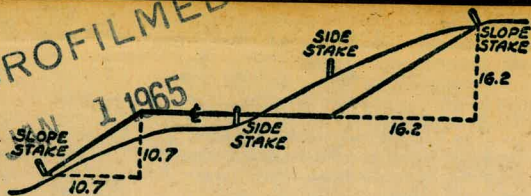


2134

THE END

MICROFILMED



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

43rd St Extension

(SHEPHERD TP 19)

MI

0	0.00
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
11	11.00
12	12.00
13	13.00
14	14.00
15	15.00
16	16.00
17	17.00
18	18.00
19	19.00
20	20.00
21	21.00
22	22.00
23	23.00
24	24.00
25	25.00
26	26.00
27	27.00
28	28.00
29	29.00
30	30.00
31	31.00
32	32.00
33	33.00
34	34.00
35	35.00
36	36.00
37	37.00
38	38.00
39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
44	44.00
45	45.00
46	46.00
47	47.00
48	48.00
49	49.00
50	50.00

Distance of ground is near column and side stake to side stake an cut or fill and if it does not

DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in

IMPROVED TABLES AND INFORMATION

cut taper. If it does not make the slight adjustment necessary, $DO = T - A$

TABLE No. VIII

To find Tangent and Distance for curve of any other degree, divide by degree of curve and add correction tabular column of corrections. Degree of curve with a given T may be found by dividing tangent (or external) opposite by given tangent (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius to which

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.618	.707	.797	.877	.971	1.07	1.18	1.29
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

Index

43d St Exten. Alignment & Tiepoints Page 2 to 31

Proposed - 43rd St.

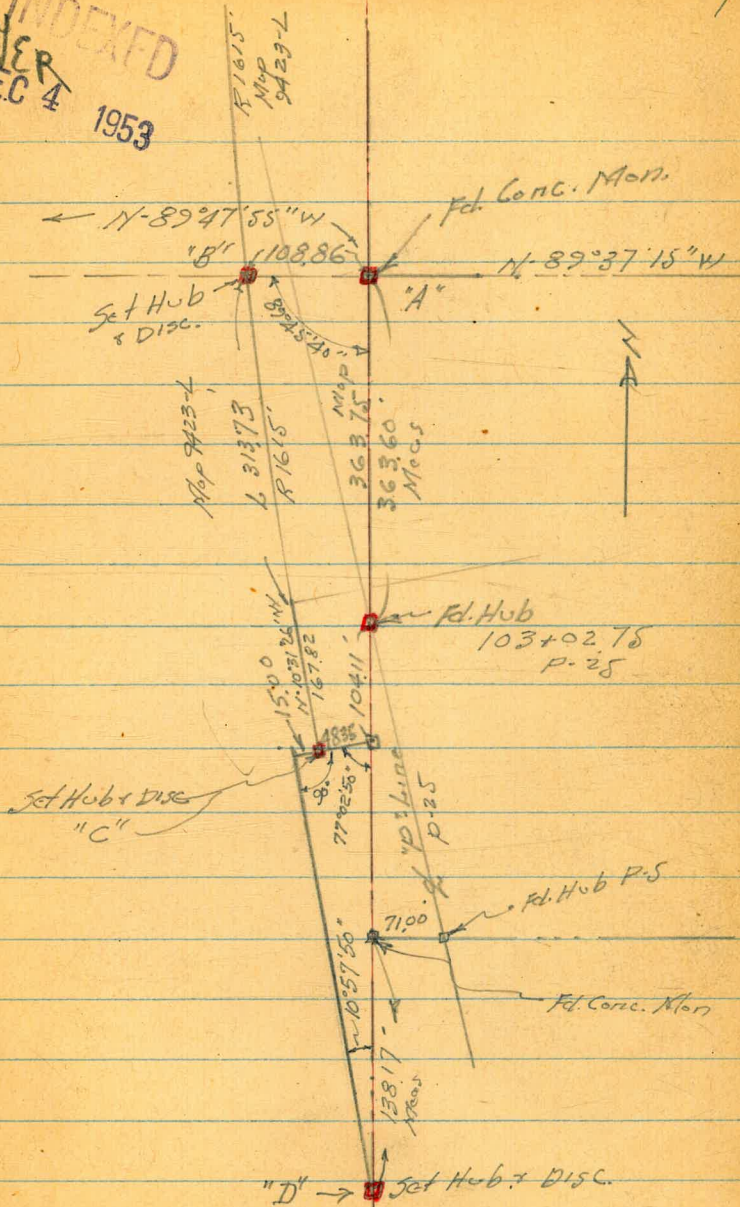
Set Hubs For R.R. of W&A Dept.
at Points & Shown on sketch.

Walker
Pope
Pollen
Olson
12-3-53

NO 20838

Plan 9423-L

INDEXED
JER
DEC 4 1953



43RD STREET EXTENSION

TOPOGRAPHY-CONTROL

From "A" ST

To Fairmount Abourel

Walker (40.20006)
Pace
Clark
Hoffman
3-21-51

Fd. Hub
FB 571-52

A-5T

ET #2

TP 18.65 179.97

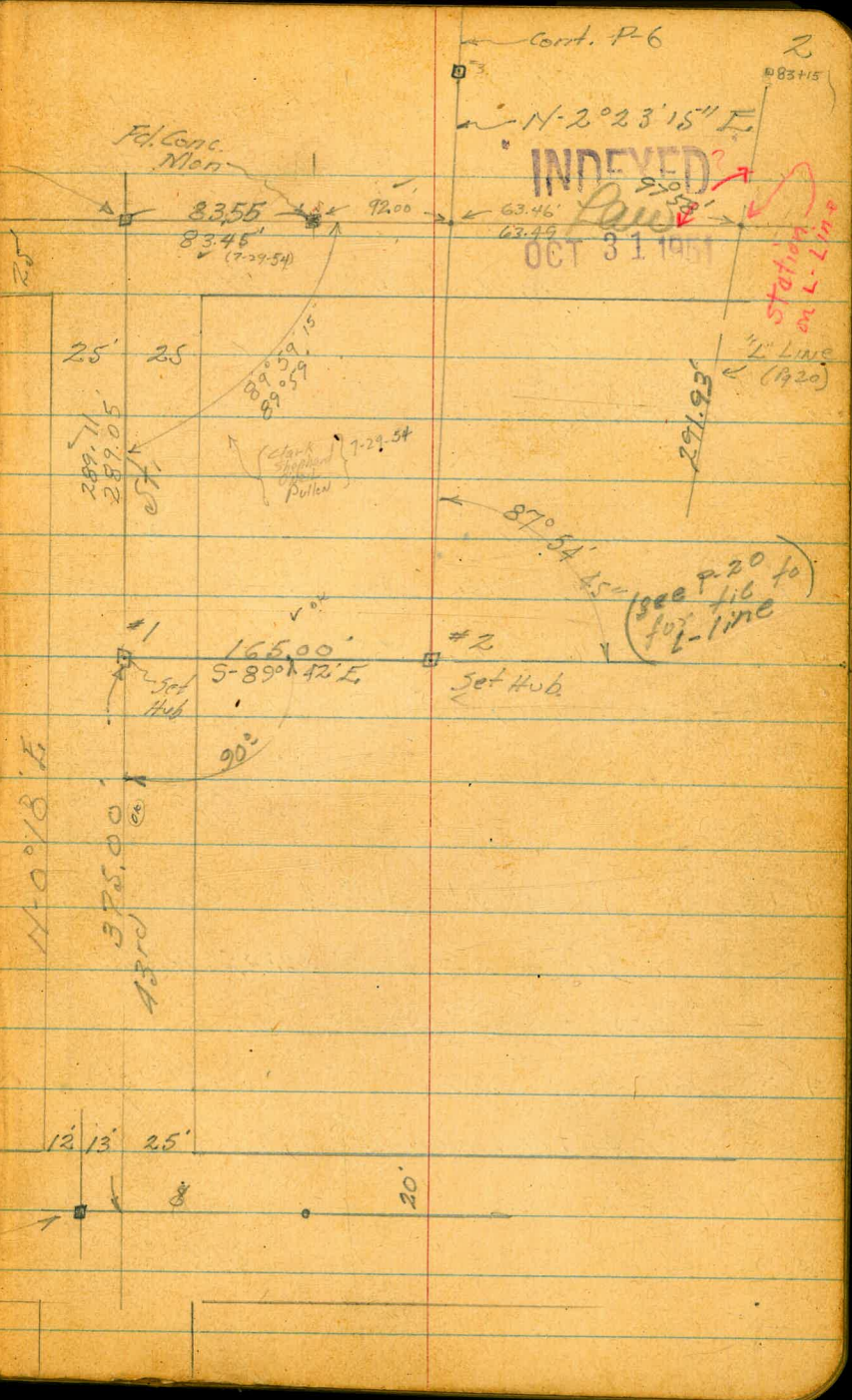
ET #1 154

TP ea Hub 125.62 1131 194.08

B.M. SW spike Pole 43rd & C Grade Book 23245

14.91 205.39 190.48

C-S.
20'
Fd. Conc Mon
11' deep



Stadia Control

190

READINGS From \square^2 El. 179.97 HI=51

Sta.	Azimuth	Stadia	Vert. A.	Horiz.	Diff. Elev.	True Elev.
\square^3	$2^{\circ}23'15''$	528	$-3^{\circ}40'$	526	-33.6	146.4

El. 146.4
READING From \square^3 HI=5.3

\square^2	$182^{\circ}23'15''$	527	$+3^{\circ}39'$	525	+33.8	179.9
-------------	----------------------	-----	-----------------	-----	-------	-------

\square^4	$2^{\circ}23'15''$	412	$-6^{\circ}03'$	408	-43.1	103.3
-------------	--------------------	-----	-----------------	-----	-------	-------

\square^5	"	1010	$+1^{\circ}03'$	1009	+17.9	165.0 164.3
-------------	---	------	-----------------	------	-------	---------------------------

READING From \square^4 Elev. 103.3

\square^3	$182^{\circ}23'15''$	412	$+6^{\circ}04'$	408	+43.3	146.6
-------------	----------------------	-----	-----------------	-----	-------	-------

\square^5	$2^{\circ}23'15''$	412 608	$+5^{\circ}50'$	602	+61.0	164.3
-------------	--------------------	-----------------------	-----------------	-----	-------	-------

READING From \square^5 Elev. 164.3 HI=5.0

\square^4	$182^{\circ}23'15''$	608	$-5^{\circ}50'$	602	-61.0	103.2 103.3
-------------	----------------------	-----	-----------------	-----	-------	----------------

\square^6	$2^{\circ}23'15''$	536	$+4'18''$	530	+40.2	203.4 204.5
-------------	--------------------	-----	-----------	-----	-------	---------------------------

\square^7	"	667	$+4^{\circ}53'$	662	56.2	220.5
-------------	---	-----	-----------------	-----	------	-------

READING From \square^7 Elev. 220.5 HI=5.2

\square^5	$182^{\circ}23'$	667	$-4^{\circ}52'$	662	56.1	164.4
-------------	------------------	-----	-----------------	-----	------	-------

\square^8	$2^{\circ}23'$	299	0°	299	+1.5	222.0
-------------	----------------	-----	-------------	-----	------	-------

READING From \square^8 Elev. 222 HI=5.0

\square^7	$182^{\circ}23'$	300	0°	300	-1.5	220.5
-------------	------------------	-----	-------------	-----	------	-------

\square^9	$2^{\circ}23'$	227	$-7^{\circ}41'$	223	-30.6	191.4
-------------	----------------	-----	-----------------	-----	-------	-------

Cont. on P. 4

43rd St. Extension 3

Azimuths from True North
Clockwise

430 Est. Stadia Control
Cont. from p-3

Station	Azimuth	Stadia V.A	Horiz.	Diff Elev	True Elev.
---------	---------	------------	--------	-----------	------------

Readings from $\square 9$ Elev. = 1914 HI = 4.9

$\square 8$	182° 23'	228'	+7° 49'	224	+30.8	222.2 222.9
$\square 10$	2° 23'	712	-4° 37'	705	-57.1	1343
$\square 11$	2° 23'	906'	-1° 54'	905	-29.9	161.5
$\square 12$		12.55 12.60	+1° 01'	12.54 12.59	+22.0	213.4

READING FROM $\square 10$ El. 1343 HI = 5.0

$\square 9$	182° 23'	712'	+4° 37'	705	+57.1	1914
$\square 12$	2° 23'	561	+8° 14'	550	+79.2	213.5

READING FROM $\square 12$ El. 2135 HI = 5.2

$\square 10$	182° 23'	560	-3° 13'	549	-79.0	1345
$\square 11$	182° 23'	357	-8° 28'	349	-52.0	161.5

READING FROM $\square 14$ 250.2 HI 5.1

$\square 13$	182° 23'	169'	-8° 45'	165	-25.3	228.9
$\square 12$	"	241	-8° 38' or 101	236	-40.7	213.5
$\square 15$	8° 25'	490	-0° 45'	490	-6.4	247.8

chk BM on Hub

- 4.0

250.2 = 250.42 FB 1664-61

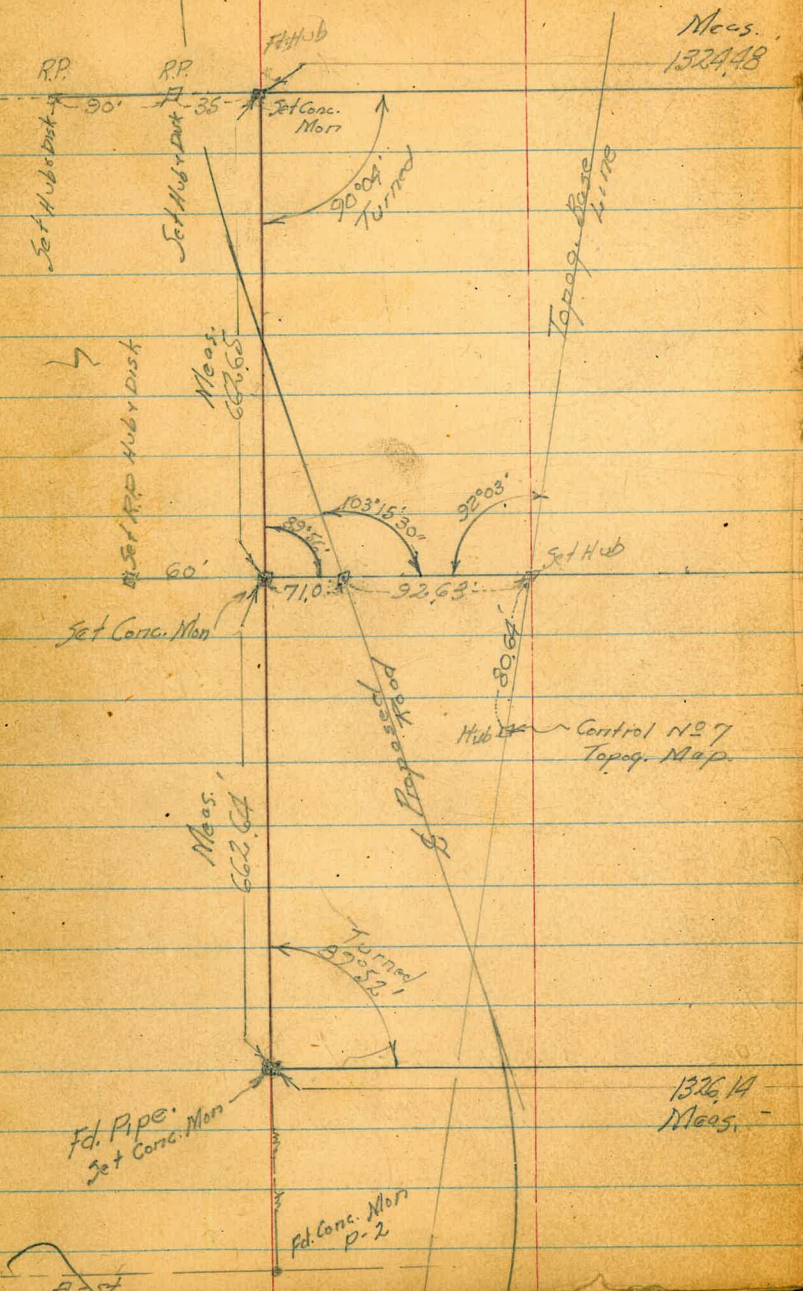
250.4
of diff by our stadia reductions.

Reading from $\square 12$ El. 2135

IMPROVED
OCT 31 1951

2135
46.7
254.2

Ties to Proposed L. 43rd Extension



Meas.
132448

132614
Meas.

Walker
Pope
Clark
Huffman
4-17-51

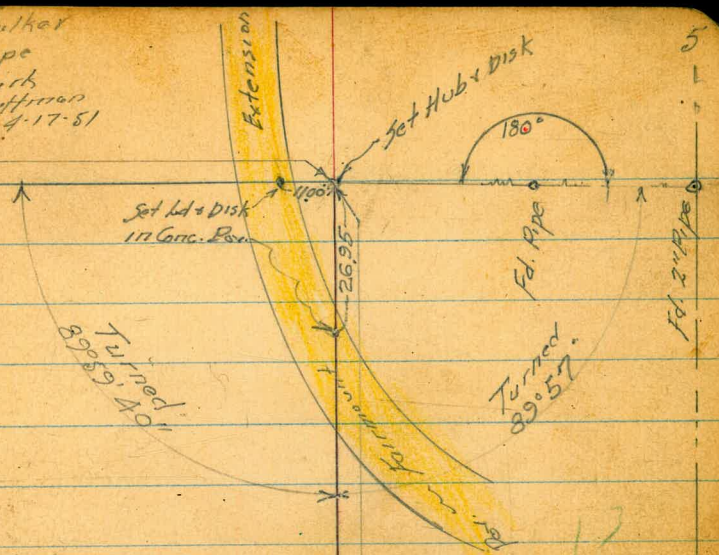
Lot 12

Horton's Purchase

These ties also shown
in FB 1383 (excepting Topog.)
Base Line

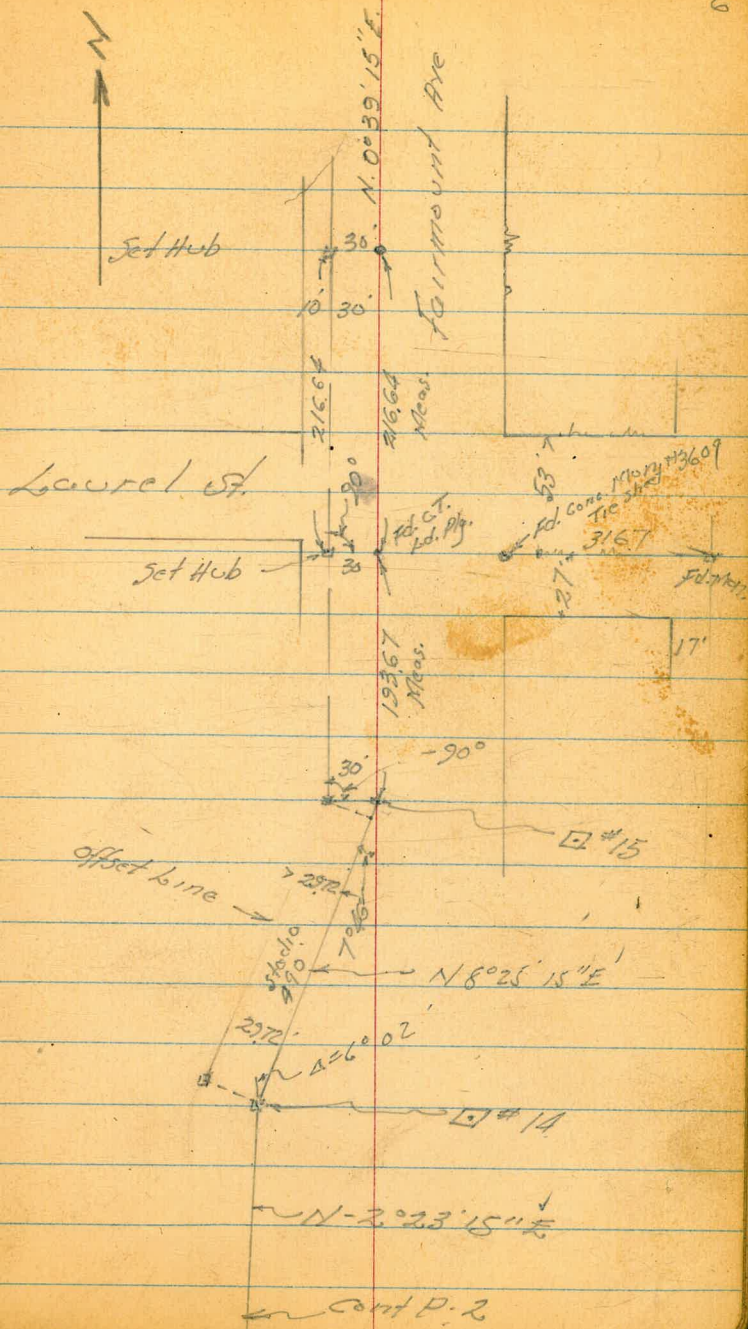
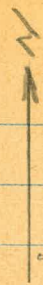
References

- Tie point Book 19 pgs 21 & 50
- F.B. 1383 pg. 28, 77



132443
Meas.

F.d. Pipe Ld + Tack.
Set Conc. Mon.



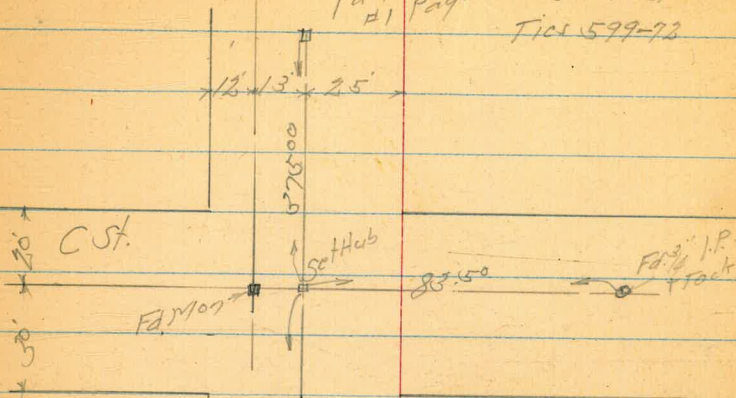
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July 22-51

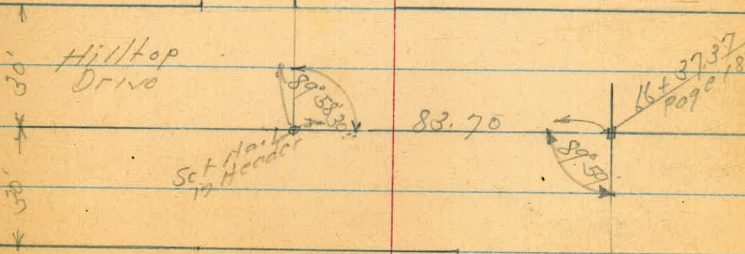
7

H. Sivori
Garber
Korner
Bertolucci
Tics 599-72

Fd. Hub
#1 Page 2

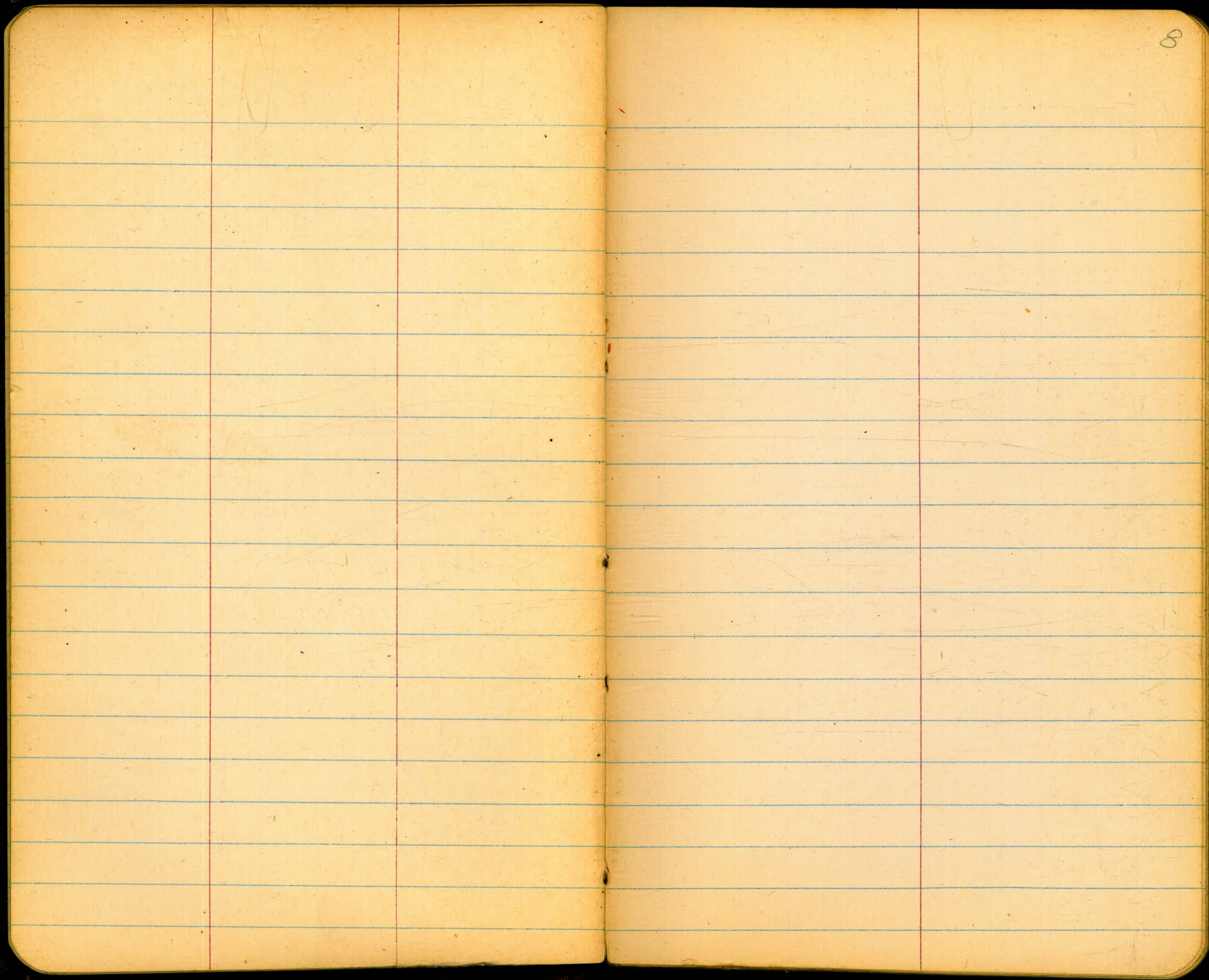


4370 St.
562.73



4370 St.

10'



Alignment 43rd St Extension

Logan Ave. North

July 13-51

H. Sisson

Rogers

Bartolucci

Fritz

N.O. 20838

9

Prop. d. 2



Logan Ave.

