Var. 14° 16' E.

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

BOOK 1946

Chains	
80.25	Intersect sec. line 15 lks. north of corner to secs. 22, 23, 26 and 27. Then N. 89° 54' West on true line. Va. same.
40.12½	Set charred post, built mound and dug pits for ¼ sec. cor. as per instructions.
80.25	Corner to secs. 22, 21, 28 and 27. Land rolling. Soil 2nd rate. Prairie.
<hr/> North between secs. 21 and 22. Var. 14° 10' E.	
40.00	Set charred post, built mound and dug pits for ¼ sec. cor. as per instructions.
80.00	Set sandstone 18x14x4 marked as per instructions for cor. to secs. 15, 16, 21 and 22. Land rolling. Soil 2nd rate. Prairie.
<hr/> East on random between secs. 15 and 22. Var. 14° 10' E.	
40.00	Set temporary ¼ sec. corner.
80.12	Intersect sec. line 14 links south of corner to secs. 14, 15, 22 and 23. Then S. 89° 54' West on true line. Var. same.
40.06	Set charred post, built mound and dug pits for ¼ sec. cor. as per instructions.
80.12	Corner to secs. 15, 16, 21 and 22. Land broken. Soil 2nd rate. Prairie.
<hr/> North between secs. 15 and 16 Var. 14° 10' E.	

Chains.	
40.00	Set sandstone 16x12x4 for $\frac{1}{4}$ sec. corner as per instructions.
80.00	Set sandstone 12x8x6 marked as per instructions for corner to secs. 9, 10, 15 and 16. Land broken. Soil 2nd rate. Prairie.
<hr/>	
	East on random between secs. 10 and 15. Var. $14^{\circ} 10'$ E.
40.00	Set temporary $\frac{1}{4}$ sec. corner.
79.85	Intersect sec. line 20 lks. south of corner to secs. 10, 11, 14 and 15. Then S. $89^{\circ} 51'$ West on true line. Var. same.
39.92 $\frac{1}{2}$	Set sandstone 14x12x3 for $\frac{1}{4}$ sec. corner as per instructions.
79.85	Corner to secs. 9, 10, 15 and 16. Land rolling. Soil 2nd rate. Prairie.
<hr/>	
	North between secs. 9 and 10. Var. $14^{\circ} 10'$ E.
8.00	Creek, running water, 25 lks. wide.
40.00	Set sandstone 18x18x5 for $\frac{1}{4}$ sec. corner as per instructions.
80.00	Set sandstone 16x14x3 marked per instructions for corner to secs. 3, 4, 9 and 10. Land rolling. Soil 2nd rate. Prairie.
<hr/>	

Chains.

BOOK 1946

East on random between secs. 3 and 10.

Var. 14° 10' East.

40.00 Set temporary 1/4 sec. corner.

79.70 Intersect sec. line 25 lks. south of corner to
secs. 2, 3, 10 and 11.

Then S. 89° 49' West on true line.

Var. same.

39.85 Set sandstone 16x12x5 for 1/4 sec. corner as per
instructions.

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

Land rolling.

Soil 2nd rate. Prairie.

North on random between secs. 3 and 4.

Var. 14° 20' East.

40.00 Set temporary 1/4 sec. corner.

79.90 Intersect north boundary of Township 20 links
West of corner to sections 3, 4, 33 and 34.

Then S. 9' West on true line.

Var. same.

39.90 Set sandstone 14x12x5 for 1/4 sec. corner as
per instructions.

79.90 Corn er to secs. 3, 4, 9 and 10.

Land broken.

Soil 2nd rate. Prairie.

North between secs. 32 and 33.

Var. 14° 15' East.

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

Chains.

BOOK 1946

80.00 Deposited marked stone, set charred post, marked, built mound and dug pits as per instructions for corner to secs. 28, 29, 32 and 33.
Land level.
Soil 1st rate. Prairie.

East on random between secs. 28 and 33.
Var. 14° 15' E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.
79.85 Intersect sec. line 20 links North of corner to secs. 27, 28, 33 and 34.
Then N. 89° 51' West on true line.
Var. same.