43rd St.

National Ave.

Fdt. City

0+00

13rd St. Extension

10

9+22.13

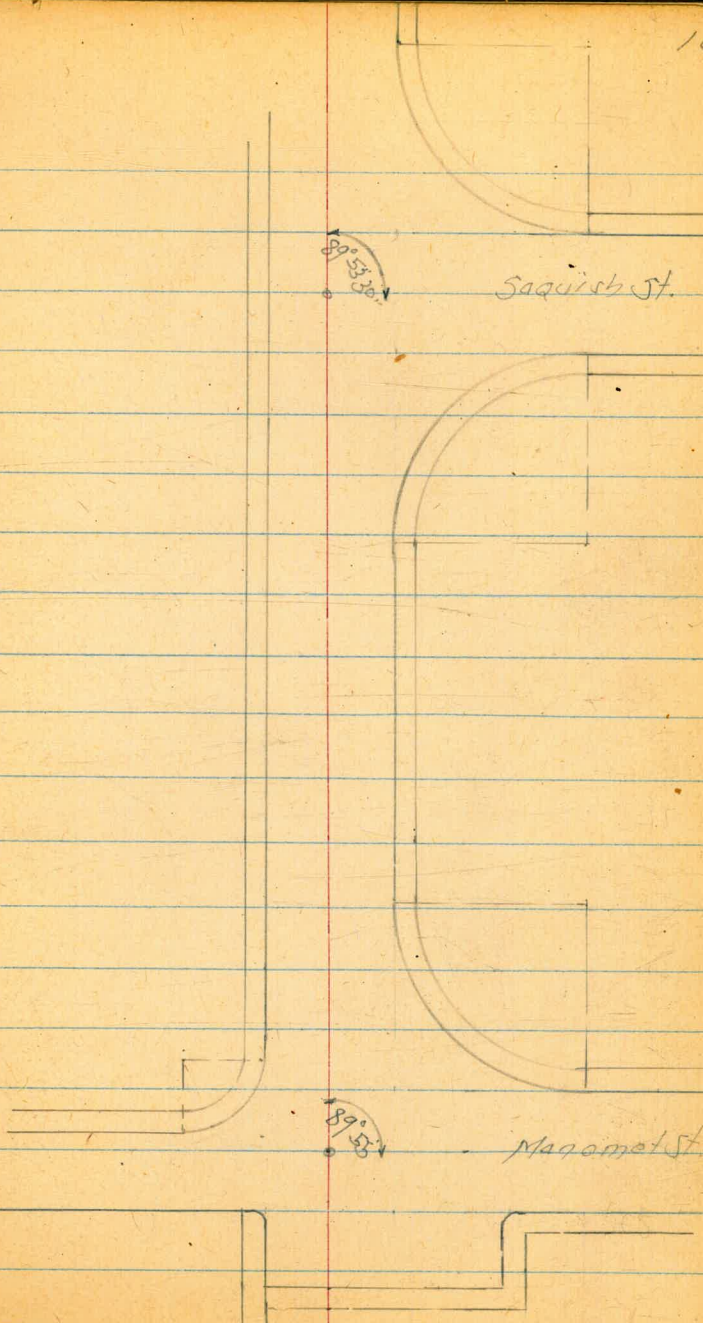
89° 53' 20"

Saquisb St.

3+77.46

89° 53' 20"

Magomet St.



43rd St. Extension

11

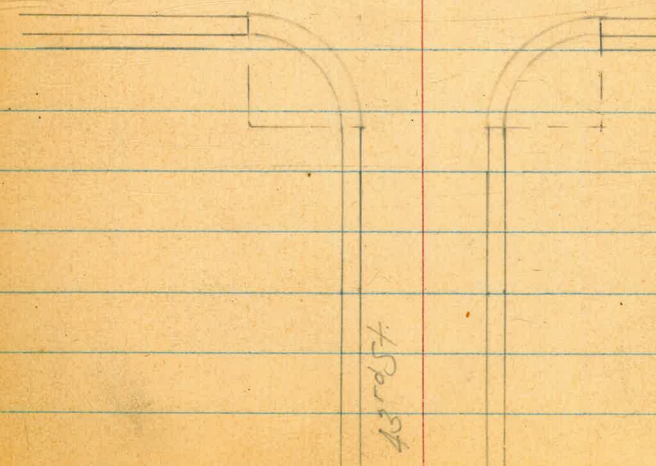
15+35.45 P.O.T

15+35.45
Pd. 3/4" Pipe

13+30.15 P.O.T

Ocean View Blvd.

13+30.15
Pd. 1" Pipe
L.S.
13+55.34



43rd St

43rd St. Extension

21+05.74

21+05.74
Pd Hub

Plymouth St.

19+91.72 P.O.T.

19+91.72
Pd Connection

Panoramahills

43rd St. Extension

13

26+83.27 Set Hub 202 3/10/53

26+52.04 Flt under 3" AC, 202 3/10/53

25+70.90 P.O.T. Stab

25+18.75

26+83.27
Set Hub

Imperial H.C.
Conc.
Paving

332.16

289.7

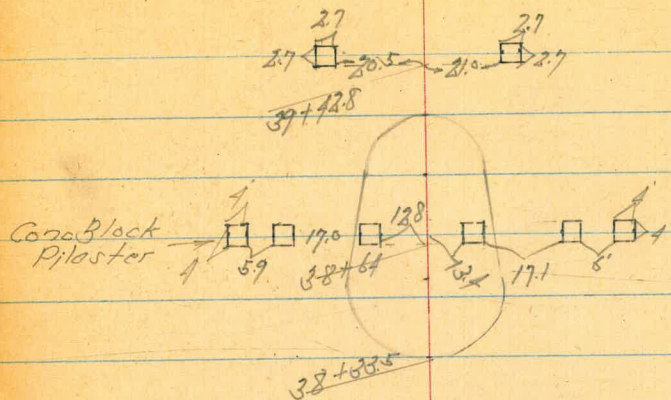
25+18.75
Flt 2" Pipe + P109

Standish St.



43rd St. Extension

14



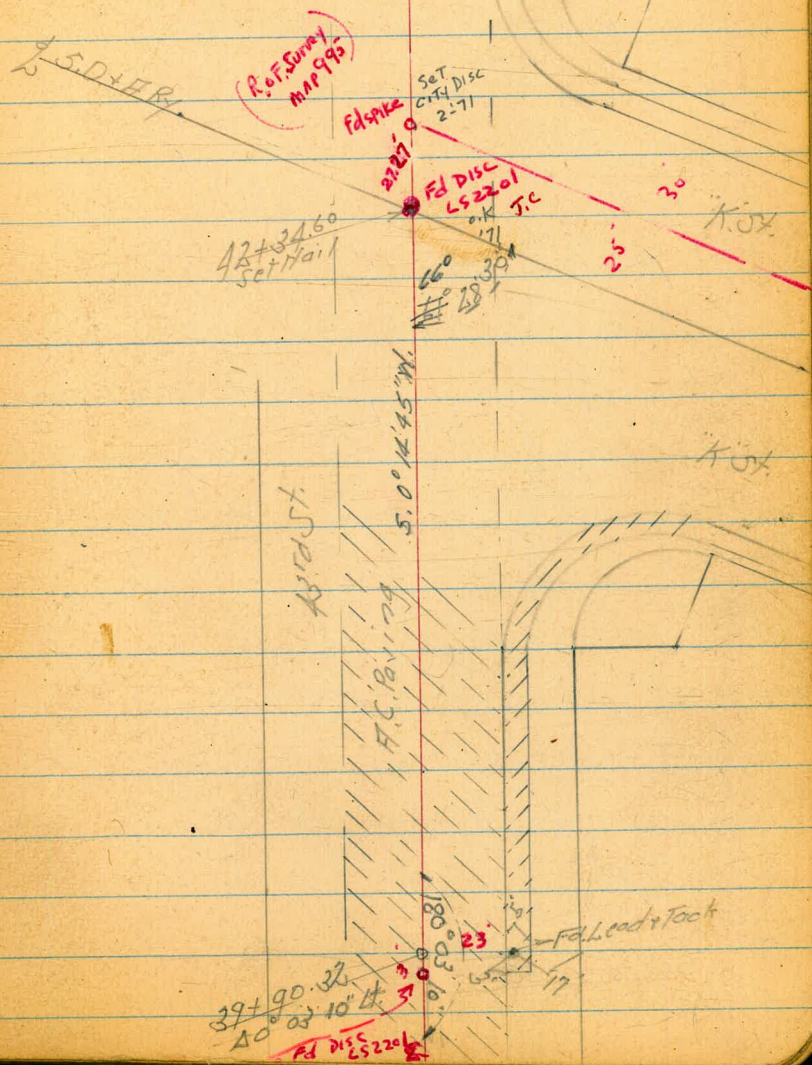
33700th set POT Hub 202 3/10/53

31700th set POT Hub 3/10/53

43rd St. Extension

Note: 43rd STRAIGHT through
 From L.S. DISC (Booth, Pg 15) to
 E MARKET
 J.C. (map # 2072)

42+3460 P.O.T.



39+90.32
 40° 03' 10" L
 Fd DISC 652201

Ref. Survey
 Map 999

Fd L+T

Set City Disc
 2:71

42+3460
 Set Nail

Fd DISC
 652201
 J.C.

25
 30

K.O.X.

K.O.X.

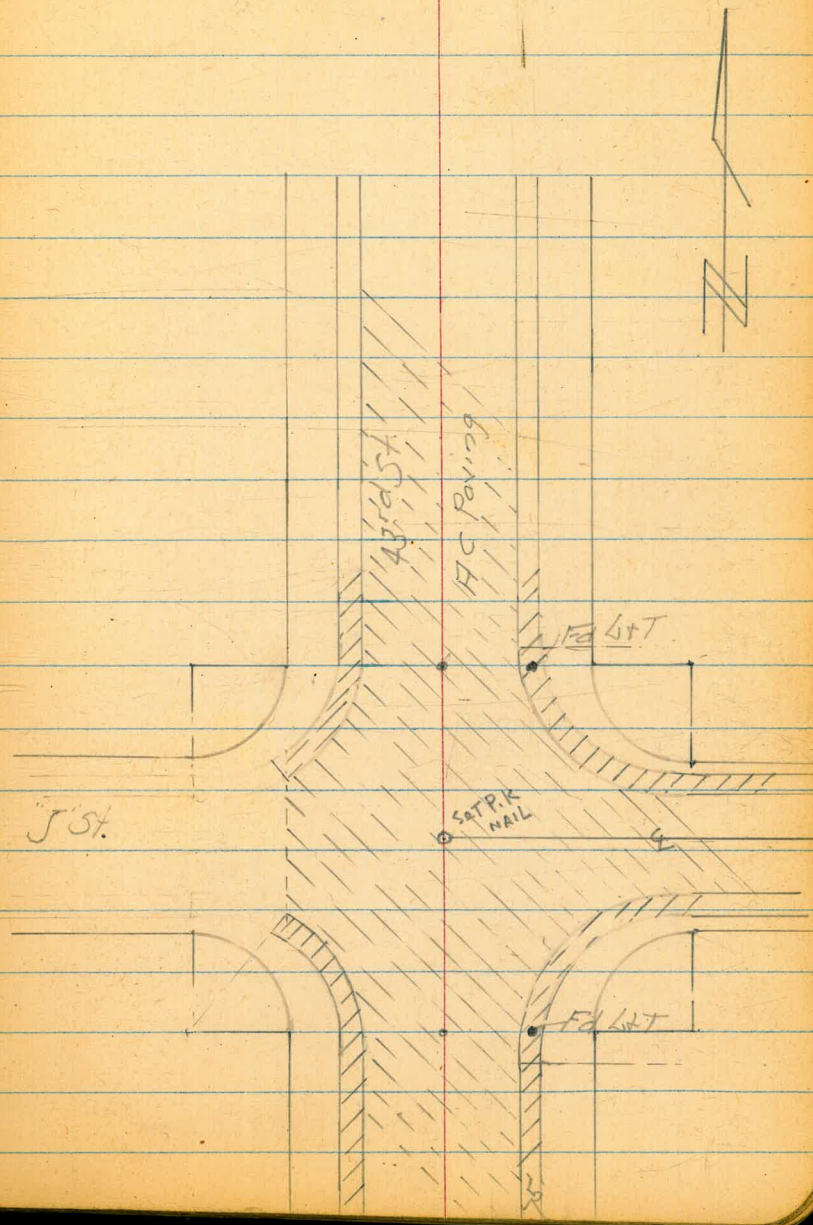
43rd St

F.C. Building

5.0° 14' 45" W.

Fd Lead & Foot

13rd St. Extension



15750 P.O.T. Nail

43rd St. Extension

59+75.63 Δ 0° 0' 40" Rt.

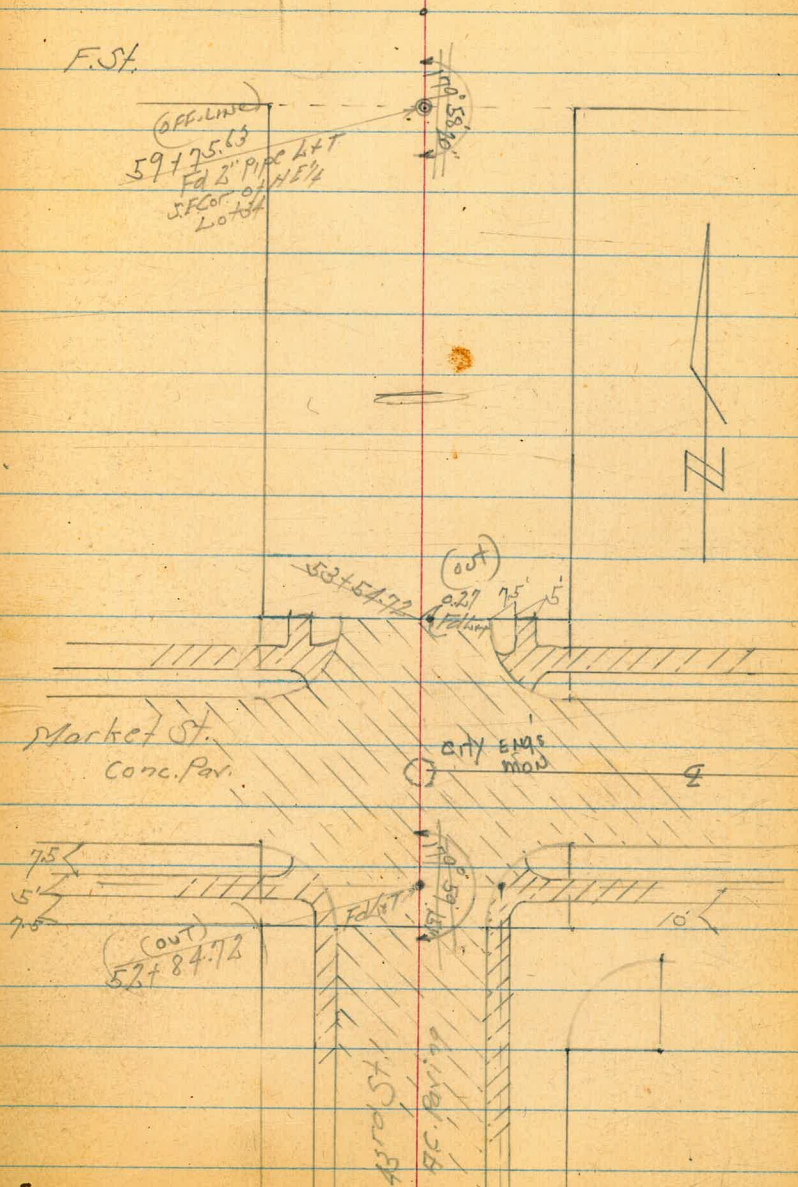
Note: } 43rd Plunged straight
 } through Farm & MARKET
 } to E Hill Top For Chollas #2
 } OPENING
 } AS PER F. PETERS
 } J.C.

52+84.78 Δ 0° 00' 45" Rt.

(17)

F. ST.

(OFF-LINE)
 59+75.63
 Fd 2" PIPE L+T
 SFCOR. OF THE
 LOT



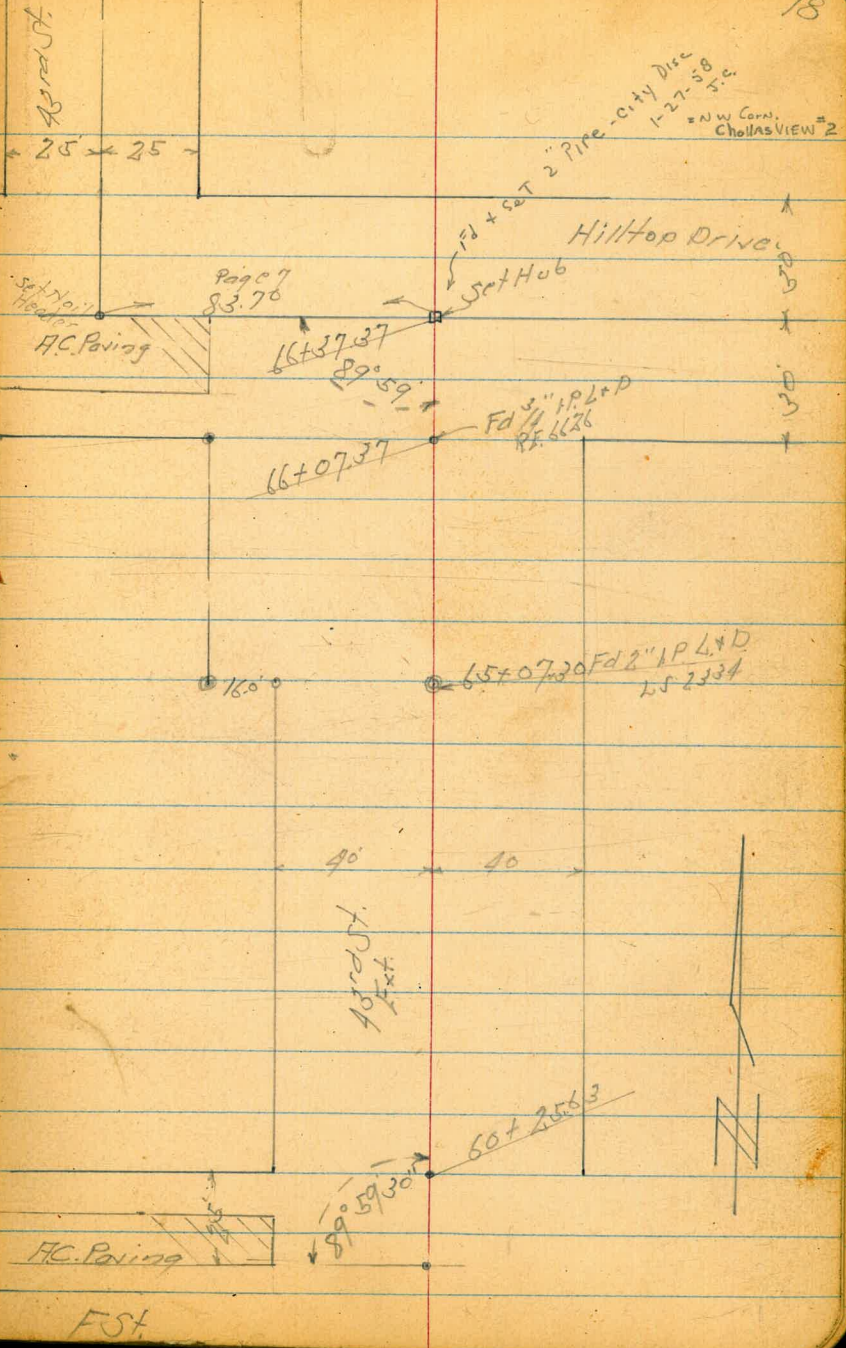
43rd St. Extension

66+37.37 = Hub

65+07.30 = 2" I.P.L. + D

64+37.73 = P.O.T. Stub

Den by St.



1-27-58
= NW Corn.
Chollas VIEW 2

Hilltop Drive

Set Hub
H.C. Paving

Page 7
83.76

65+37.37

89° 59' 30"

Fd 3" I.P.L. + D
P.F. 6526

66+07.37

160

65+07.30 Fd 2" I.P.L. + D
L.S. 2334

40

40

43rd St. Ext.

H.C. Paving

60+2563

89° 59' 30"

F.S.T.

+ 62.8° FC.

+ 50

69+0

68+58²⁶ RT.

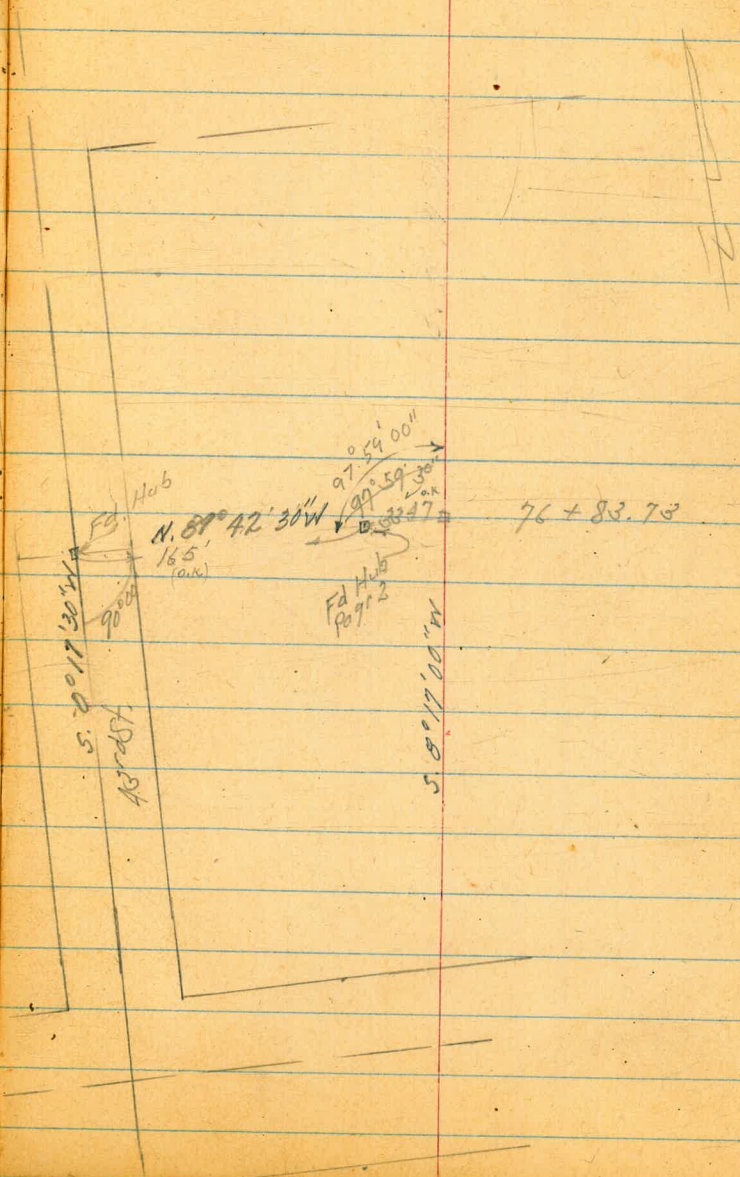
+ 50

68+0

67+58.87 BC RT

(4° 00')
 Δ 8° 00' RT.
 R 1500
 T 104.89 ✓
 L 209.43 ✓
 DI

76+83.73 P.O.T.



76+83.73

5. 0° 17' 30" W
 137.05
 Fd Hub
 165 (cont)
 90°
 11. 87° 42' 30" W
 97° 59' 30"
 2.30
 Fd Hub
 P.O.T.
 5. 8° 17' 00" W

Garber - Aug. 2, 51
Rorer
Gisson
Bertolucci

87+00

86+00 P.O.T.

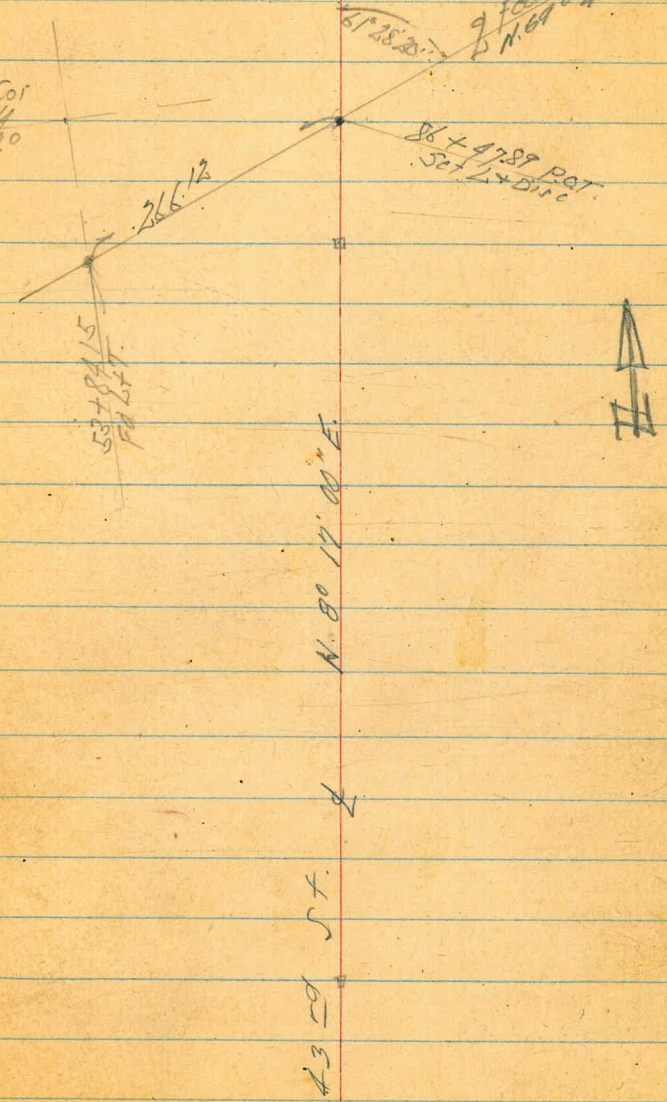
85+00

84+00

83+15.00 P.O.T.

21.

N.E. Cor
of S.E. 1/4
Lot 20



Federal Blvd
N. 69° 45' 20" E.

91+00

90+08.32 P.I. 2x2 $\Delta = 2112.15''$ Lt.
 (10° 36' 07.5")

90+00

$R = 1500$

$T = 280.77$ ✓

$L = 555.12$ ✓

89+00

88+00

87+27.55 B.C. (Not set)

95+00

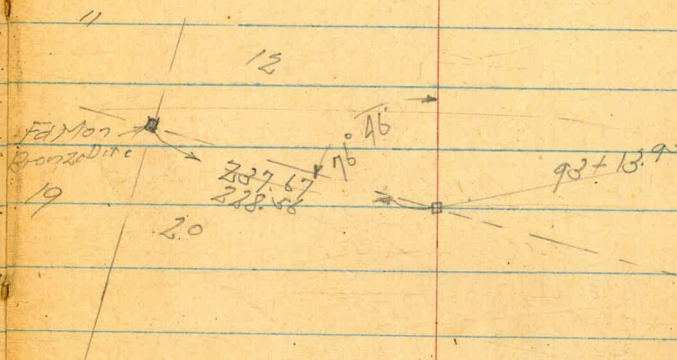
94+00

+13.93

93+00

92+82.67 E.C. 2x2

92+00



19.2

99+95.40 P.O.T. 2x2 Disc. (Walker)

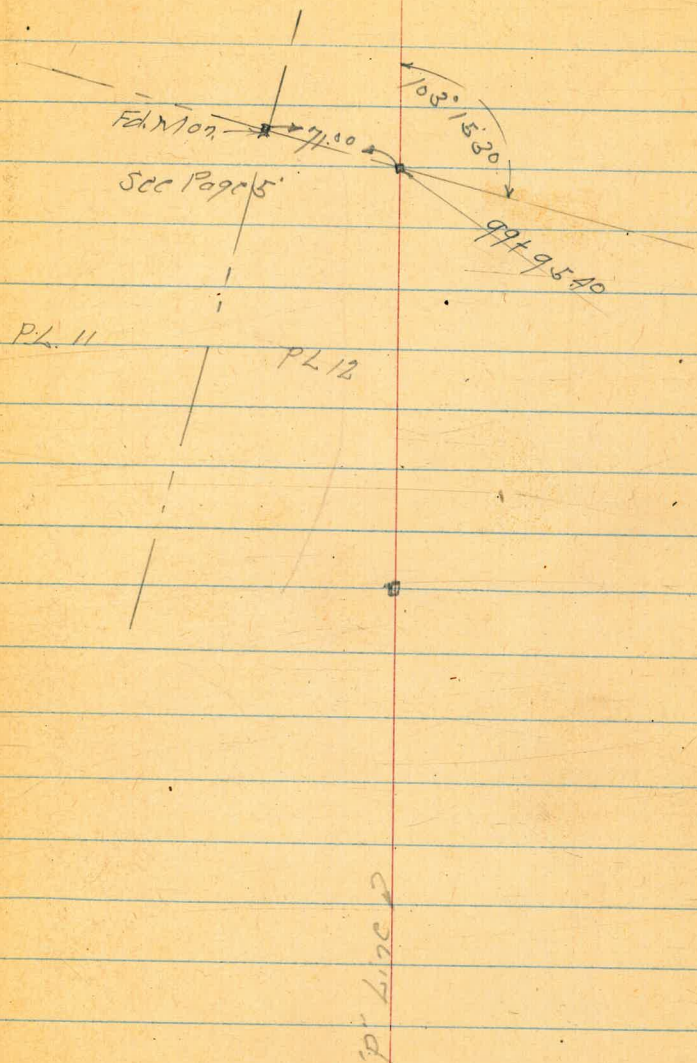
99+00

+13.60 P.O.T. 2x2 Disc. (Walker)

98+00

97+00

96+00



105+00

104+00

+21.67 P.O.T. 1X1

103+00

102+00

101+00 P.O.T. 1X1

Fd M^o 7
Page 24

TP #19
662.15

299.27

103+02.75

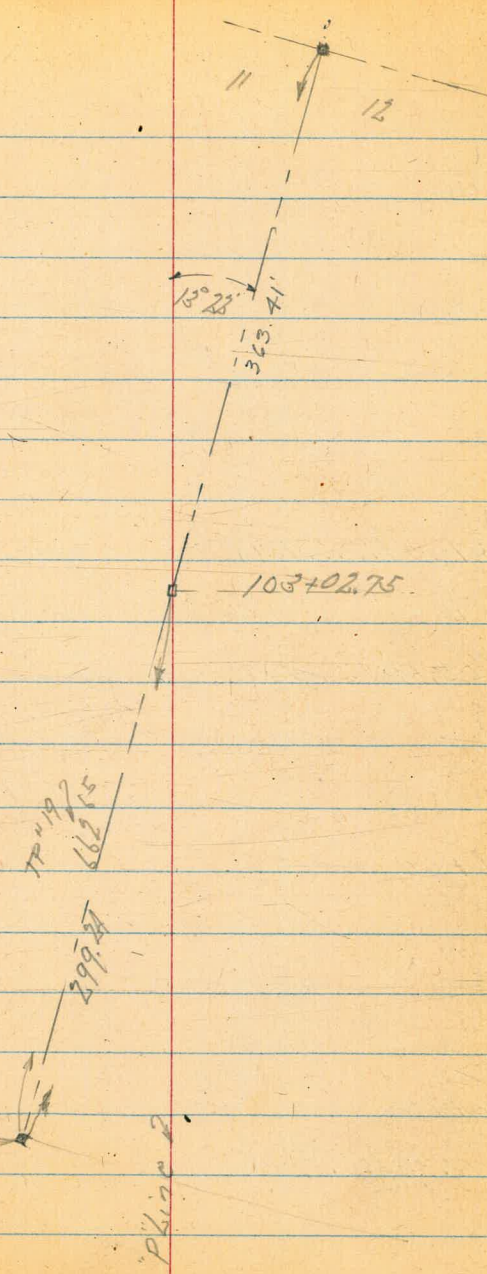
323.41

13° 28'

11

12

Phone #



7

109+00

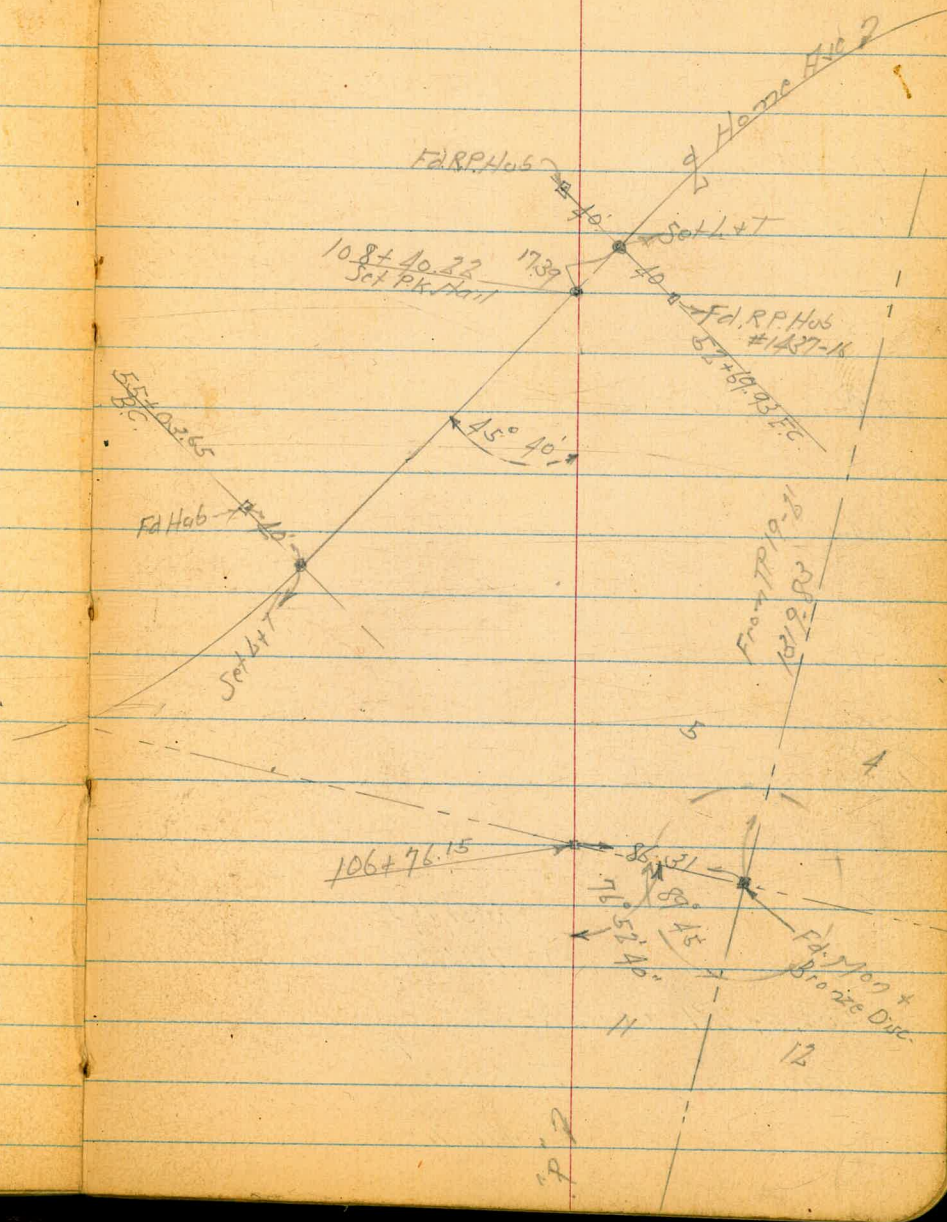
108+00 P.O.S.T. 1X1

+63.73 B.C. 2X2

107+00

106+00

+77.30 P.O.T. 1X1



114+00

+07.63 P.O.T. 1X1

113+00

+40.67 F.C. 2x2

112+00

111+00

 $(13^{\circ}39'45'')$
 $\Delta = 2719.30 \text{ R.L.}$
+06.84 P.I. 2x2 $QR=1000$

110+00

 $T=243.08$ $L=476.91$

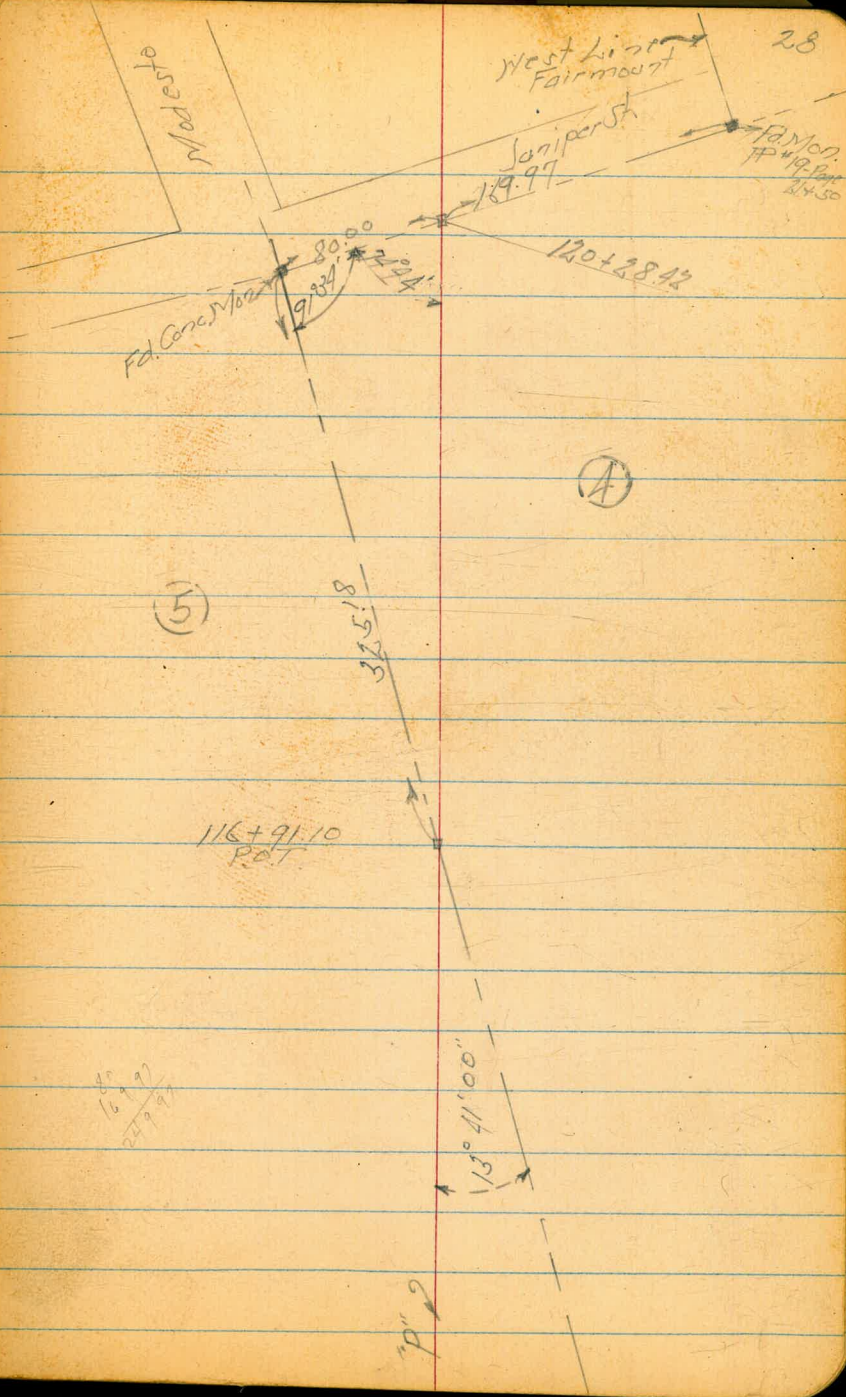
119+00

118+00

117+00 P.O.T. AXI

116+00

115+00



40.24
28.42
15.82

123+00

122+00 P.O.T. 2x2

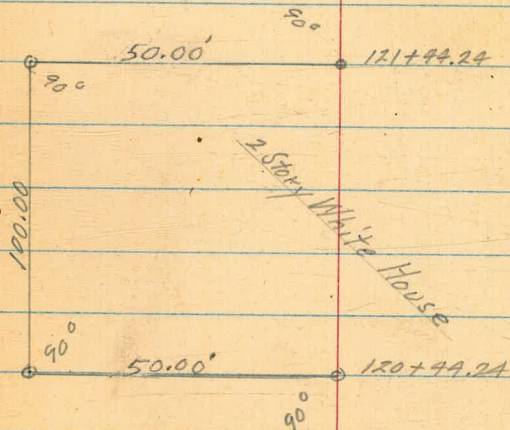
+44.24

121+00

+44.24 P.O.T. 2x2

40.24
28.42
15.82

120+00



+90.22 B.C. (Not set)

127+00

126+00

+13.04 P.O.T. 2x2 (No. Rim Cañon)

125+00

124+00

Begin on Pg-2

+30.20 E.C.

130+00

+10.79 P.I. (Chis. X) (6° 52' 30")