39.92 $\frac{1}{2}$ Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. cor. as per instructions.
79.85 Corner to secs. 28, 29, 32 and 33.
Land broken.
Soil 1st rate. Prairie.

North between secs. 28 and 29.
Var. 14° 15' East.

40.00 Set sandstone 14x12x3 for $\frac{1}{4}$ sec. corner as per instructions.
80.00 Set sandstone 16x10x6 marked per instructions for corner to secs. 20, 21, 28 and 29
Land level.
Soil 1st rate. Prairie.

East on random between secs. 21 and 28.
Var. 14° 15' E.

40.00 Set temporary $\frac{1}{4}$ sec. corner.
79.70 Intersect sec. line 18 lks. North of corner to secs. 21, 22, 27 and 28.

101
40
BOOK 1948
1948

Field Notes of the Subdivision Lines of Township
11 North, Range 5 West of the Navajo Special 'M.

Chains.

Then N. 89° 52' West on true line.

Var. same.

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

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

Land level.

Soil 1st rate. Prairie.

North between secs. 20 and 21.

Var. 14° 20' E.

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

80.00 Set sandstone 14x12x4 marked per instructions for corner to secs. 16, 17, 20 and 21.

Land rolling.

Soil 1st rate. Prairie.

East on random between secs. 16 and 21.

Var. 14° 20' E.

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

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

Then S. 89° 51' West on true line.

Var. same.

40.07 $\frac{1}{2}$ Set sandstone 20x10x6 for $\frac{1}{4}$ sec. corner as per instructions.

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

Land broken.

Soil 2nd rate. Prairie.

North between secs. 16 and 17.

Var. 14° 20' E.

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

BOOK 1946

Chains.

17.20 Creek, course East 25 lks. wide.
40.00 Set sandstone 16x14x4 for $\frac{1}{4}$ sec. corner as per instructions.
42.00 Creek, course East 16 lks. wide.
47.00 Leave bottom, bears east and west.
67.60 Red sandstone mesa,; true corner on mesa, impracticable to establish corner. I therefore set sandstone 20x10x4 for witness corner to secs. 9, 8, 16 and 17.
Land rolling.
Soil 2nd rate. Prairie.

East on random between secs. 9 and 16.
Var. 14° 20' E.

Commenced at witness cor. to secs. 9,8, 16 and 17, 12.40 chains south of true corner. Offset east along south side of mesa.

23.40 Offset North 12.40 chs.back to sec. line on East side of mesa.
40.00 Set temporary $\frac{1}{4}$ sec. corner.
78.00 Creek, course N. E. 70 lks.wide, no bottom.
80.25 Intersect sec.line 20 lks. south of corner to secs.9, 10, 15 and 16.
S. 89° 51' West on true line.
Var. same.

40.12 $\frac{1}{2}$ Set sandstone 15x10x4 for $\frac{1}{4}$ sec.corner as per instructions.
80.25 Corner to secs. 8, 9, 16 and 17.
Land partly broken.
Soil ^{1st and} 3rd rate. Prairie.

North between secs. 8 and 9.
Var. 14° 20' E.
Commenced at witness corner between secs. 16

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BOOK 1946

Field Notes of the Subdivision Lines of Township
11 North Range 5 West of the Navajo Special M.

Chains.

and 17, 12.40 chains south of true corner.
Offset west 2 chains; thence north, at 29
chains offset east 12 chains to sec. line of
North side of mesa.

Line leaves ^{mesa,} bears east and west.

40.00 Set sandstone 16x14x3 for $\frac{1}{4}$ sec. corner as per
instructions.

80.00 Set sandstone 18x12x3 marked per instructions
for corner to secs. 4, 5, 8 and 9.

Land broken.

Soil 3rd rate. Prairie.

East on random ~~between~~ secs. 4 and 9.

Var. 14° 20' E.

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

80.25 Intersects sec. line 17 lks. south of corner
to secs. 3, 4, 9 and 10.

S. 89° 52' West on true line.

Var. same.

40.12 $\frac{1}{2}$ Set sandstone 15x14x3 for $\frac{1}{4}$ sec. corner as per
instructions.