129+00

$\Delta = 13.45' Lt.$

$R = 1000$

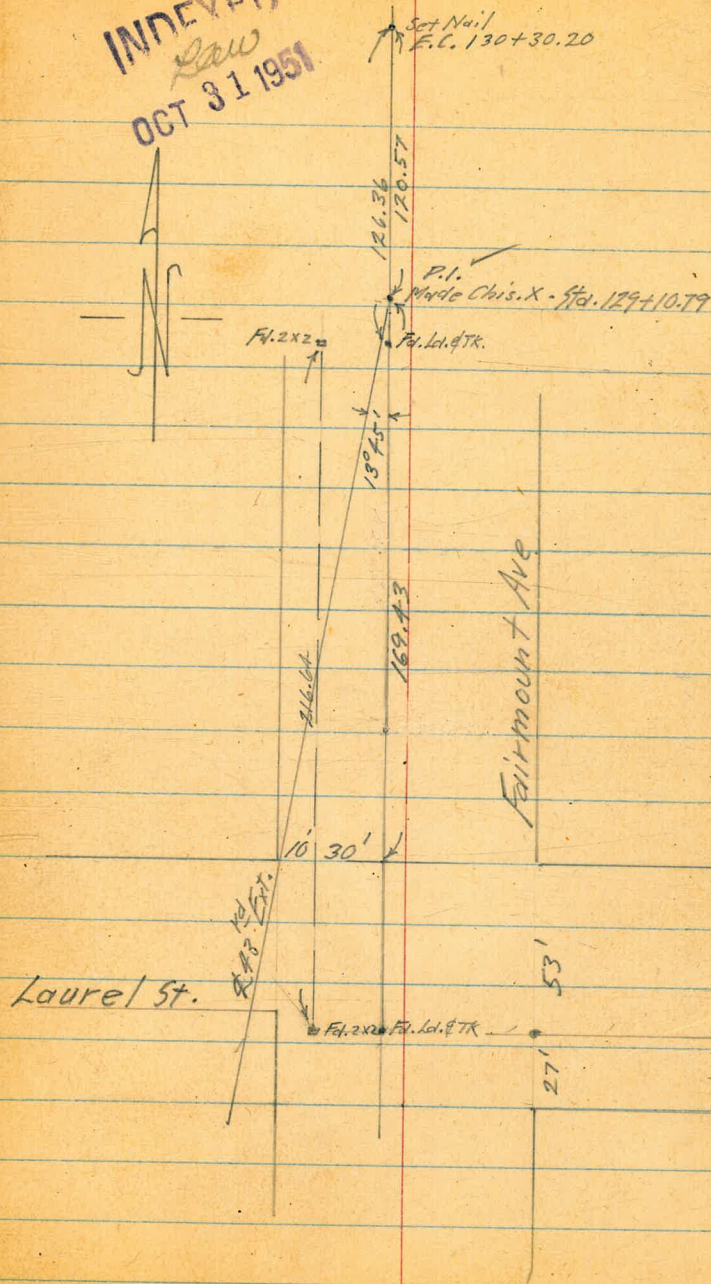
$T = 120.57'$

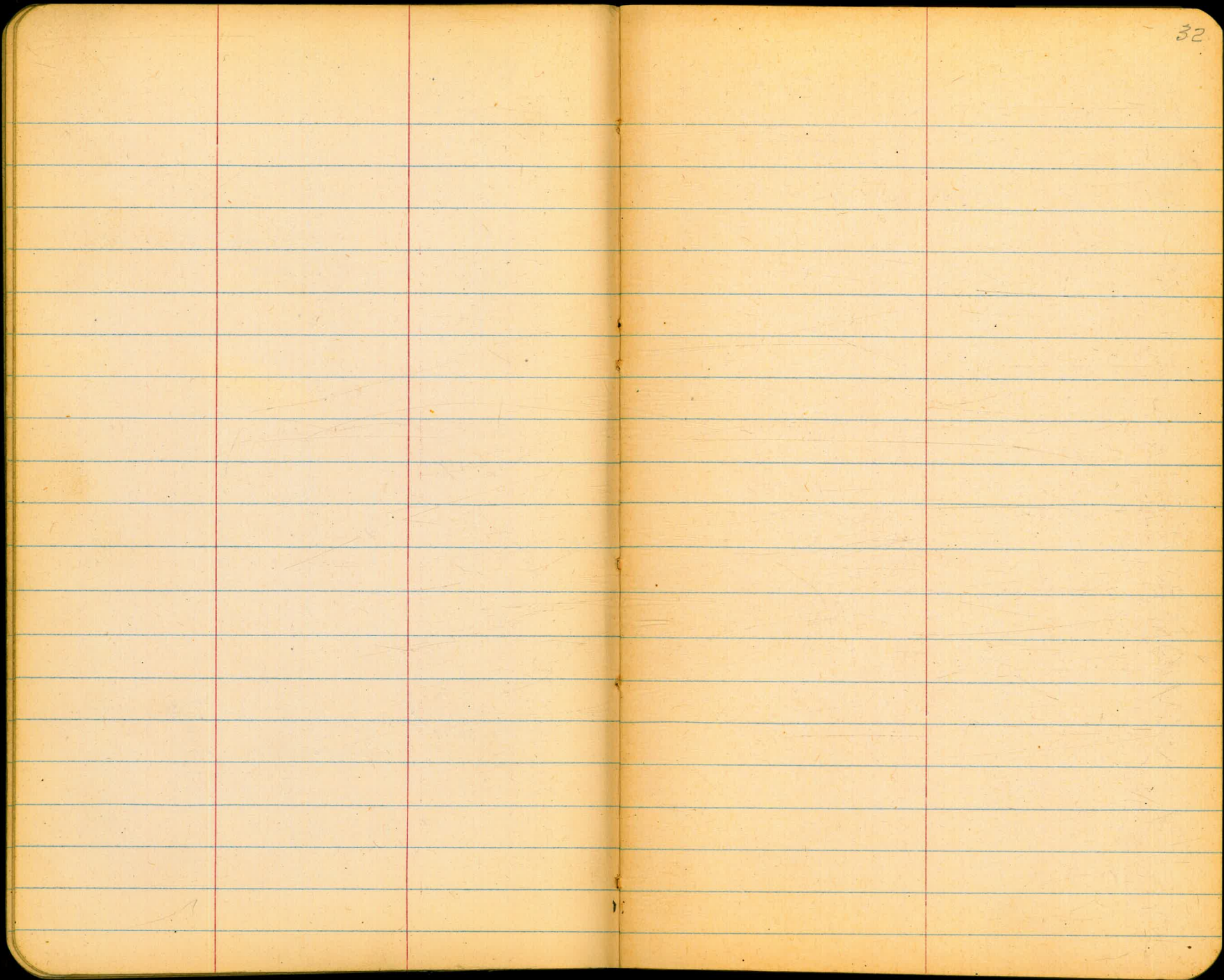
$L = 239.98'$

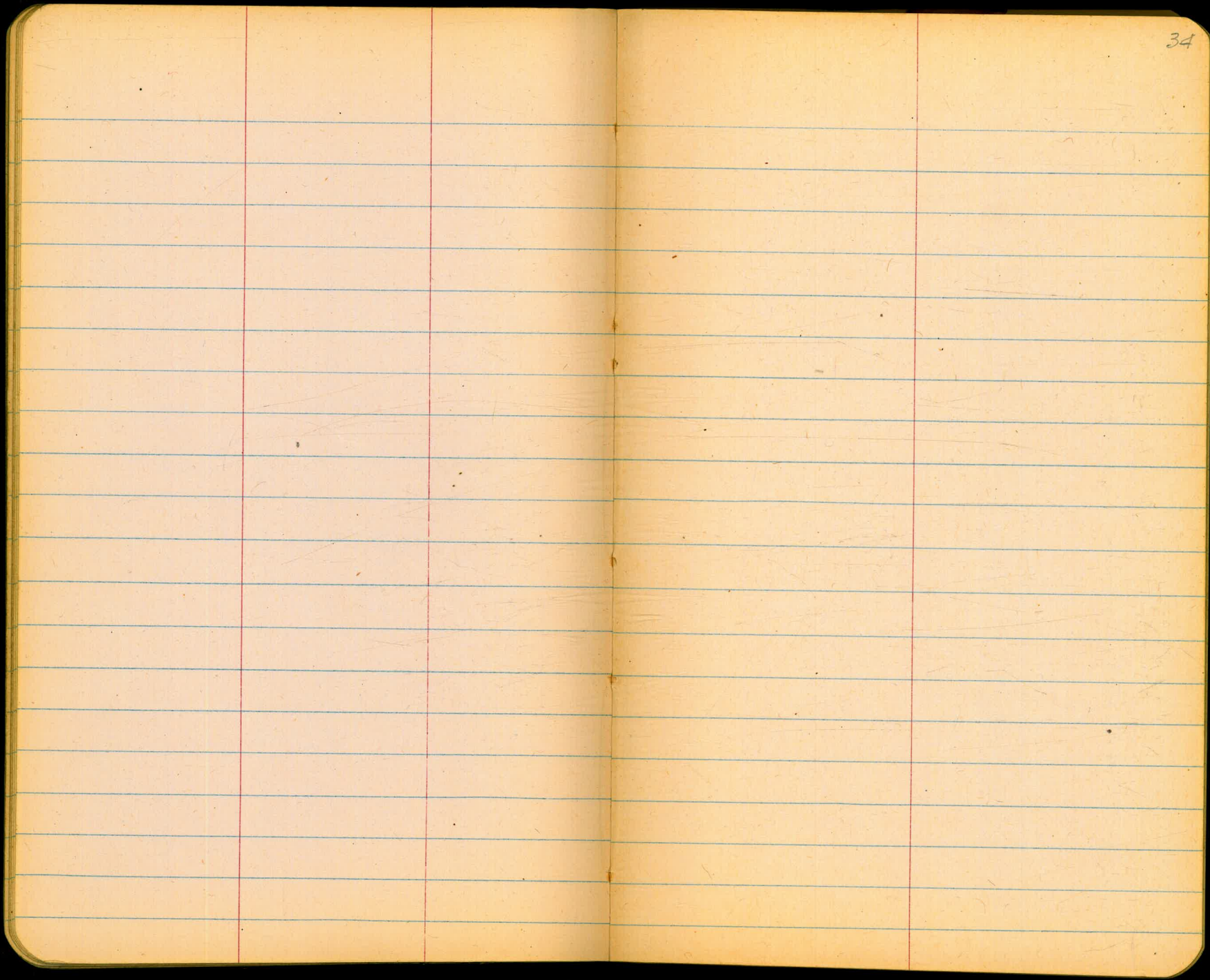
128+00

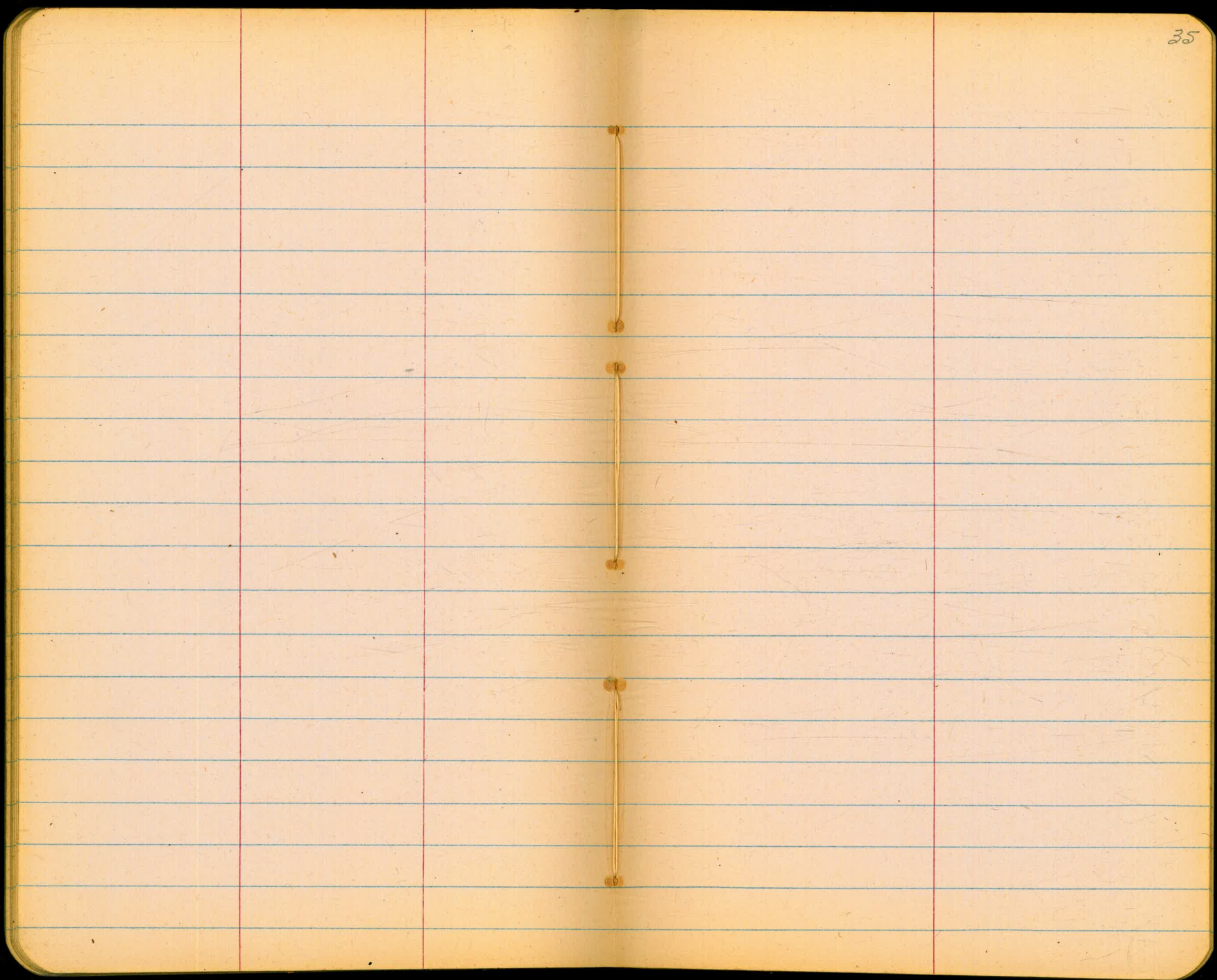
INDEXED
Law
OCT 31 1951

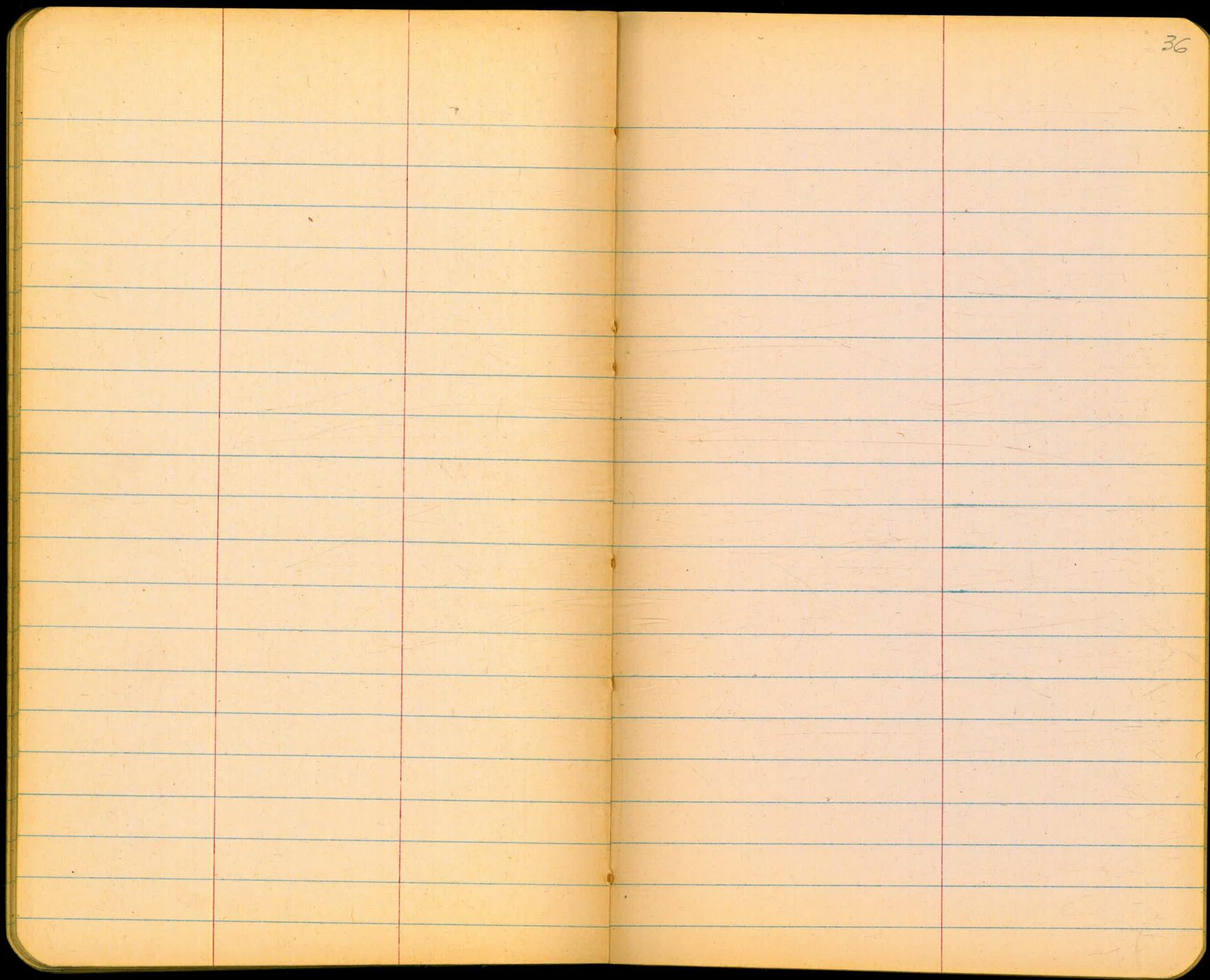
31



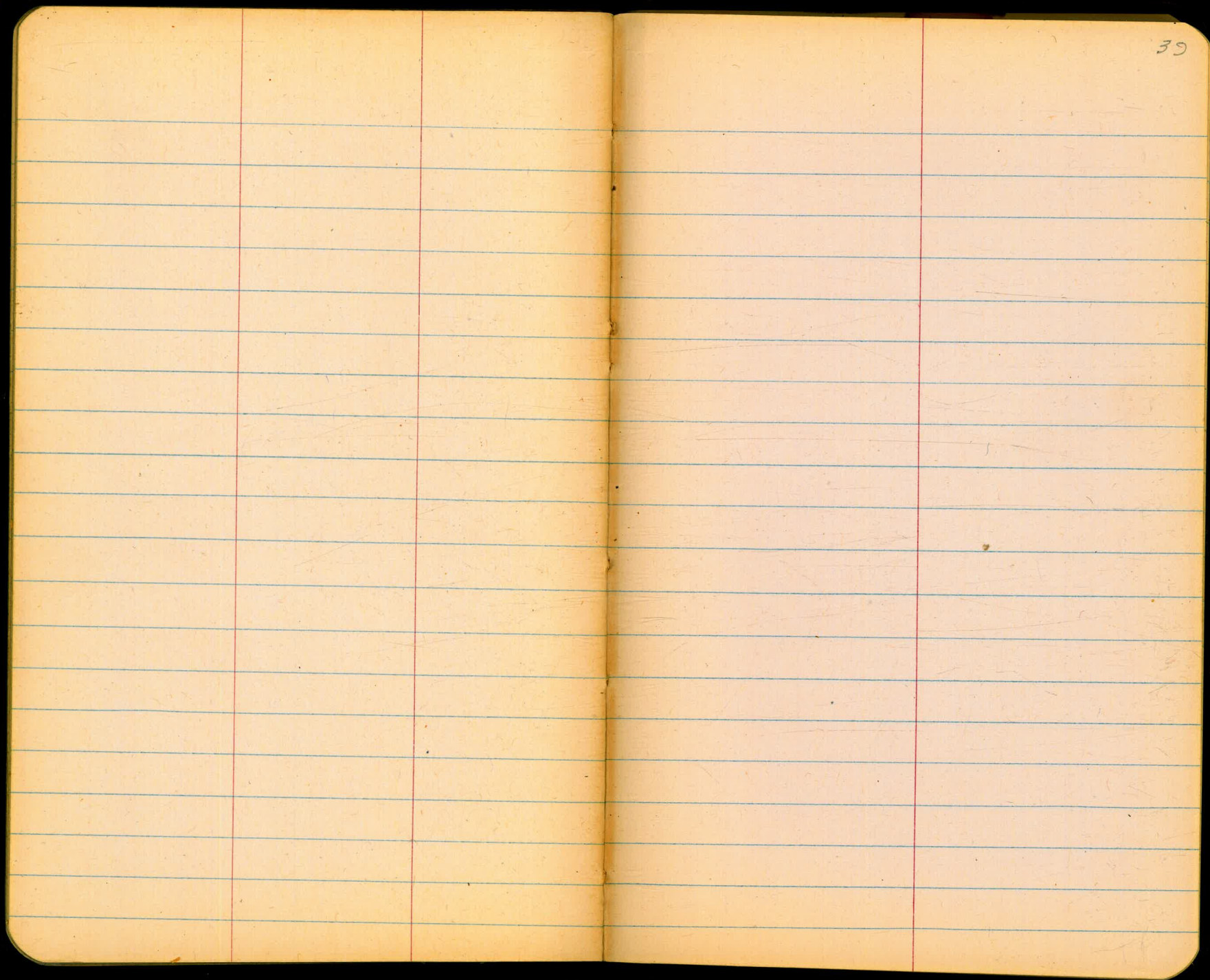


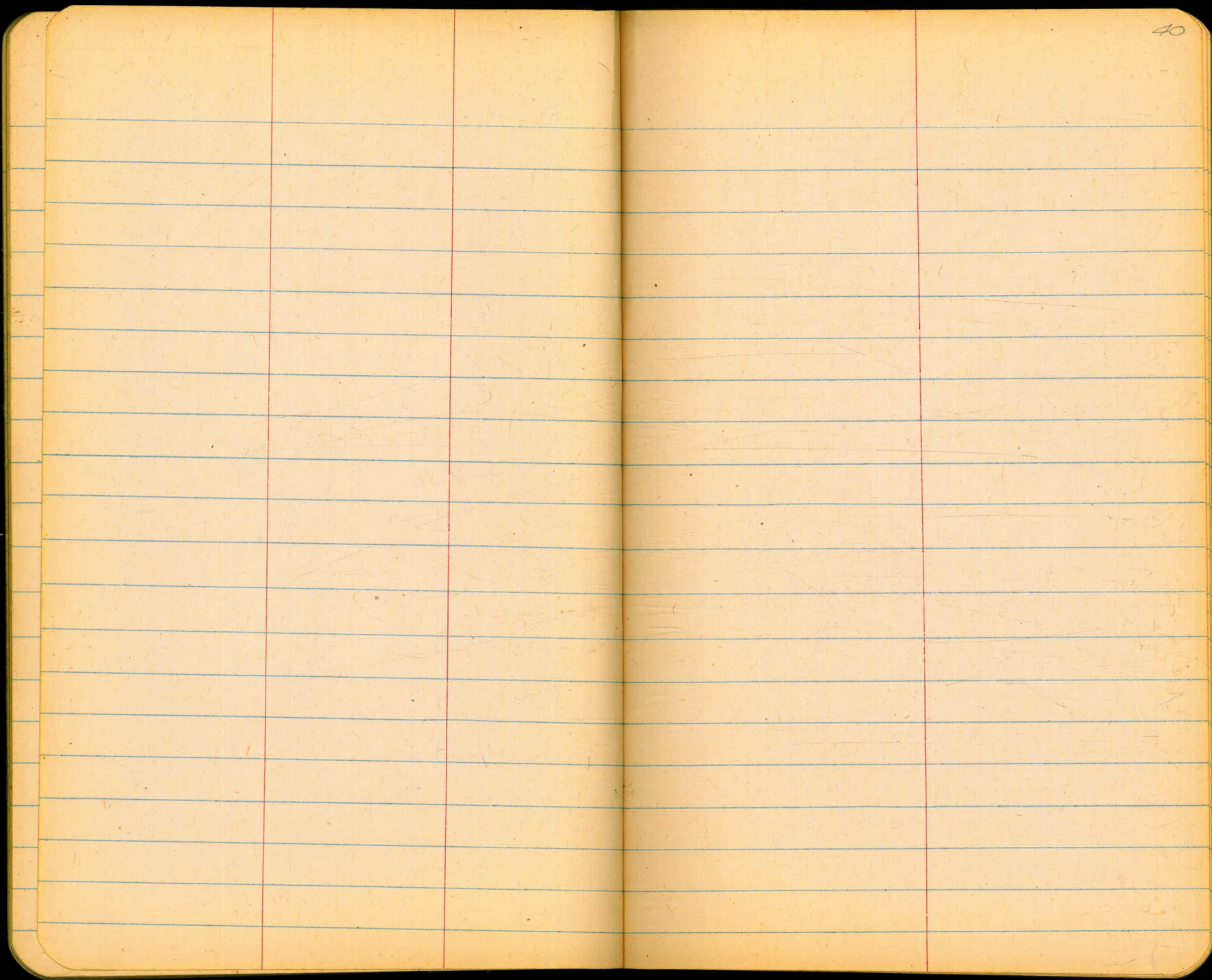


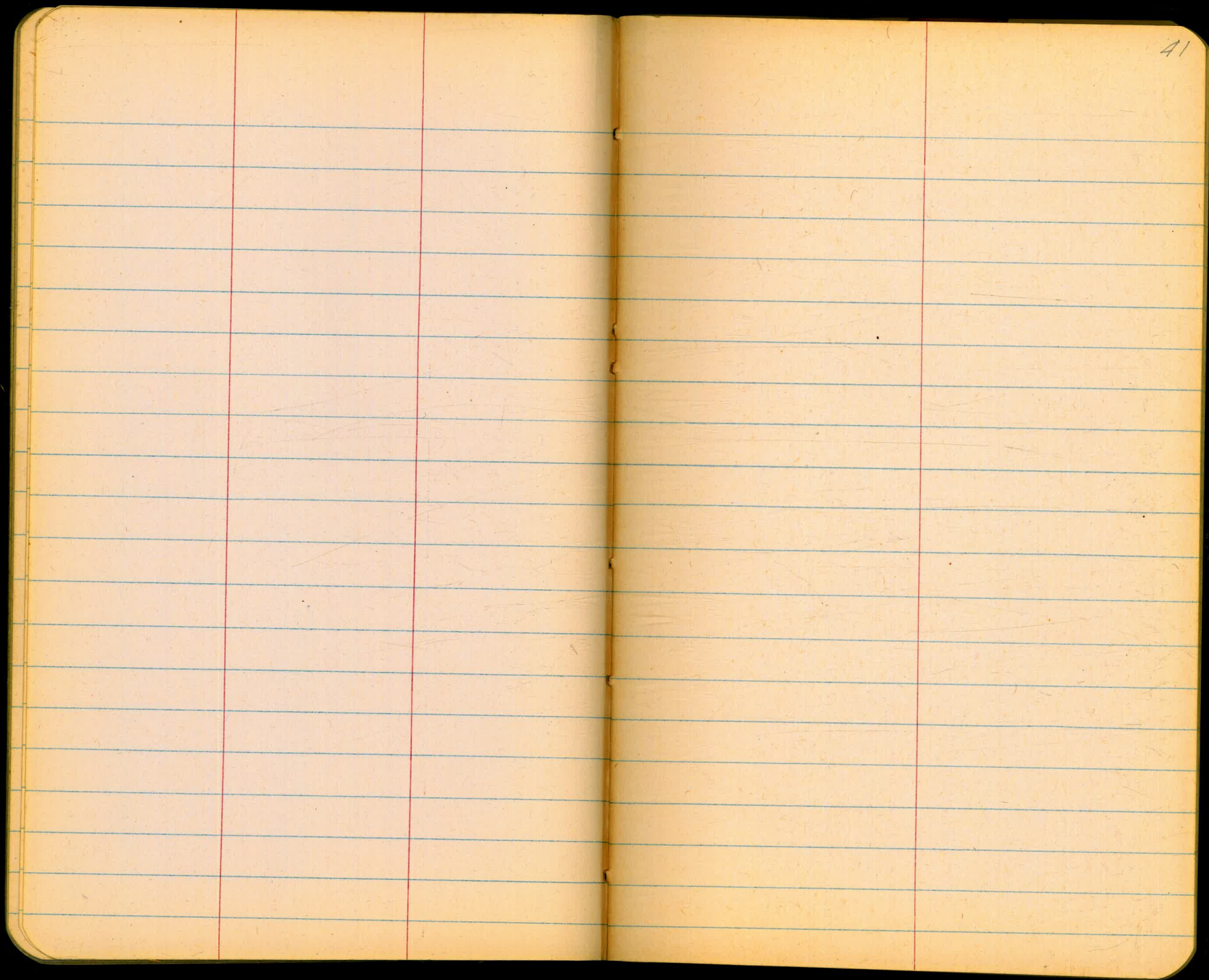


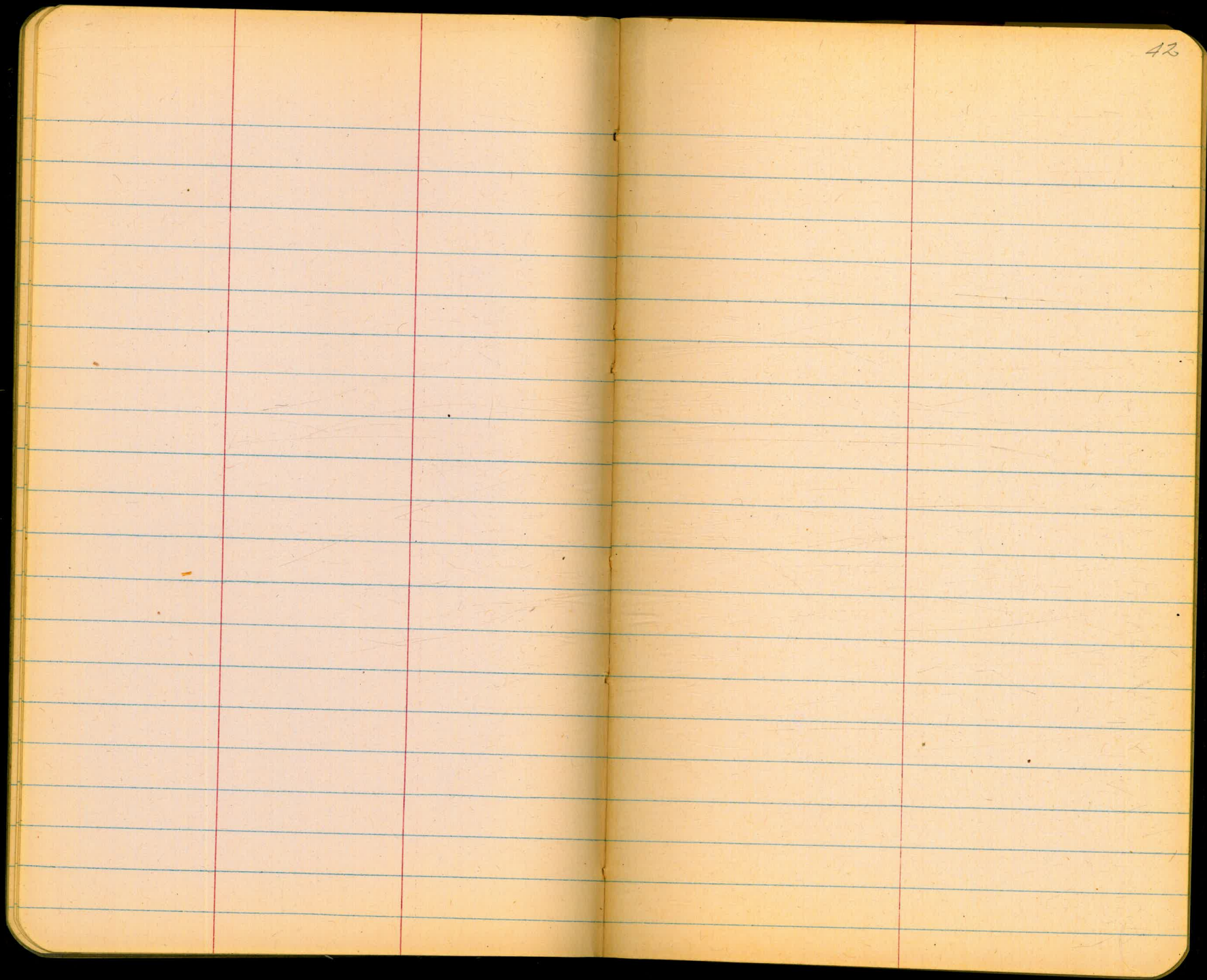


The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is present on the left side of each page. The right page has the number '38' written in the top right corner. The notebook is set against a black background.