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

Land broken.

Soil 2nd rate. Prairie.

North on random between secs. 4 and 5

Var. 14° 20' E.

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

58.00 Enter timber.

79.70 Intersect north boundary of Township 30 links
west of corner to secs. 4, 5, 32 and 33.

Then S. 13' west on true line.

Var. same.

39.70 Set sandstone 16x12x4 for $\frac{1}{4}$ sec. corner as per

Chains.

BOOK 1946

instructions.

79.70 Corner to secs. 4, 5, 32 and 33.

Land broken.

Soil 2nd rate. Prairie.

North between secs. 31 and 32.

Var. 14° 10' E.

6.50 Creek, 19 lks. wide.

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

80.00 Set sandstone 17x12x5 marked per instructions
for corner to secs. 29, 30, 31 and 32.

Land broken.

Soil 2nd rate. Prairie.

East on random between secs. 29 and 32.

Var. 14° 15' E.

40.00 Set temporary ¼ sec. corner.

80.25 Intersect sec. line 15 lks. south of corner to
secs. 28, 29, 32 and 33.

Then S. 89° 53' West on true line.

Var. same.

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

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

Land broken.

Soil 1st rate: Prairie.

West on random between secs. 30 and 31.

Var. 14° 10' E.

32.00 Enter bottom, bears N. and south.

34.25 Creek, course north, 35 lks. wide.

40.00 Set temporary ¼ sec. corner.

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BOOK 1946

Chains.

- 41.15 Leave bottom, bears N. and south.
- 79.75 Intersect Range line 25 lks. north of corner to
secs. 25, 30, 31 and 36.
Then N. $89^{\circ} 49'$ west on true line.
Var. same.
- 39.75 Set sandstone 15x9x4 for $\frac{1}{4}$ sec. corner as per
instructions.
- 79.75 Corner to secs. 29, 30, 31 and 32.
Land level.
Soil 1st rate. Prairie.
-
- North between secs. 29 and 30.
Var. $14^{\circ} 10'$ E.
- 40.00 Set charred post, built mound and dug pits for
 $\frac{1}{4}$ sec. cor. as per instructions.
- 47.95 Enter bottom, bears East and West.
- 52.80 Creek, course East, 12 lks. wide.
- 80.00 Set sandstone 18x13x4 marked per instructions
for corner to secs. 19, 20, 29 and 30.
Land level.
Soil 1st rate. Prairie.
-
- East on random between secs. 20 and 29.
Var. $14^{\circ} 10'$ East.
- 26.00 Enter bottom, bears north and east.
- 27.20 Creek, course north 18 lks. wide.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 80.35 Intersect sec. line 27 lks. south of corner to
secs. 20, 21, 28 and 29.
Then S. $89^{\circ} 48'$ West on true line.
Var. same.
- 40.17 $\frac{1}{2}$ Set sandstone 12x9x8 for $\frac{1}{4}$ sec. corner as per
instructions.
- 80.35 Corner to secs. 19, 20, 29 and 30.

Chains.

Land rolling.
 Soil 1st rate. Prairie.

BOOK 1946

West on random between secs. 19 and 30.
 Var. 14° 10' E.

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

79.80 Intersect Range line 16 lks. north of corner to
 secs. 19, 24, 25 and 30.

Then N. 39° 53' East, on true line.
 Var. same.

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

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

Land rolling.
 Soil 1st rate. Prairie.

North between secs. 19 and 20.
 Var. 14° 20' E.

40.00 Set sandstone 15x14x3 for $\frac{1}{4}$ sec. cor. as per
 instructions.

80.00 Set sandstone 16x12x5 marked per instructions
 for cor. to secs. 17, 18, 19 and 20.

Land level.
 Soil 1st rate. Prairie.

East on random between secs. 17 and 20.
 Var. 14° 20' E.

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

68.20 Creek, course N. E. 22 lks. wide, no bottom.

80.20 Intersect sec. line 15 links south of corner to
 secs. 16, 17, 20 and 21.

Then S. 39° 5' West on true line. Var. same.