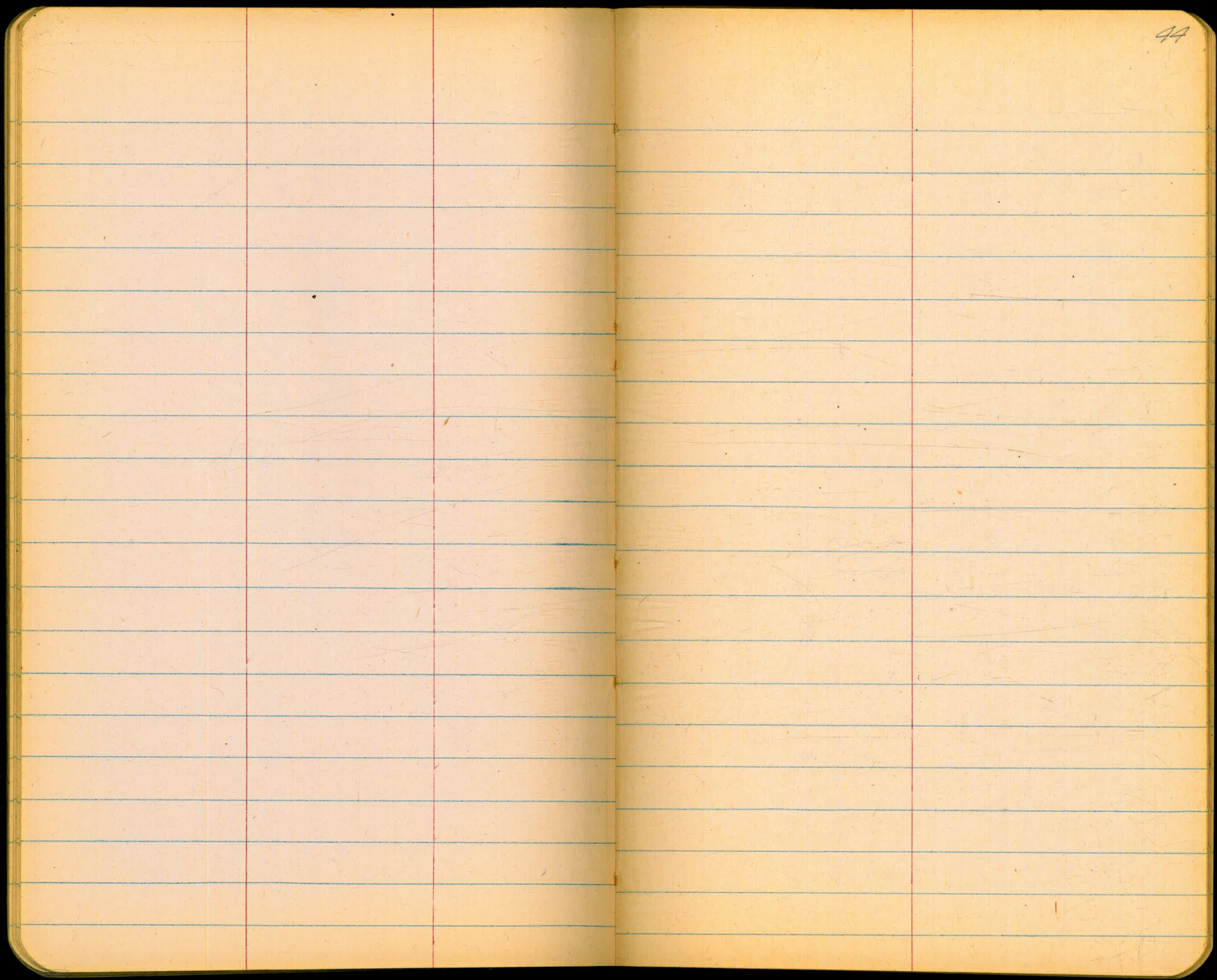


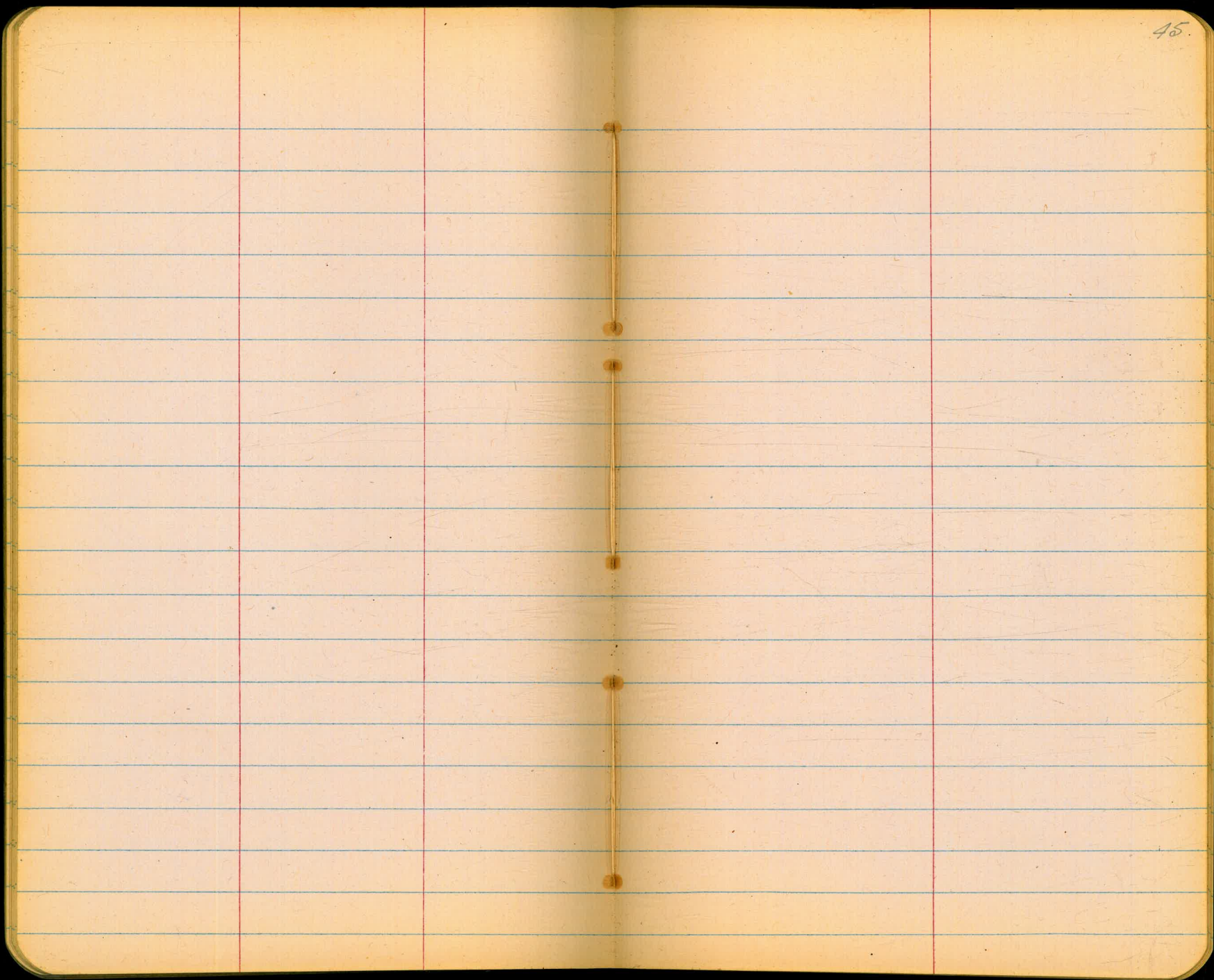


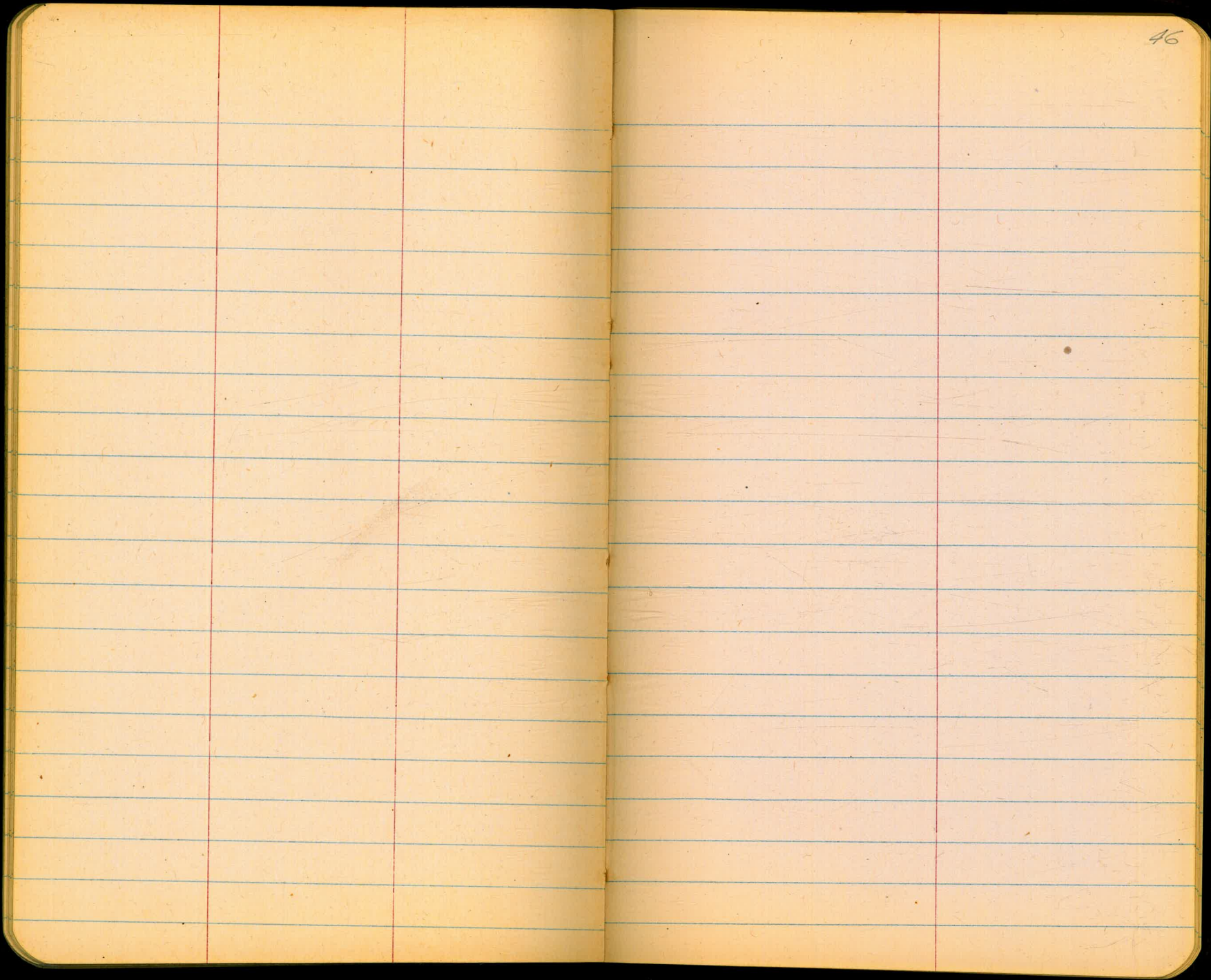


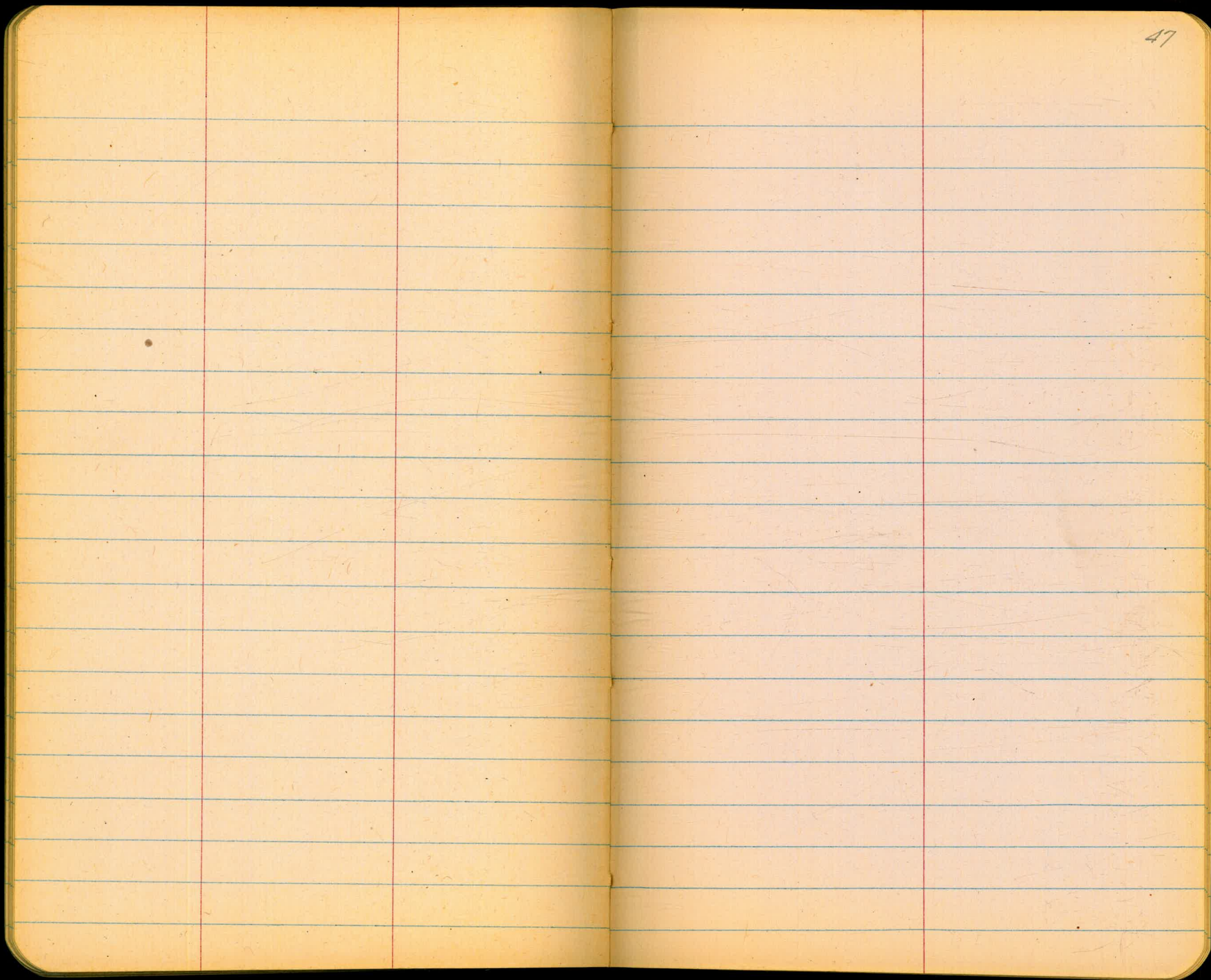


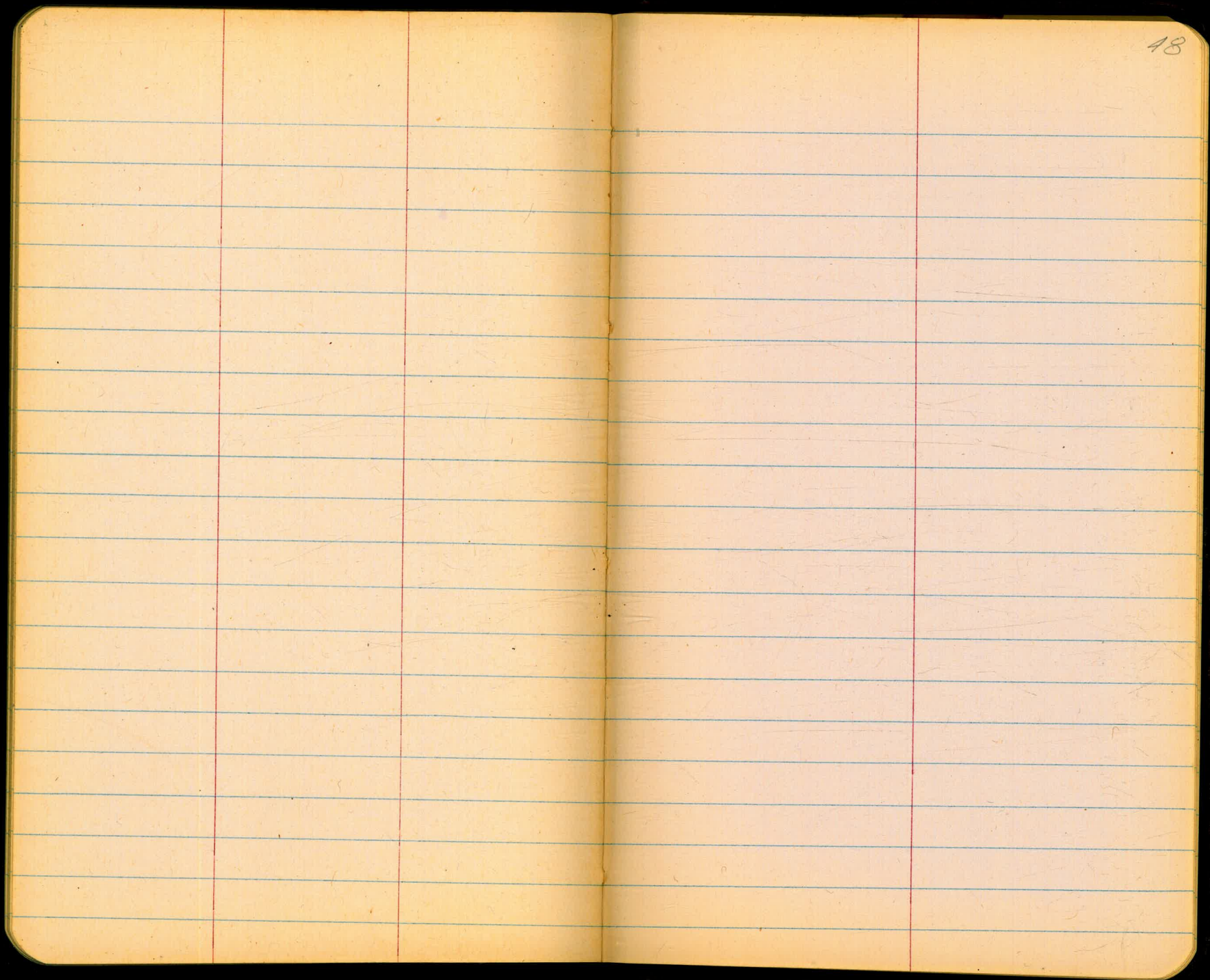
The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page is divided into three vertical columns by two vertical red lines. The right page has the number '43' written in the top right corner. The notebook is set against a black background.