40.10 Set charred post, built mound and dug pits

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BOOK 1946

Field Notes of the Subdivision Lines of Township
11 North, Range 5 West of the Navajo Special M.

Chains.

for $\frac{1}{4}$ sec.cor. as per instructions.

80.20 Corner to secs. 17, 18, 19 and 20.
Land broken.
Soil 1st rate. Prairie.

West on random ~~line~~ between secs. 18 and 19.
Var. $14^{\circ} 10' E.$

7.50 Creek, course N. E. 19 lks. wide, no bottom.

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

68.00 Spring, running water, course S.W.

79.65 Intersect Range line 20 lks. south of corner to secs. 13, 18, 19 and 24.
Then S. $89^{\circ} 51'$ East on true line.
Var. same.

39.65 Set sandstone 16x14x4 for $\frac{1}{4}$ sec. corner as per instructions.

79.65 Corner to sections 17, 18, 19 and 20.
Land rolling.
Soil 2nd rate. Prairie.

North between secs. 17 and 18.
Var. $14^{\circ} 10' East.$

9.00 Creek, course N. E. 27 lks. wide.

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

80.00 Set sandstone 37x20x12 marked per instructions, for corner to secs. 7, 8, 17 and 18.
Land broken.
Soil 2nd rate. Prairie.

East on random between secs. 8 and 17.
Var. $14^{\circ} 15' E.$

Chains,

- 40.00 Set temporary $\frac{1}{2}$ sec. corner. BOOK 1946
- 49.00 Creek, course south, 17 lks. wide.
- 70.20 Intersect mesa, bears north and south. Offset south 12.40 chains, thence east 10.10 ~~chs.~~ and intersect sec. line 12 links south of witness corner.
Then S. $89^{\circ} 55'$ West on true line.
Var. same.
- 40.15 Set sandstone 18x10x4 for $\frac{1}{4}$ sec. corner as per instructions.
- 80.30 Corner to secs. 7, 8, 17 and 18.
Land rolling.
Soil 2nd rate. Prairie.
-
- West on random between secs. 7 and 18.
Var. $14^{\circ} 10'$ E.
- 40.00 Set temporary $\frac{1}{4}$ sec. corner.
- 79.30 Intersect Range line 35 lks. south of corner to secs. 7, 12, 13 and 18.
Then S. $89^{\circ} 45'$ E. on true line.
Var. same.
- 39.30 Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. corner as per instructions.
- 79.30 Corner to secs. 7, 8, 17 and 18.
Land level.
Soil 1st rate. Prairie.
-
- North between secs. 7 and 8.
Var. $14^{\circ} 10'$ East.
- 40.00 Set charred post, built mound and dug pits for $\frac{1}{4}$ sec. corner as per instructions.
- 58.30 Creek, course S. E. 23 lks. wide,
80.00 Set sandstone 19x14x3, marked as per instructions, for corner to secs. 5, 6, 7 and 8.

Chains.

Land broken.
Soil 2nd rate. Prairie.

East on random line between secs. 5 and 8.
Var. $14^{\circ} 10' E$.

12.40 Creek, course south, 17 lks. wide.
40.00 Set temporary $\frac{1}{4}$ sec. corner.
79.75 Intersect sec. line 18 lks. north of corner to
secs. 4, 5, 8 and 9.
Then N. $89^{\circ} 52'$ West on true line.
Var. same.

39.87 $\frac{1}{2}$ Set sandstone 15x13x3 for $\frac{1}{4}$ sec. corner as
per instructions.

79.75 Corner to secs. 5, 6, 7 and 8.
Land rolling.
Soil 2nd rate. Prairie.

West on random between secs. 6 and 7.
Var. $14^{\circ} 10' E$.

40.00 Set temporary $\frac{1}{4}$ sec. corner.
79.06 Intersect Range line 18 lks. south of corner to
sections 1, 6, 7 and 12.
Then S. $89^{\circ} 52'$ East on true line.
Var. same.

39.06 Set sandstone 16x14x3 for $\frac{1}{4}$ sec. corner as per
instructions.
79.06 Corner to secs. 5, 6, 7 and 8.
Land level.
Soil 1st rate. Prairie.