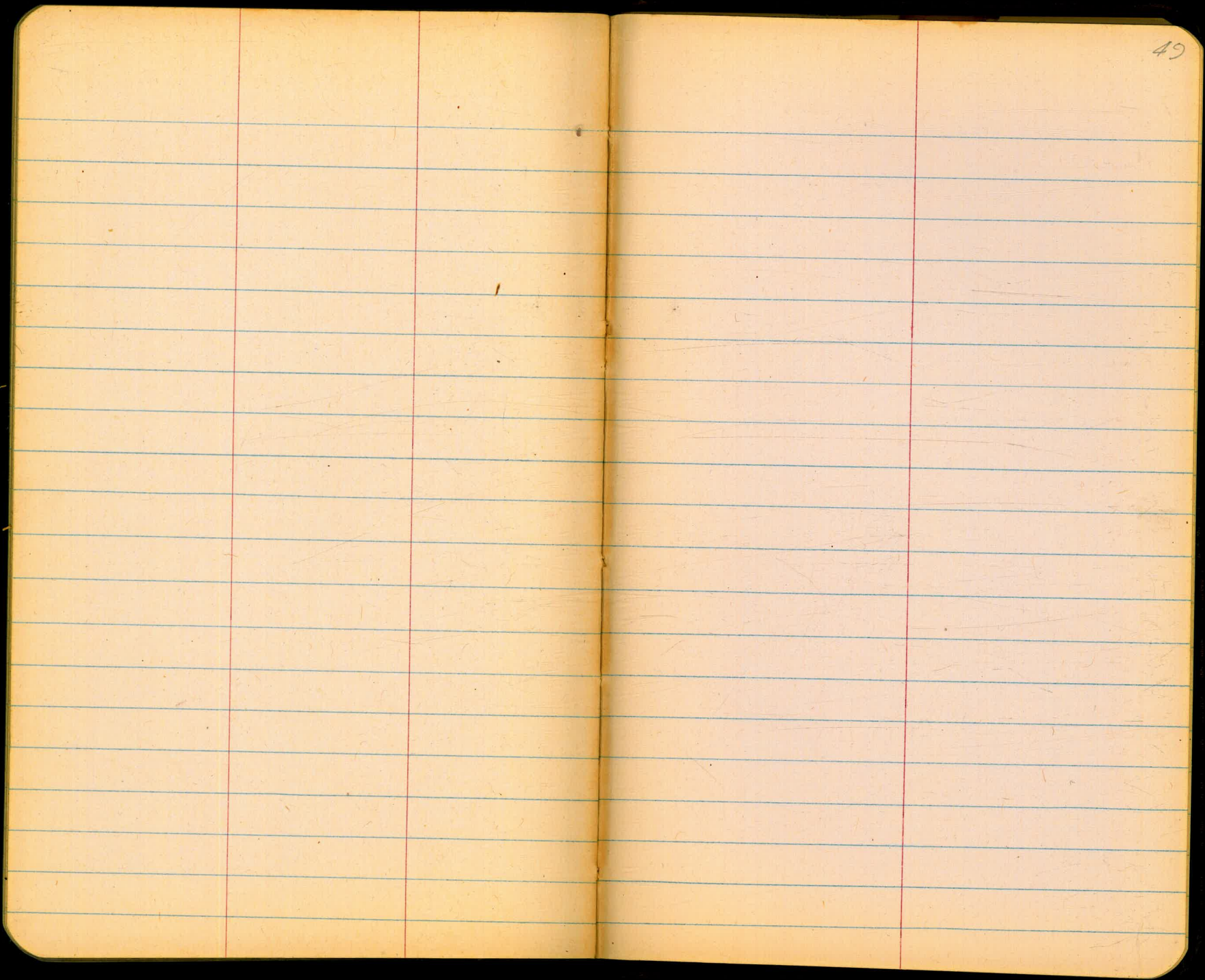




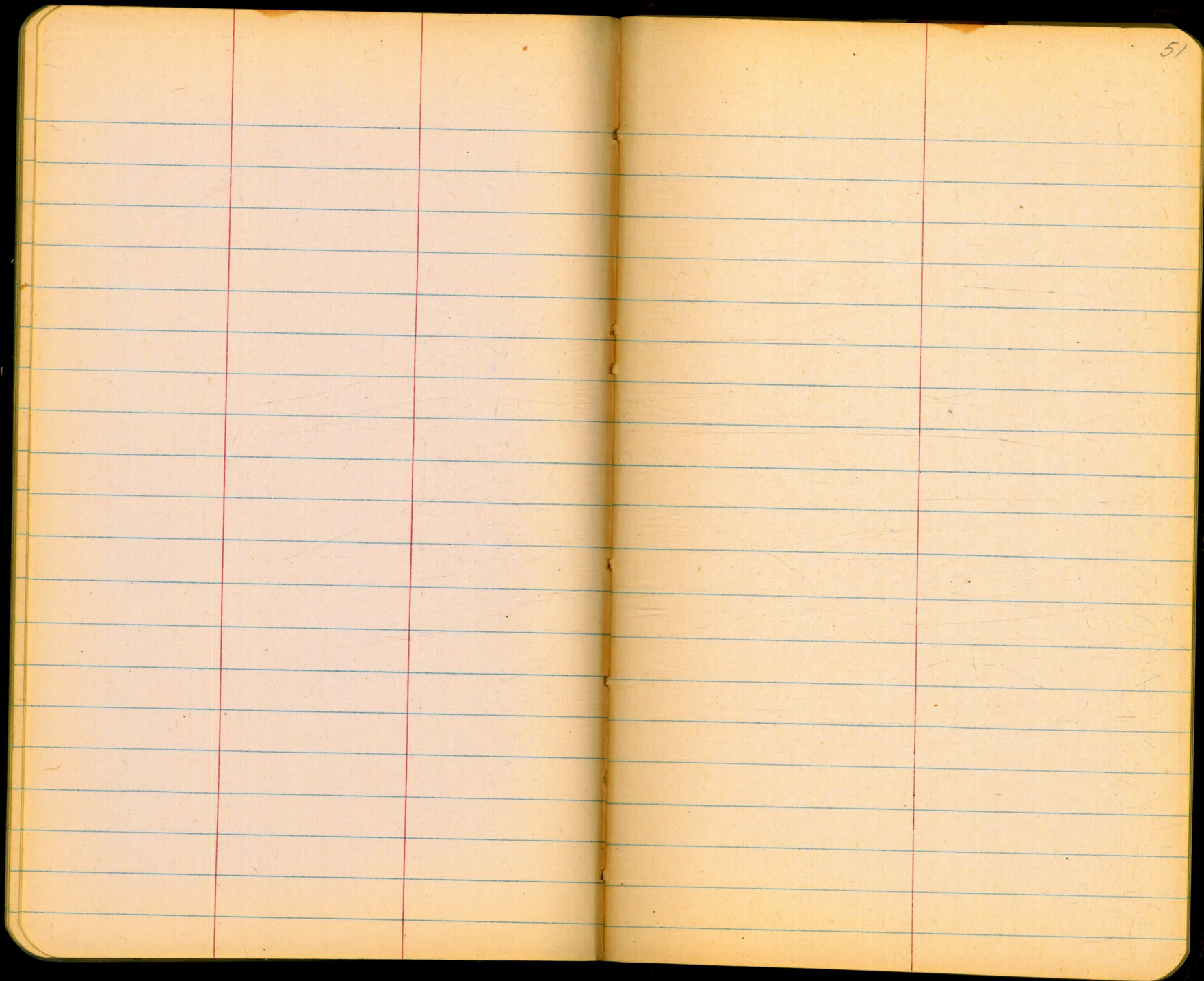


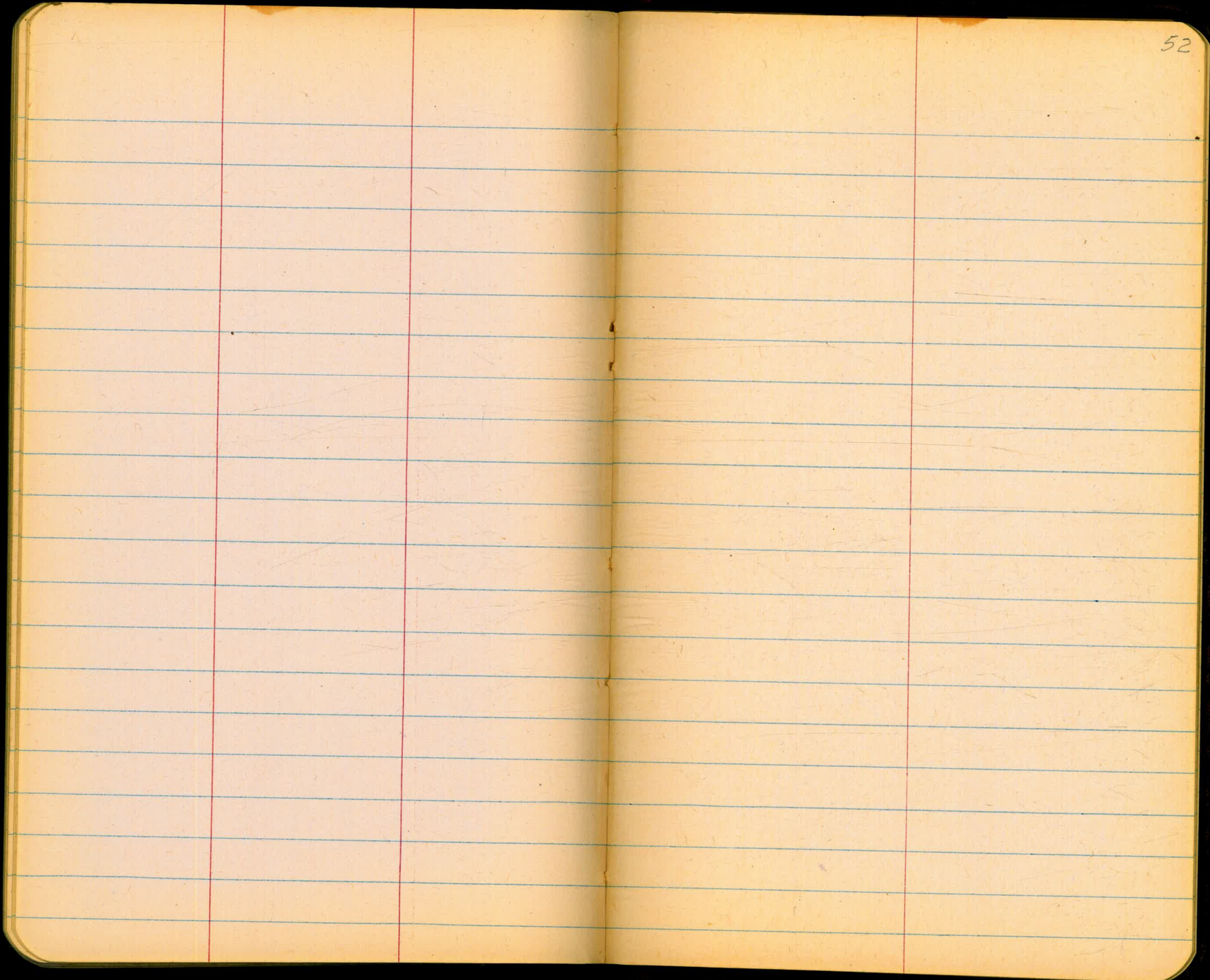


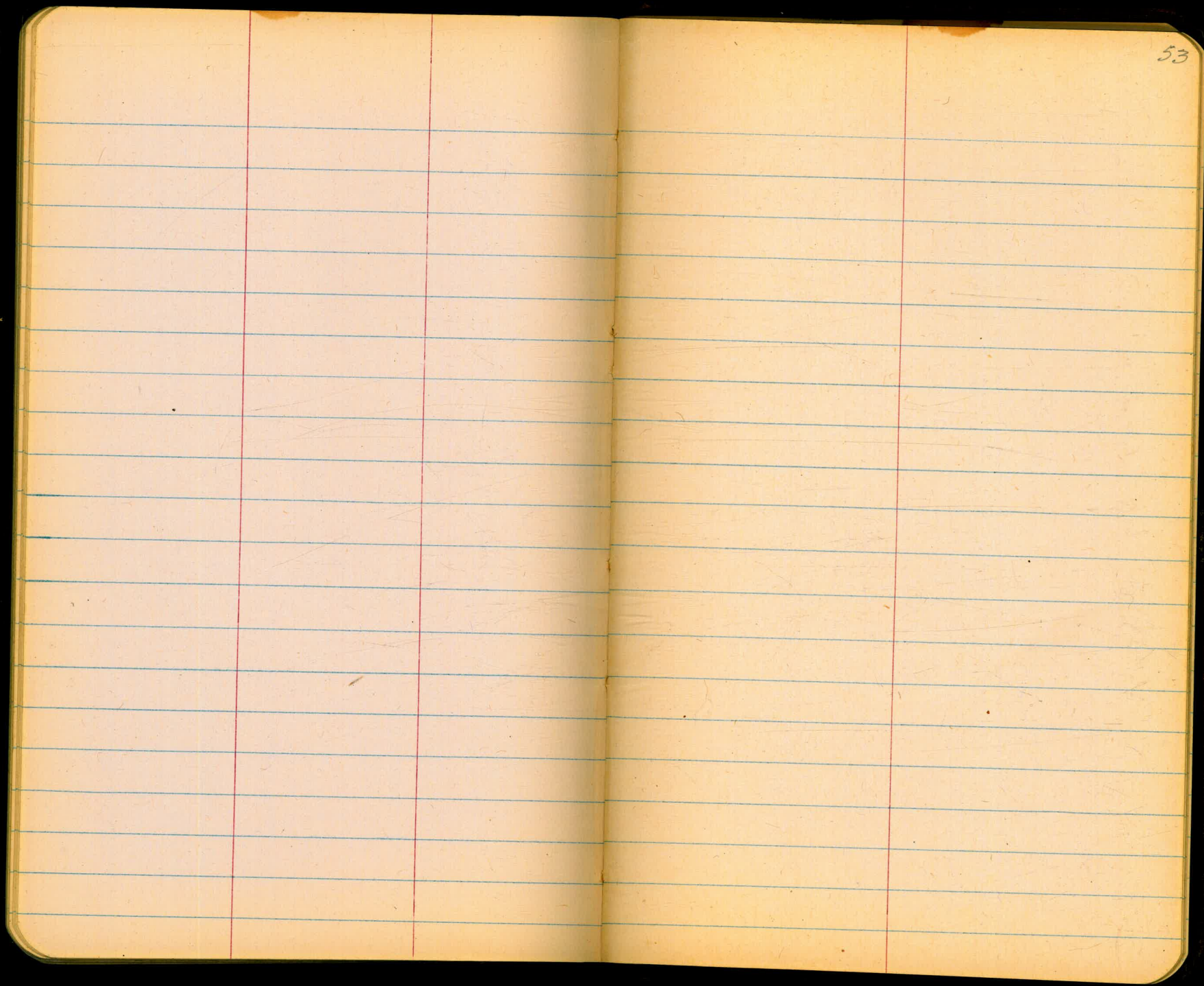


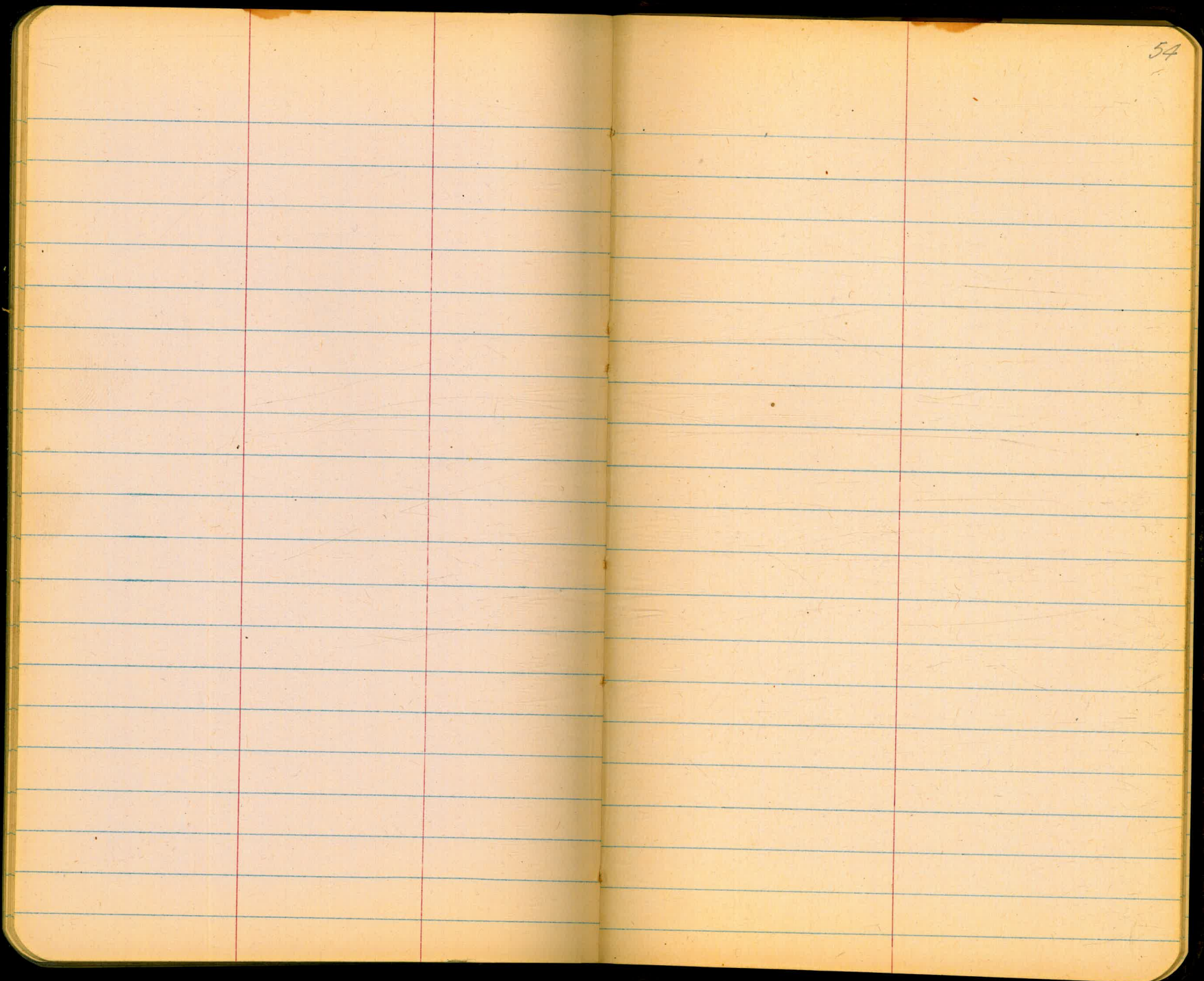


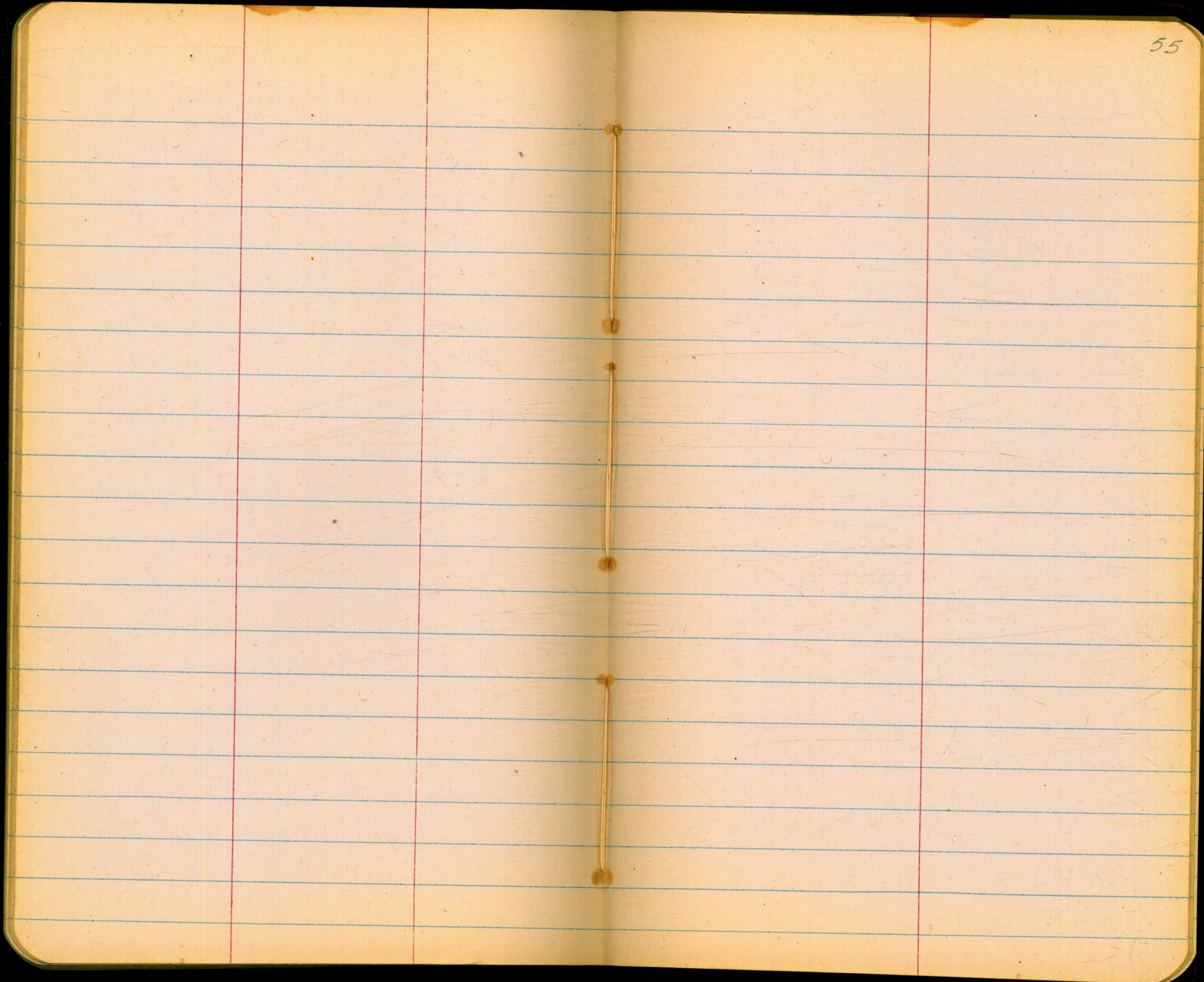
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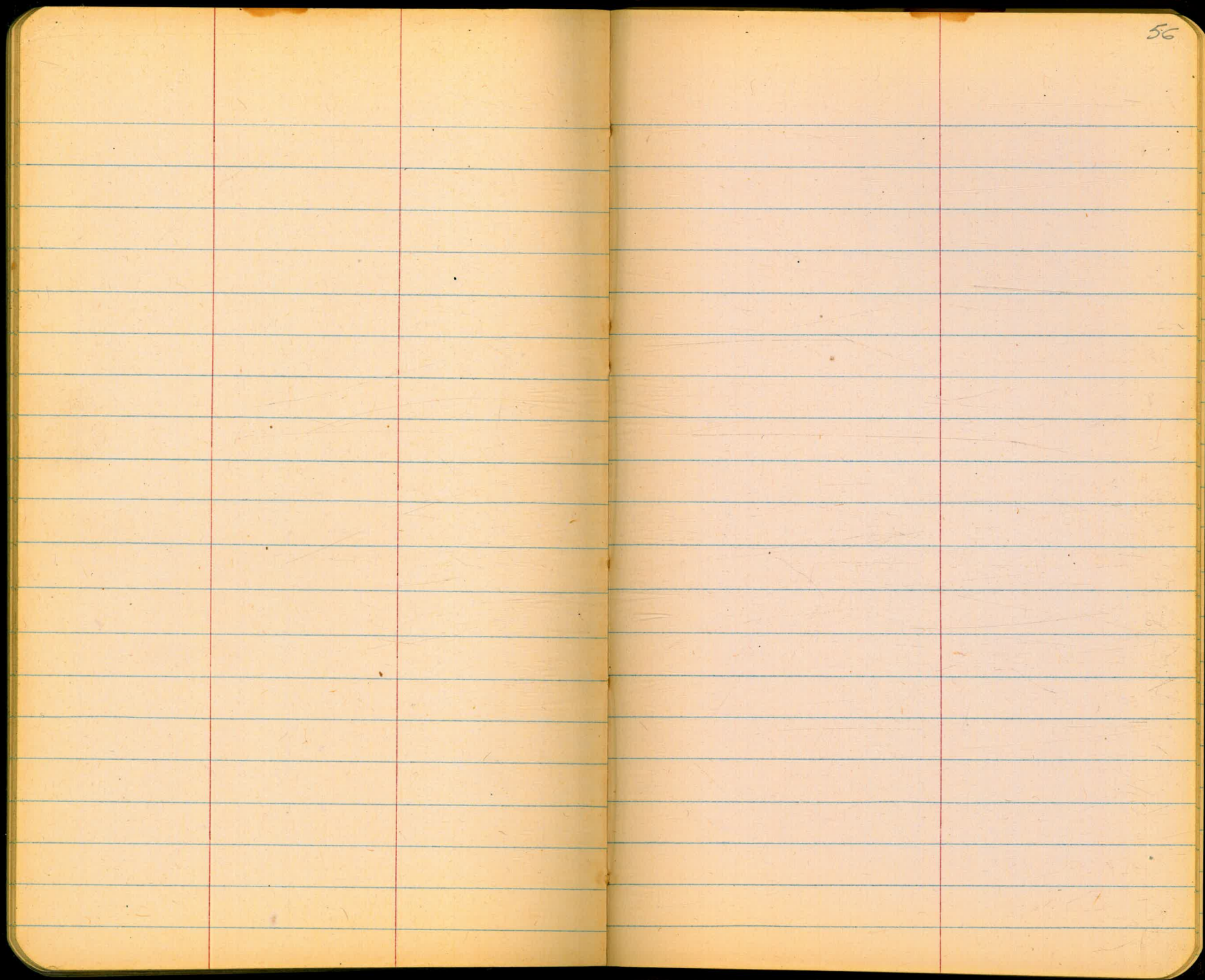


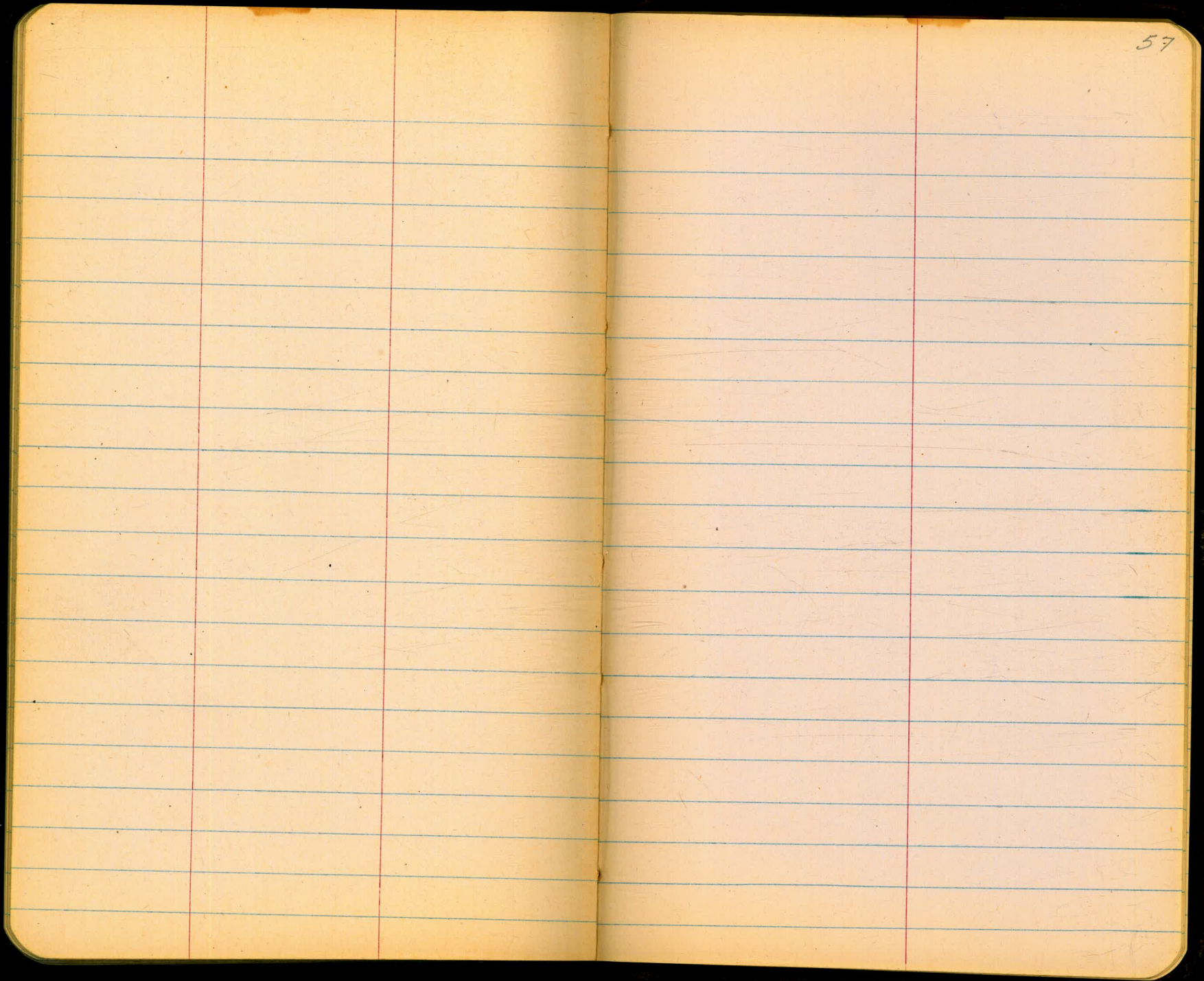


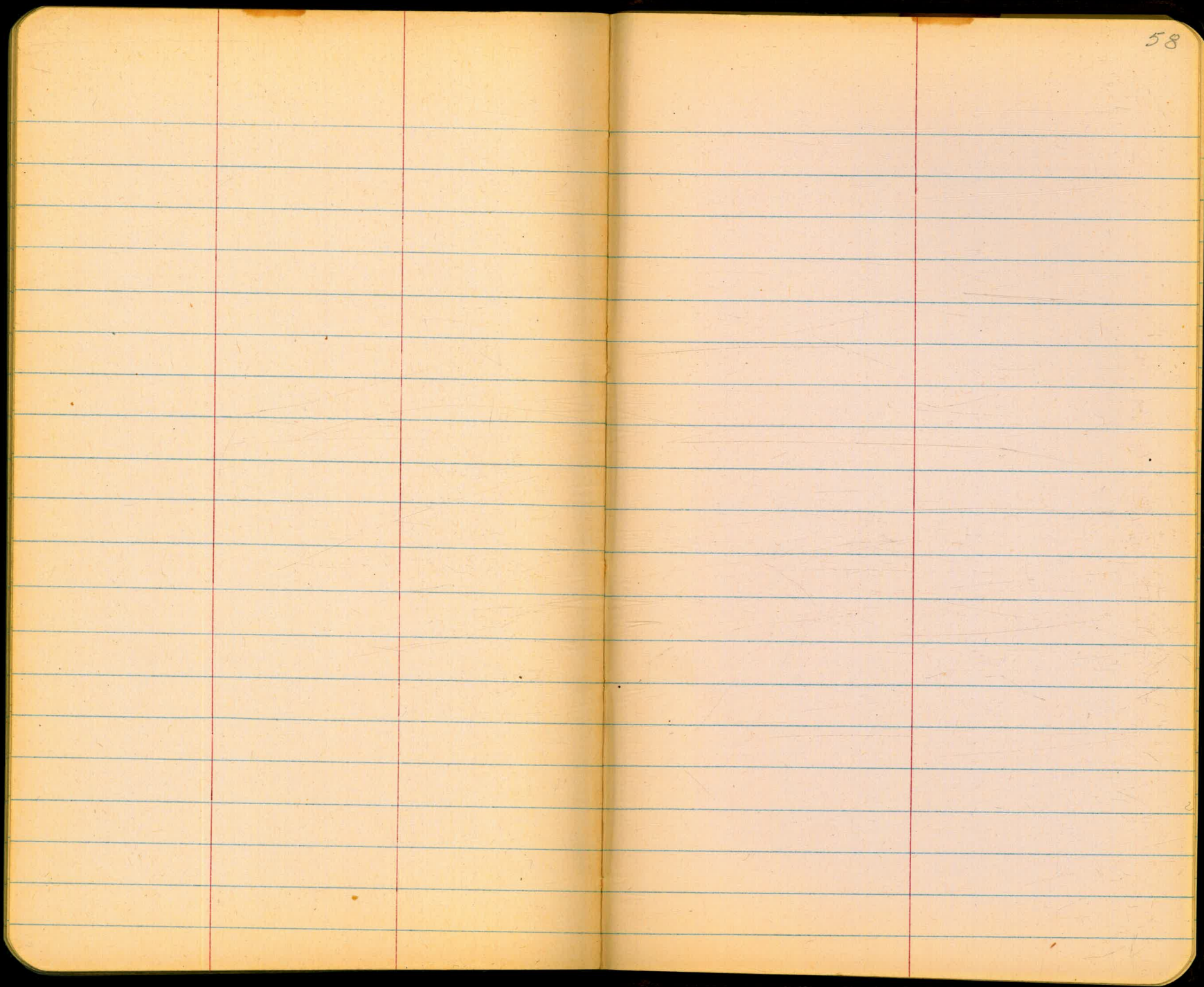


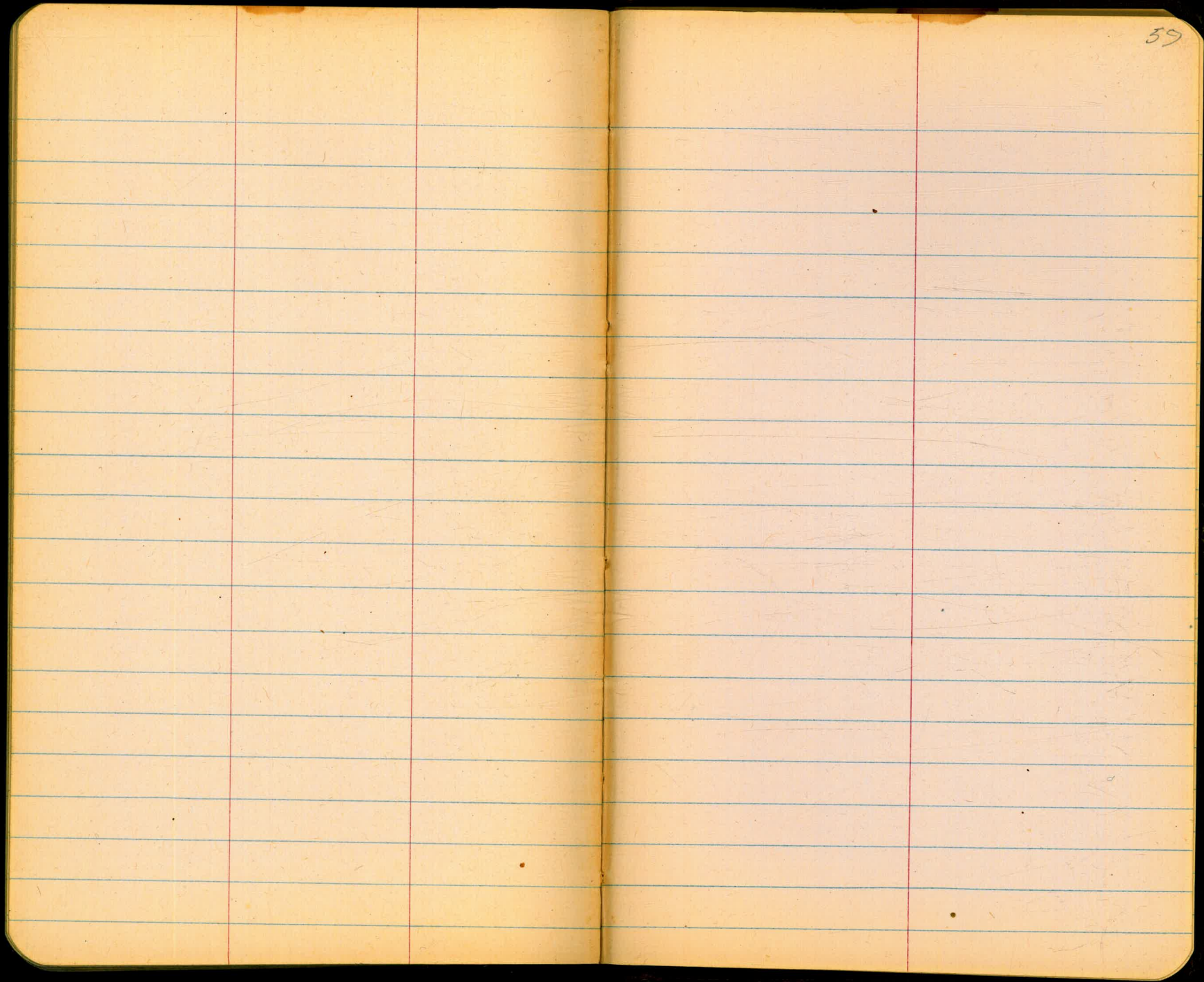


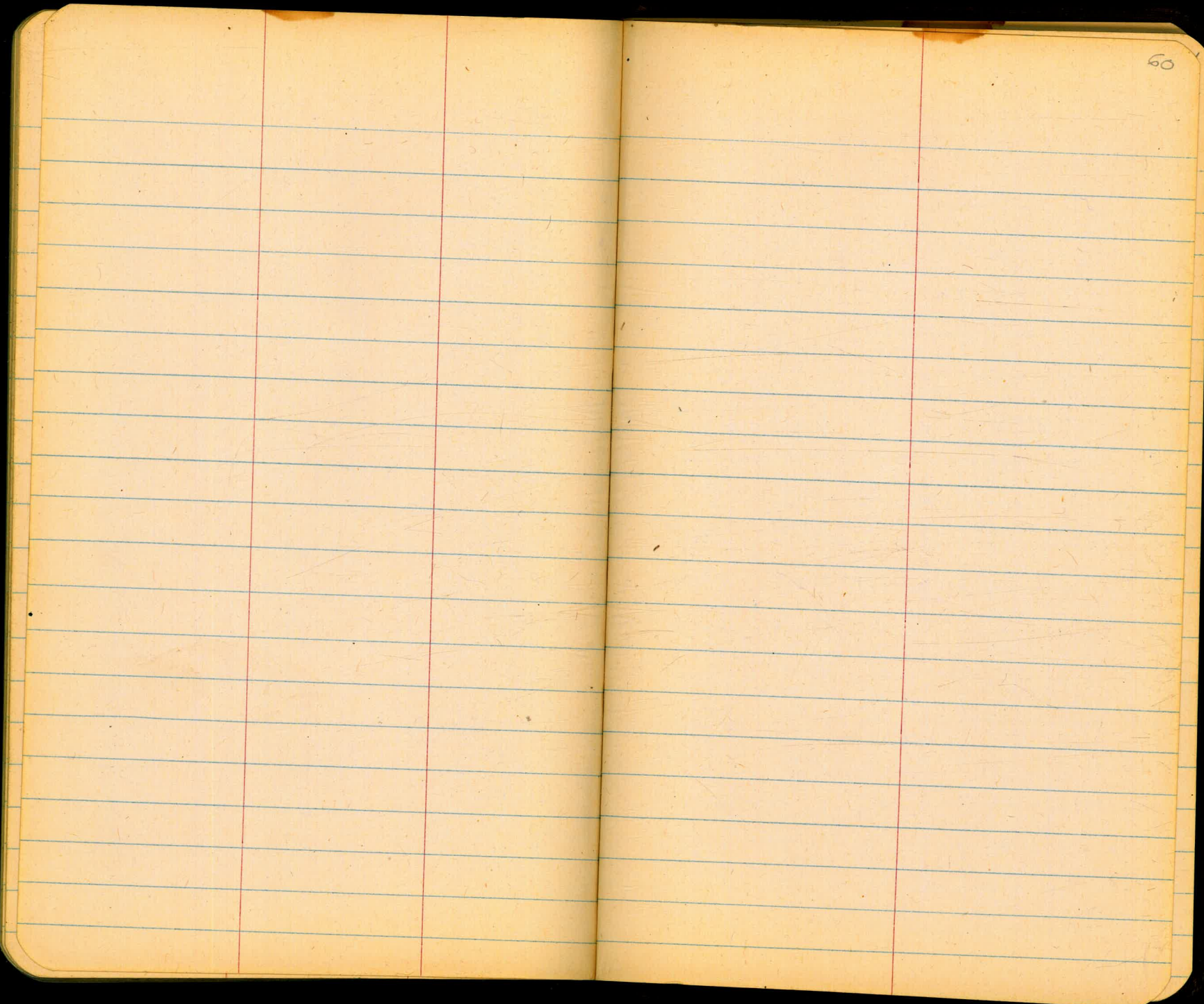


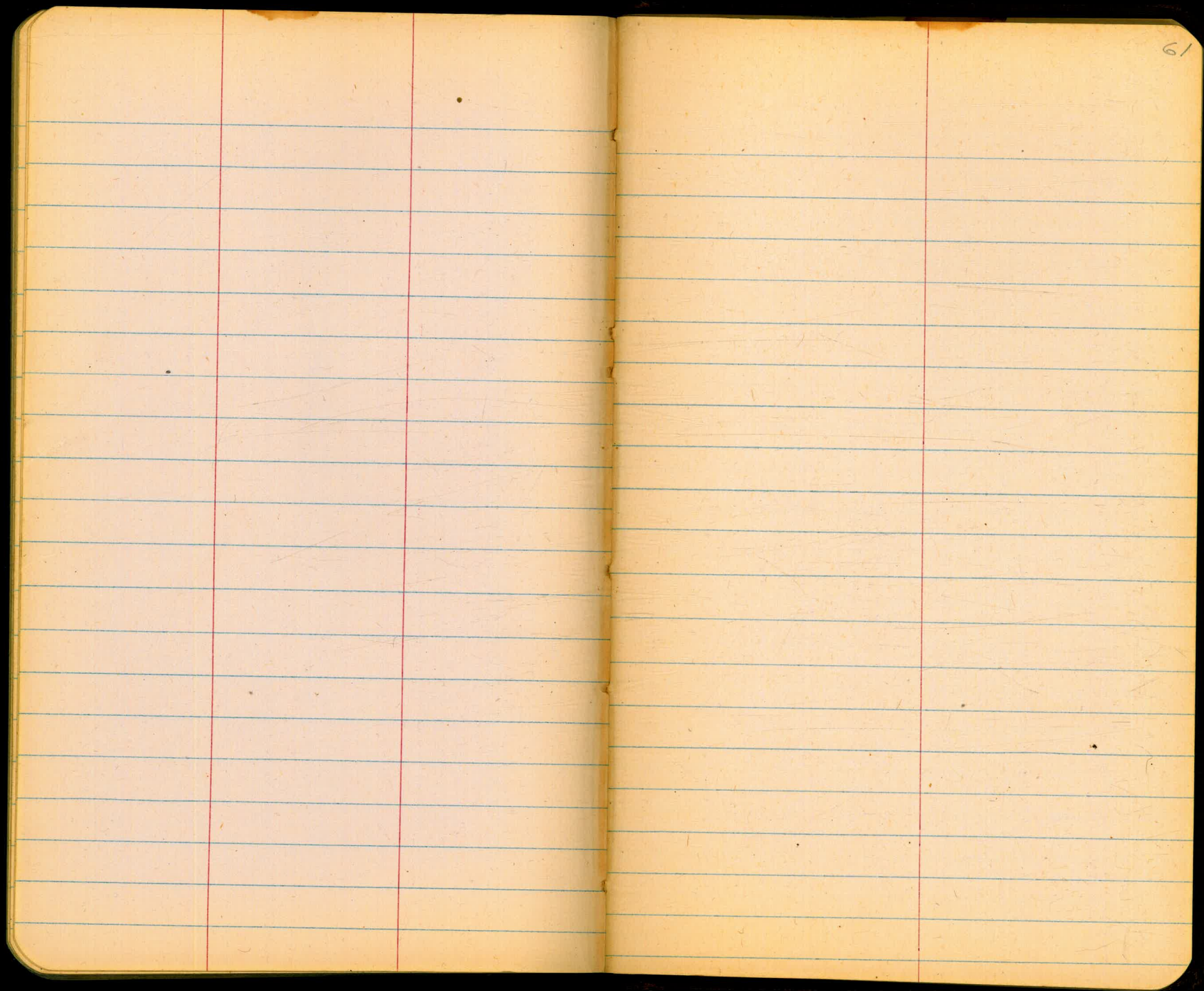


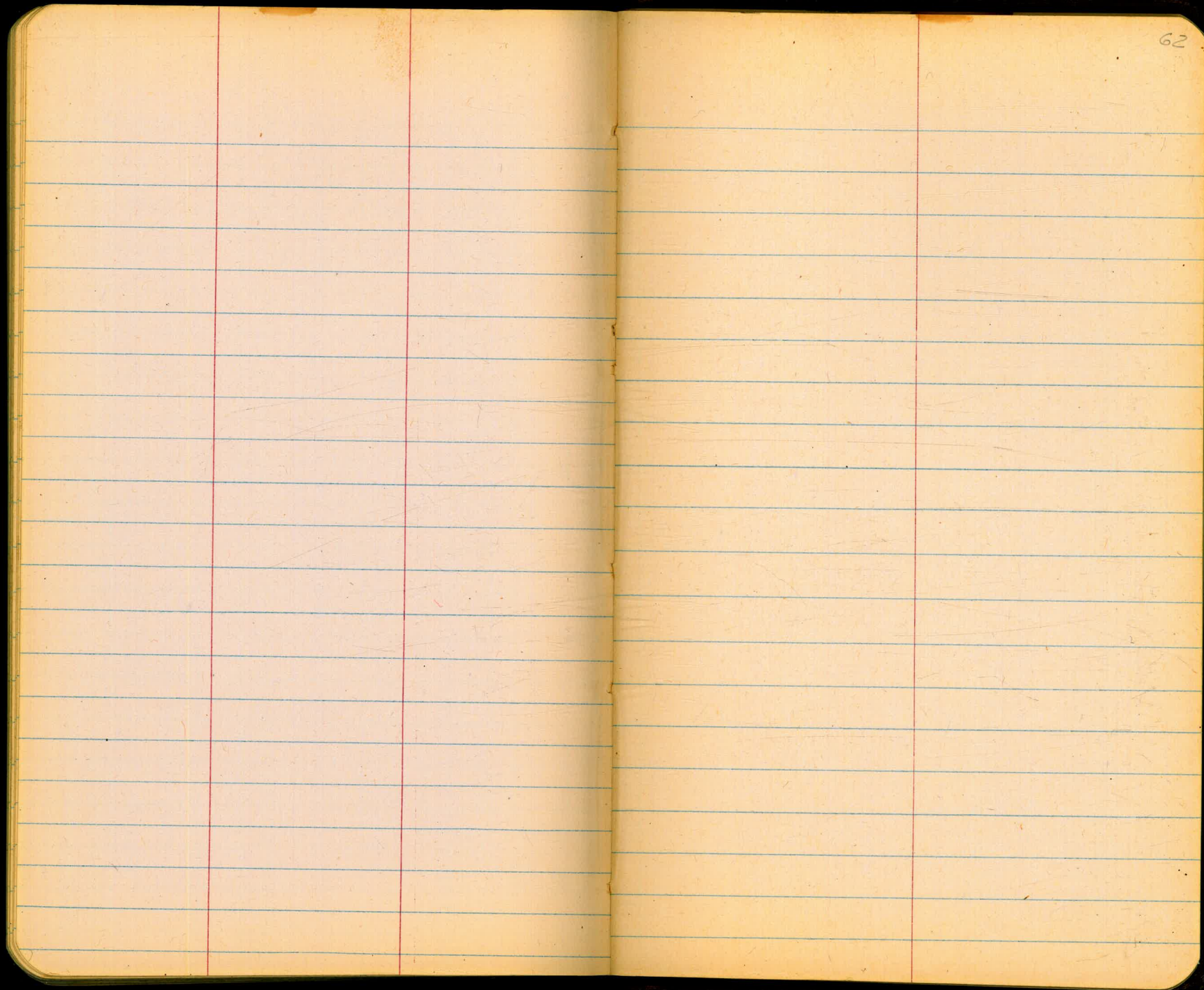




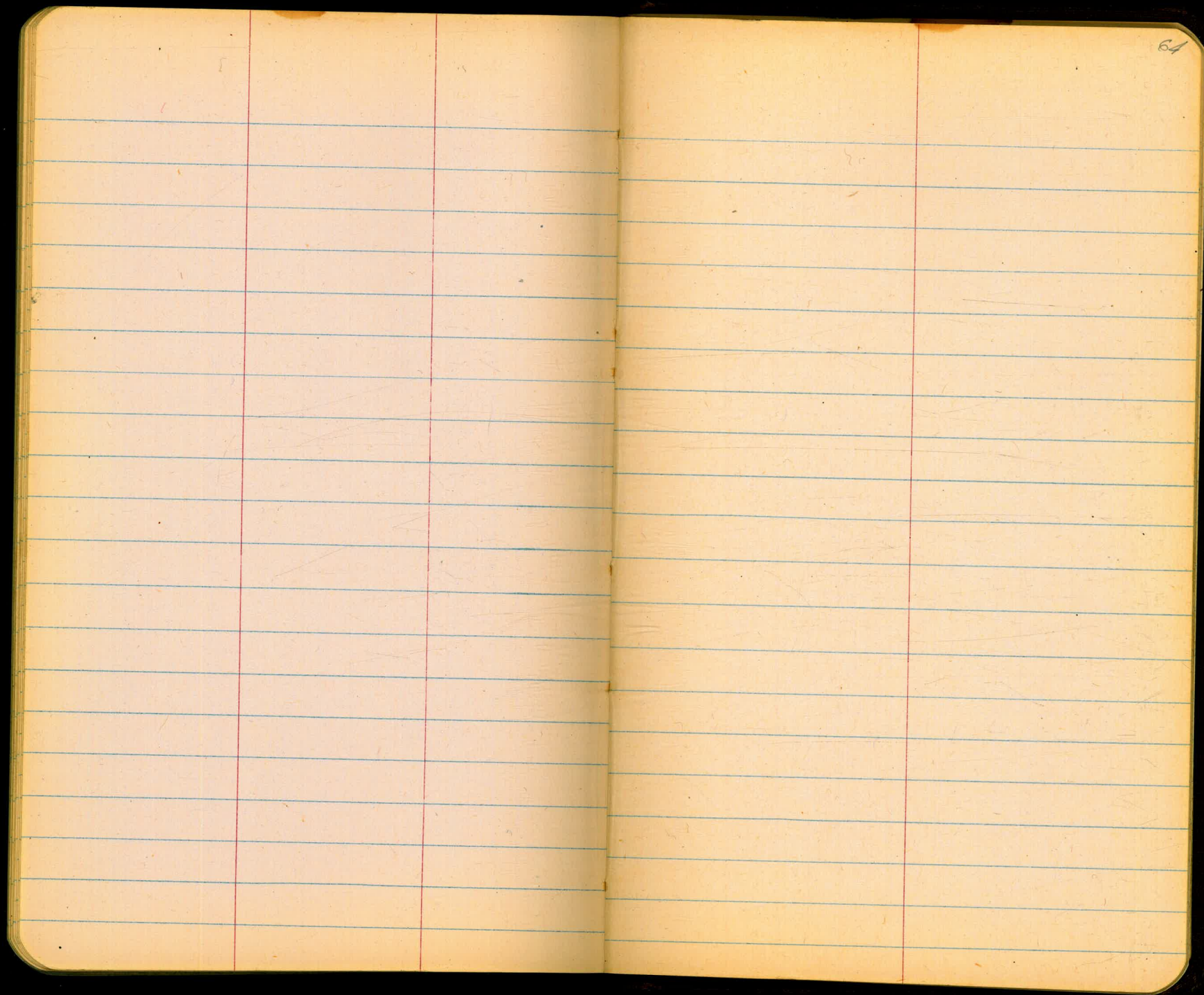


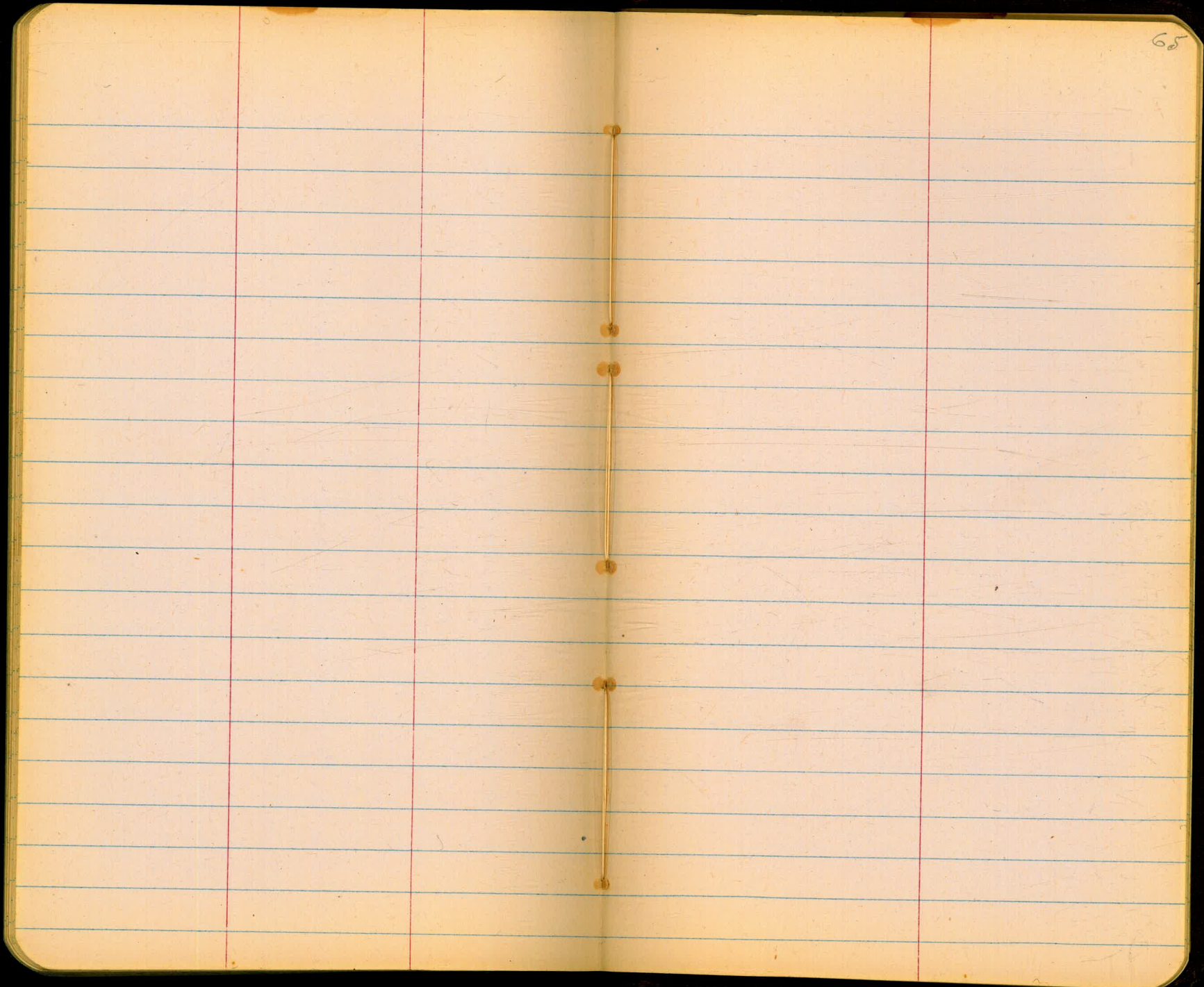


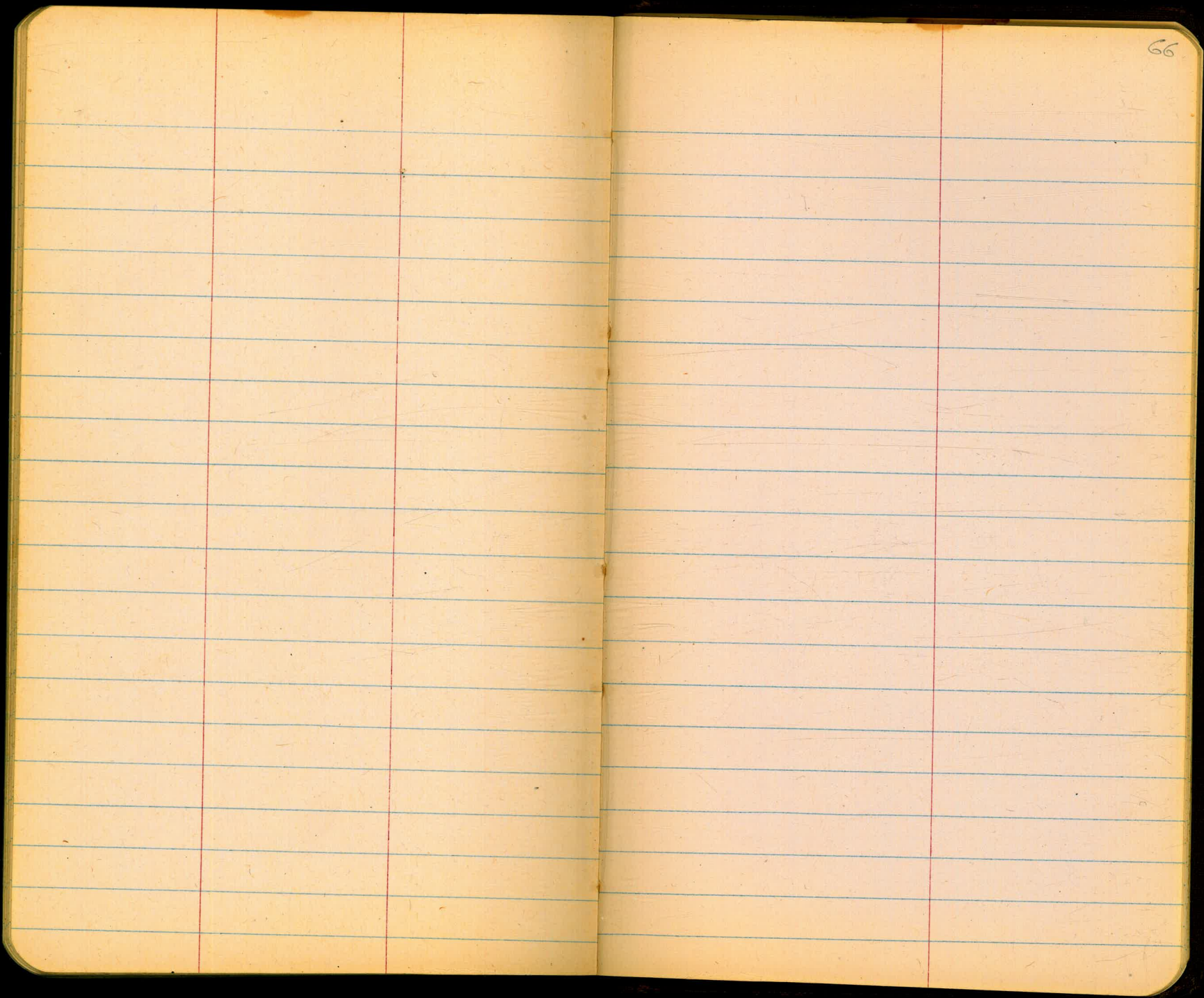


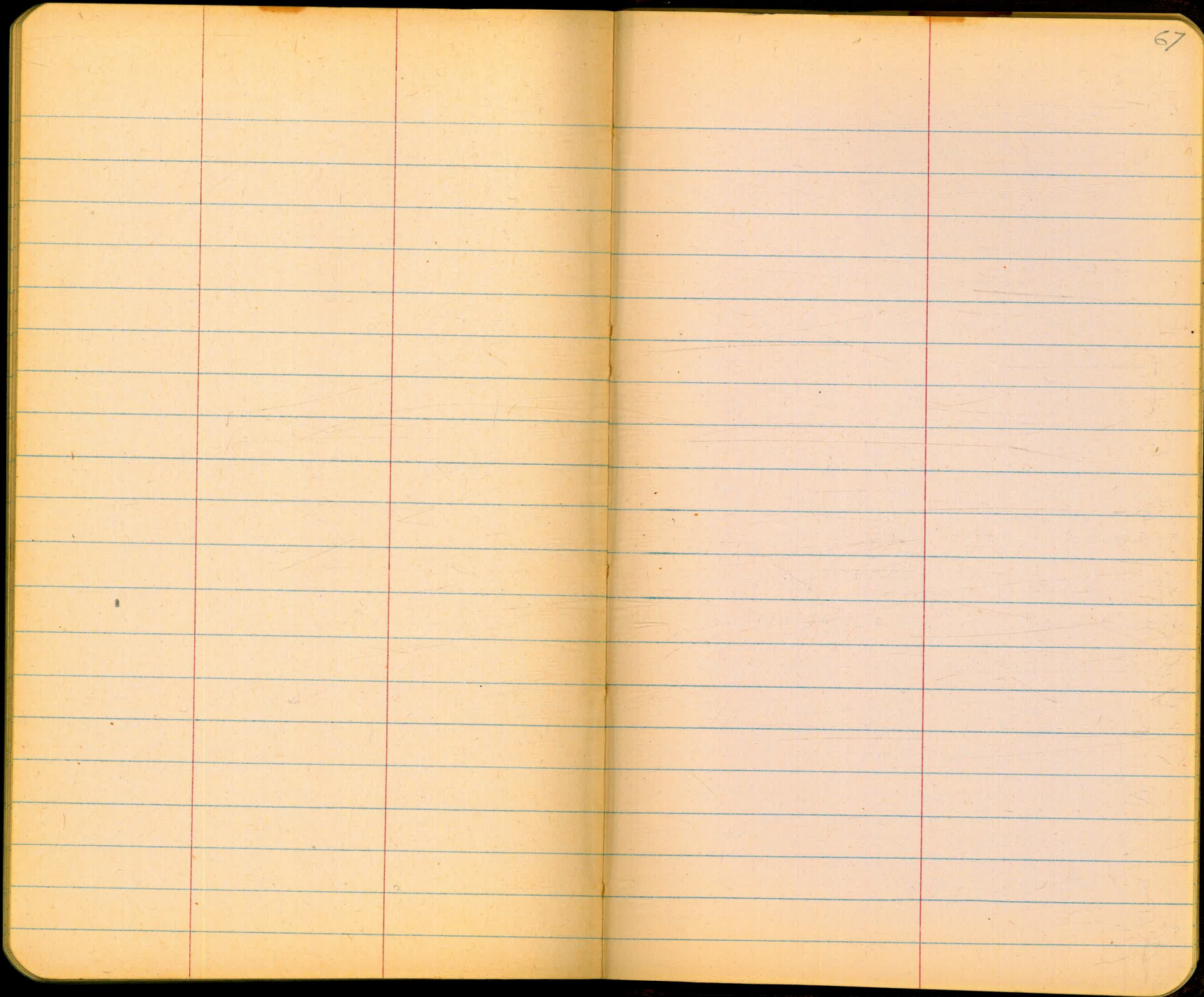