North on random between secs. 5 and 6.
Var. $14^{\circ} 10' E$.

75.07 Enter timber, bears east and west.
40.00 Set temporary $\frac{1}{4}$ sec. corner.

BOOK 1946

Chains.	11 North, Range 5 West of the Navajo Special	
46.50	Creek, course south and S. E. 26 lks. wide.	
79.85	Intersect north boundary of Township 27 links	BOOK 1946
	west of corner to secs. 5, 6, 31 and 32.	
	Then S. 12' West on true line.	
	Var. same.	
39.85	Set sandstone 15x15x3 for $\frac{1}{2}$ sec. cor. as per	
	instructions.	
79.85	Corner to secs. 5, 6, 7 and 8.	
	Land rolling.	
	Soil 2nd rate. Prairie.	

GENERAL DESCRIPTION OF TOWNSHIP 11 NORTH,
RANGE 5 WEST OF THE N.S.M.

The land in this Township is mostly 1st class and suitable for either farming or grazing purposes.

It is well supplied with water by a creek running through it. In sec. 18 there is a fine Spring of pure water. The _____ lying mostly in sec. 9 is of red sand and about 200 feet high. There is some timber in the S. E. and N. W. corners of the Township, consisting of cedar and piñon.

There are a few scattering cottonwoods along the creek.

We hereby certify that we assisted Ehud N. Darling, U. S. Surveyor, in subdividing Townships 10 and 11 North, Range 5 West of the Navajo Special Meridian in the Territory of New Mexico and that that said Townships have been in all respects to the best of our knowledge and belief well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Commissioner of the General Land Office of the United States.

Willard S. Paul,Compassman.

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

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

Subscribed and sworn to by the above named persons before me, Ehud N. Darling, U. S. Surveyor, in Township 1 North Range 6 West of the Navajo Special Meridian, in the Territory of Arizona, this 26th, day of January, 1870.

Ehud N. Darling. ,
U.S. Surveyor.

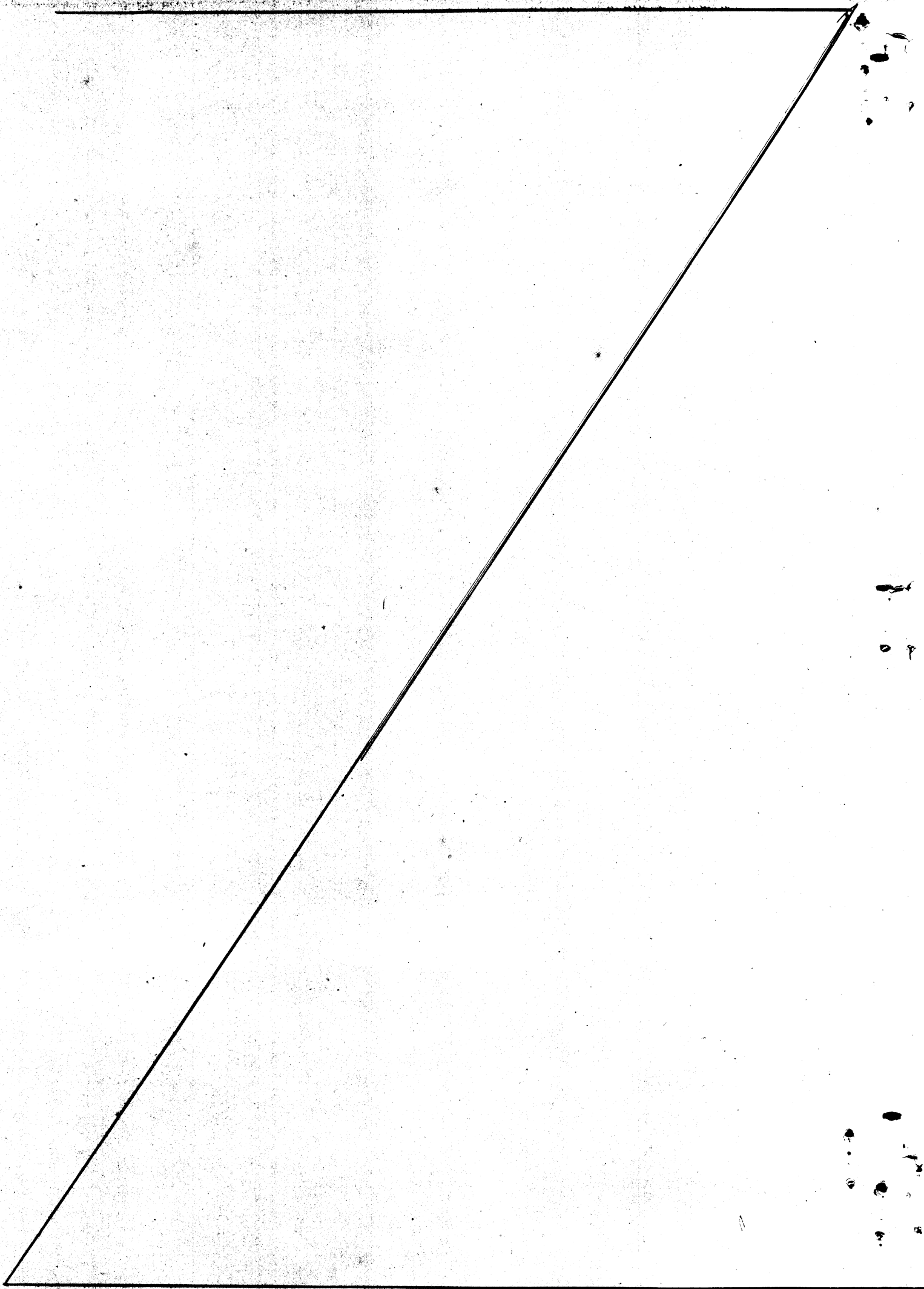
I, Ehud N. Darling, U. S. Surveyor, do solemnly swear that in pursuance of a Contract with Hon. Jos. S. Wilson, Commissioner of the General Land Office of the United States, bearing date, Washington, D. C. , April 29th, 1869 and subsequent Special Instructions, and in strict conformity to the laws of the United States and the instructions furnished by the said Commissioner of the General Land Office, I have faithfully subdivided Townships 10 and 11 North, Range 5 West,**** of the Navajo Special Meridian in the Territory of New Mexico, 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, 1870 at Washington, D. C.

Wm. Martin, J. P.



DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,

May 13th,1870.

The foregoing field notes of the survey of the sub-divisional Lines of Townships 10 and 11 North, Range 5 West, *** of the Navajo Special Meridian in the Territory of New Mexico, executed by E. N. Darling, under his Contract of the 29th April, 1869, and subsequent Special Instructions, having been critically examined and the necessary corrections made, the said field notes and the surveys they describe are hereby approved.

Jos. S. Wilson,
Commissioner.

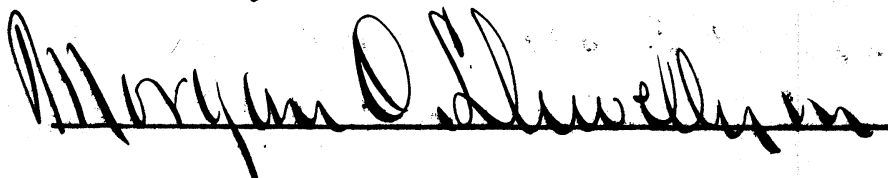
Department of the Interior,
General Land Office,
February 27, 1877.

A true copy.

J. A. Williamson,
Commissioner.

Office of U. S. Surveyor General,
Santa Fe, New Mexico,
November, 24th 1902.

I, Morgan O. Llewellyn, U. S. Surveyor General of New Mexico, do hereby certify that the foregoing is a true and correct transcript of a copy of the field notes of the survey of the Subdivisional Lines of Townships 10 and 11 North, Range 5 West of the Navajo Special Meridian in the Navajo Indian Reservation, now on file in my office.



U. S. Surveyor General for New Mexico.