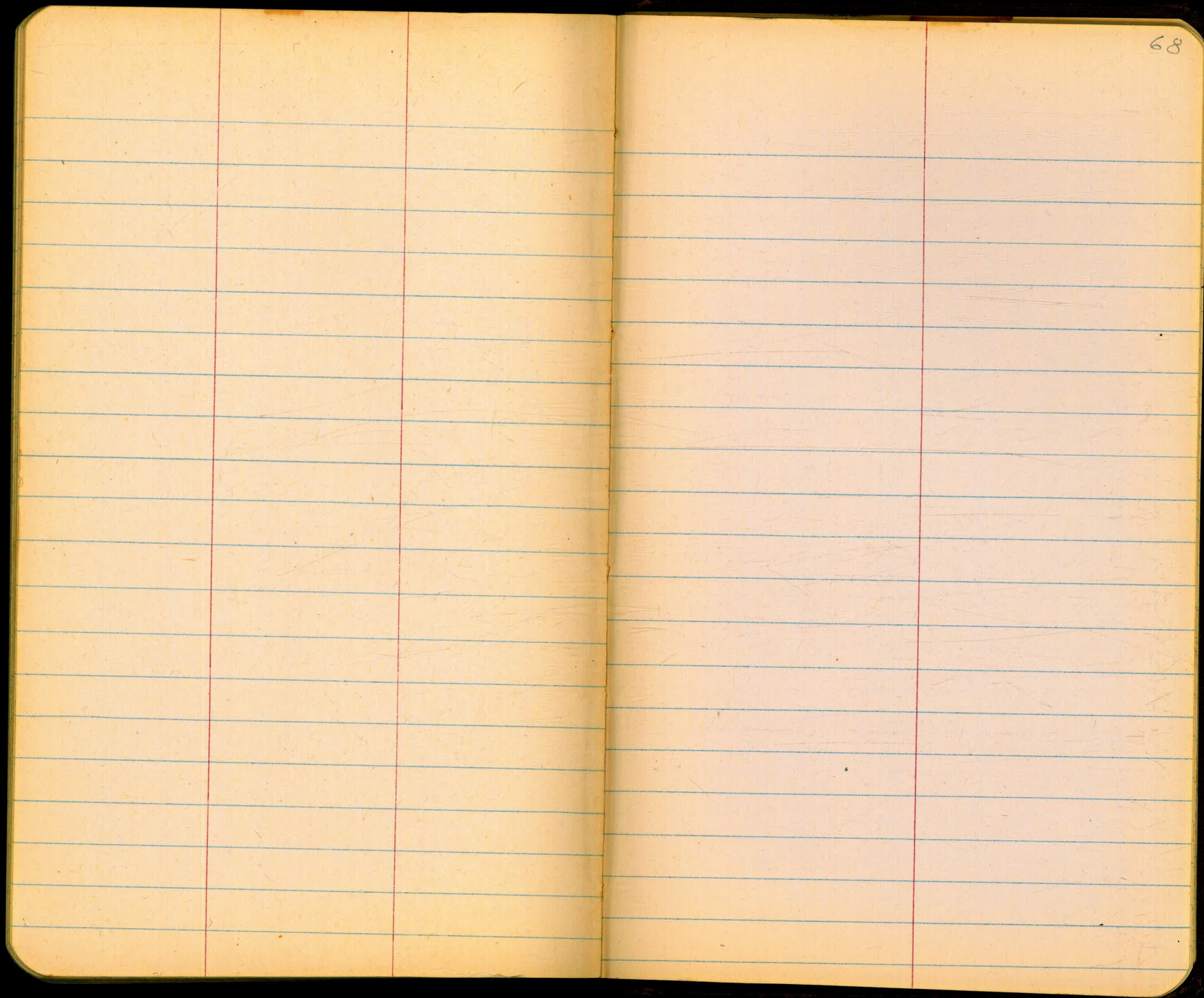
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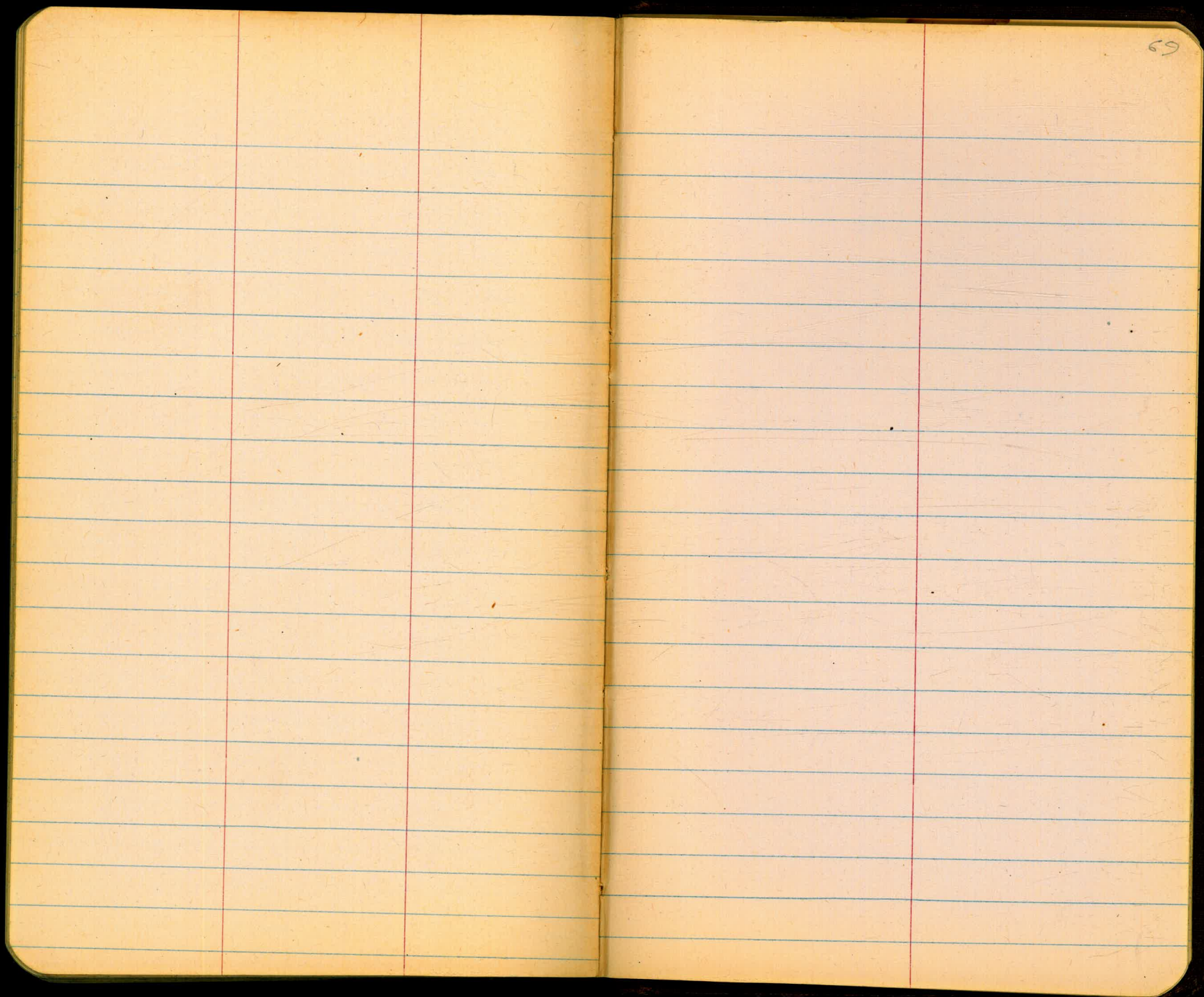




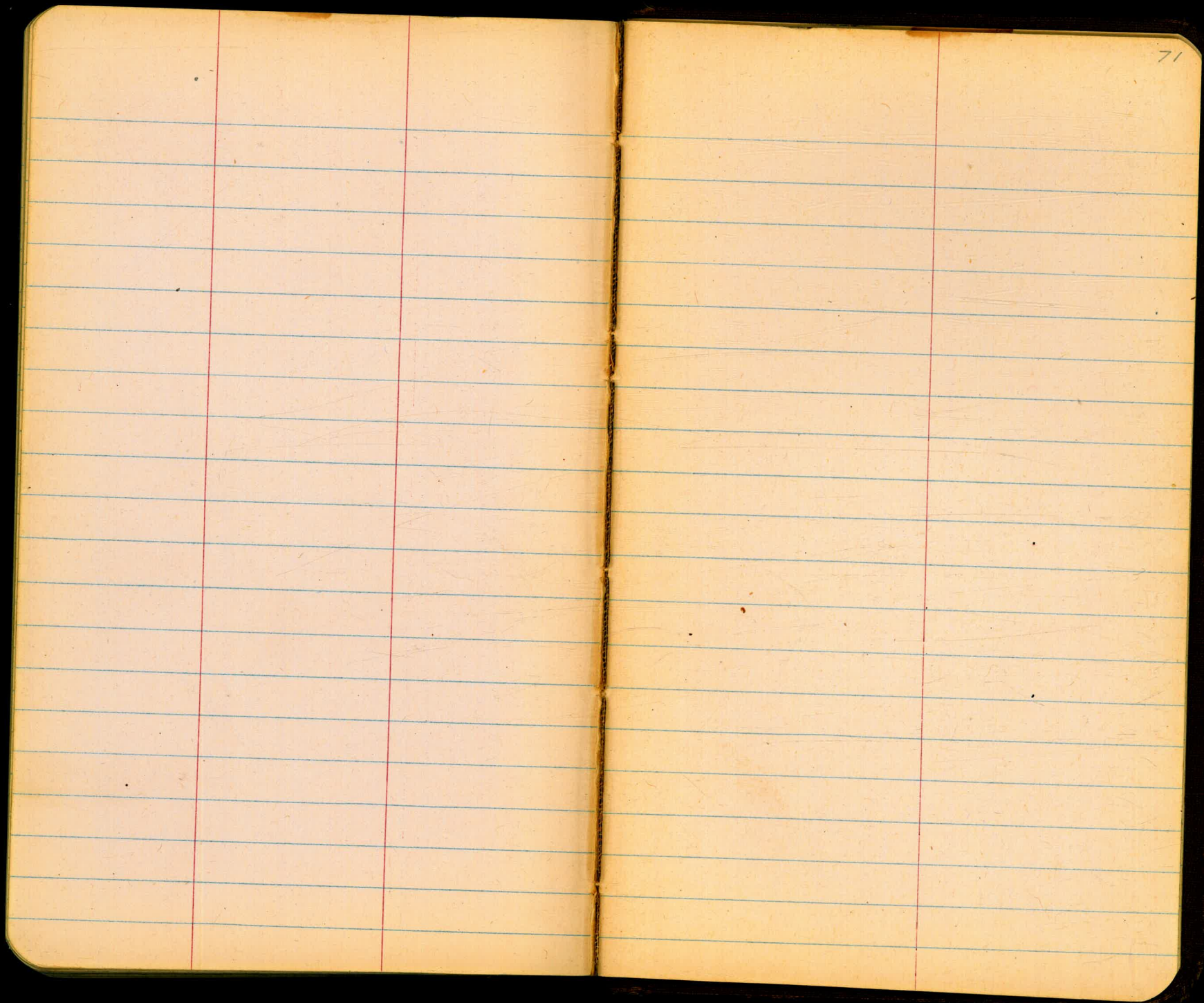


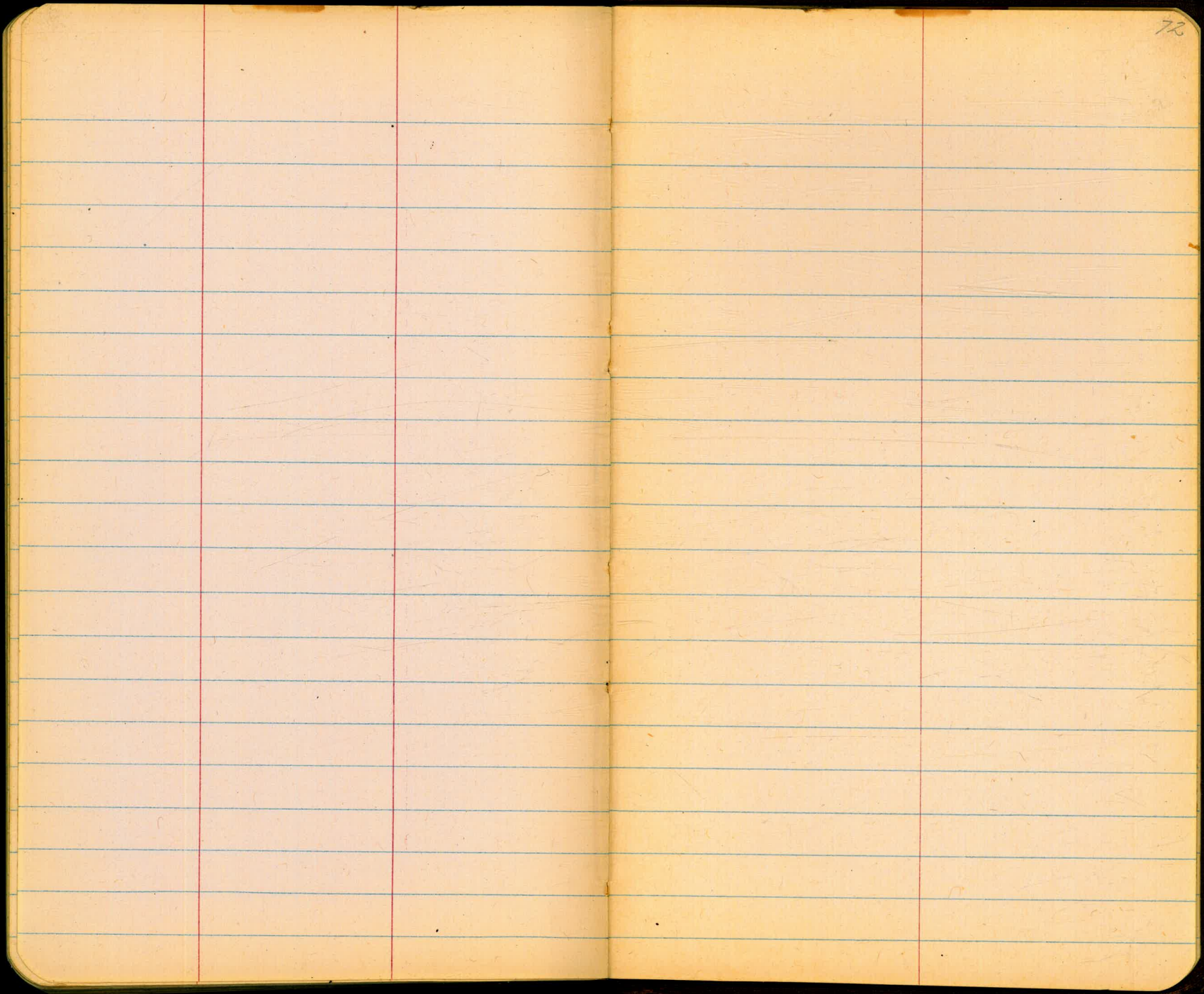


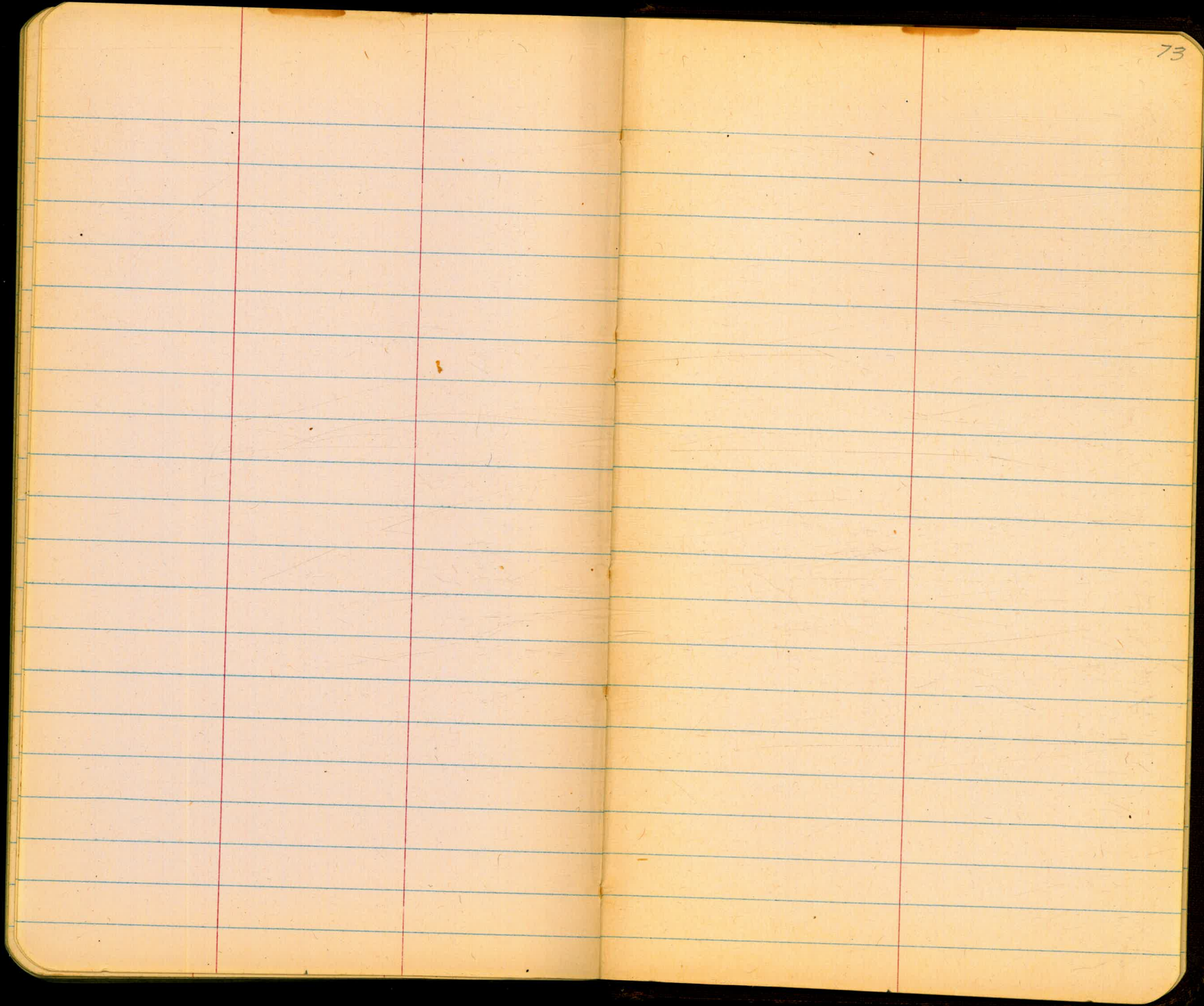


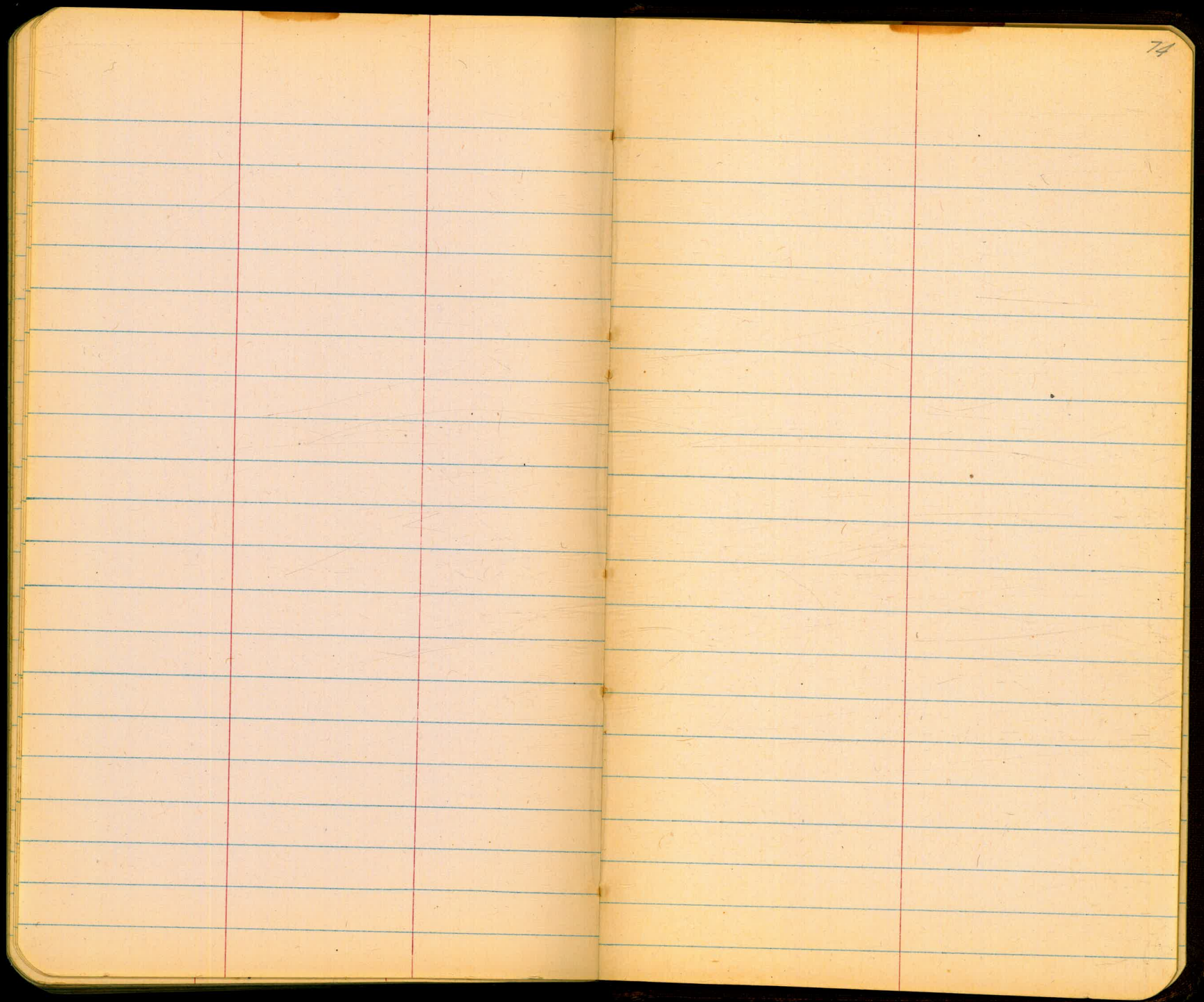


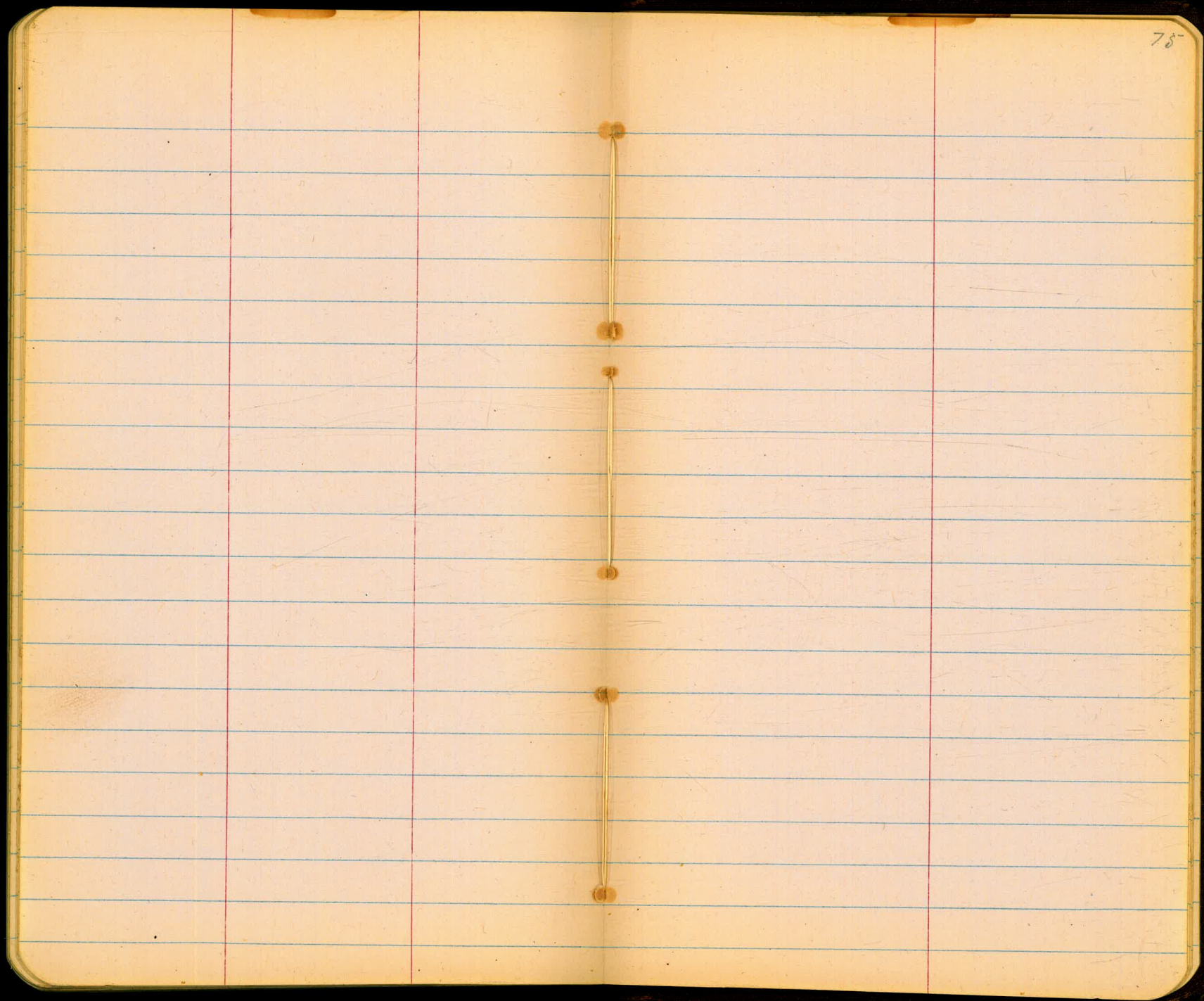
69

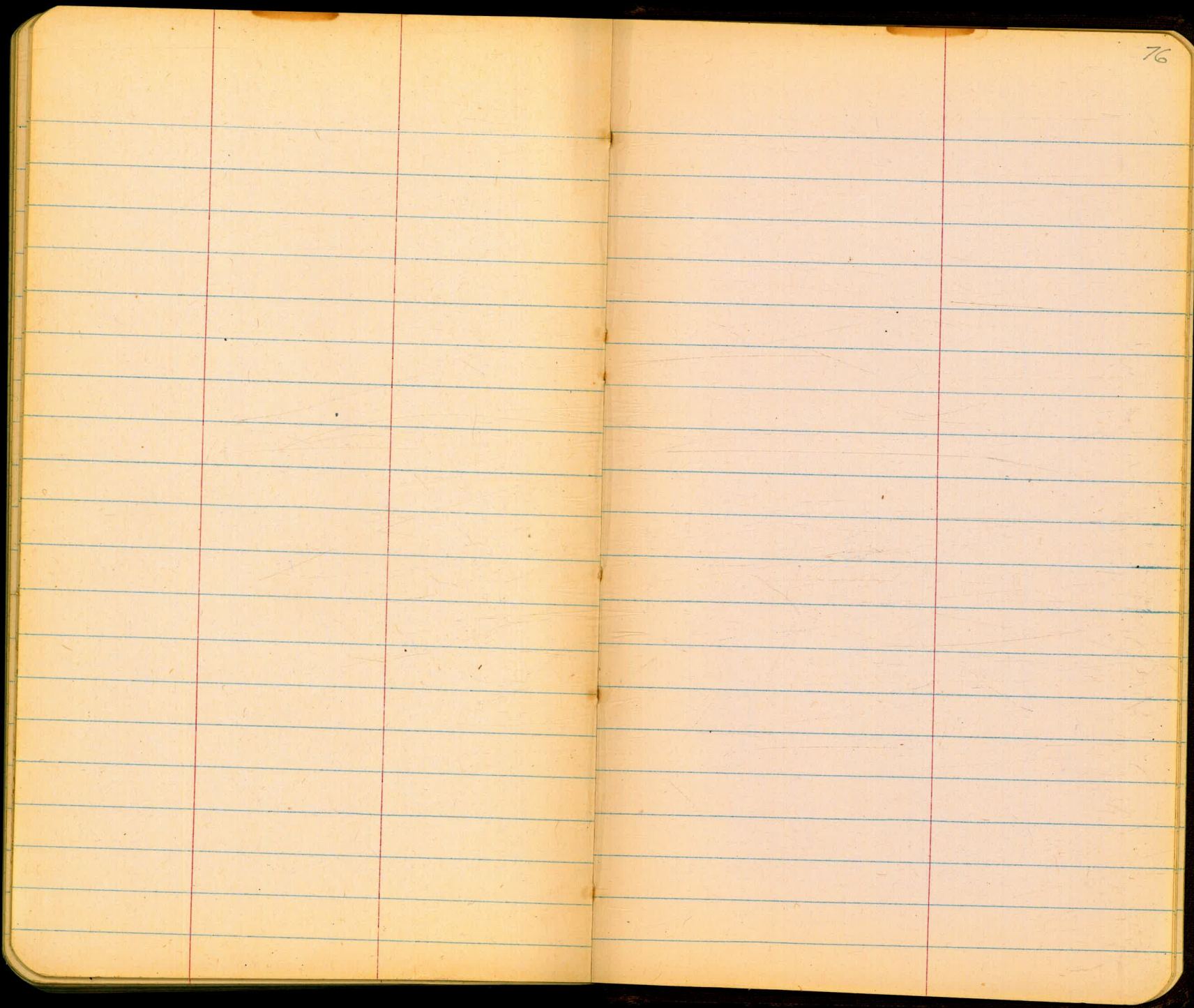


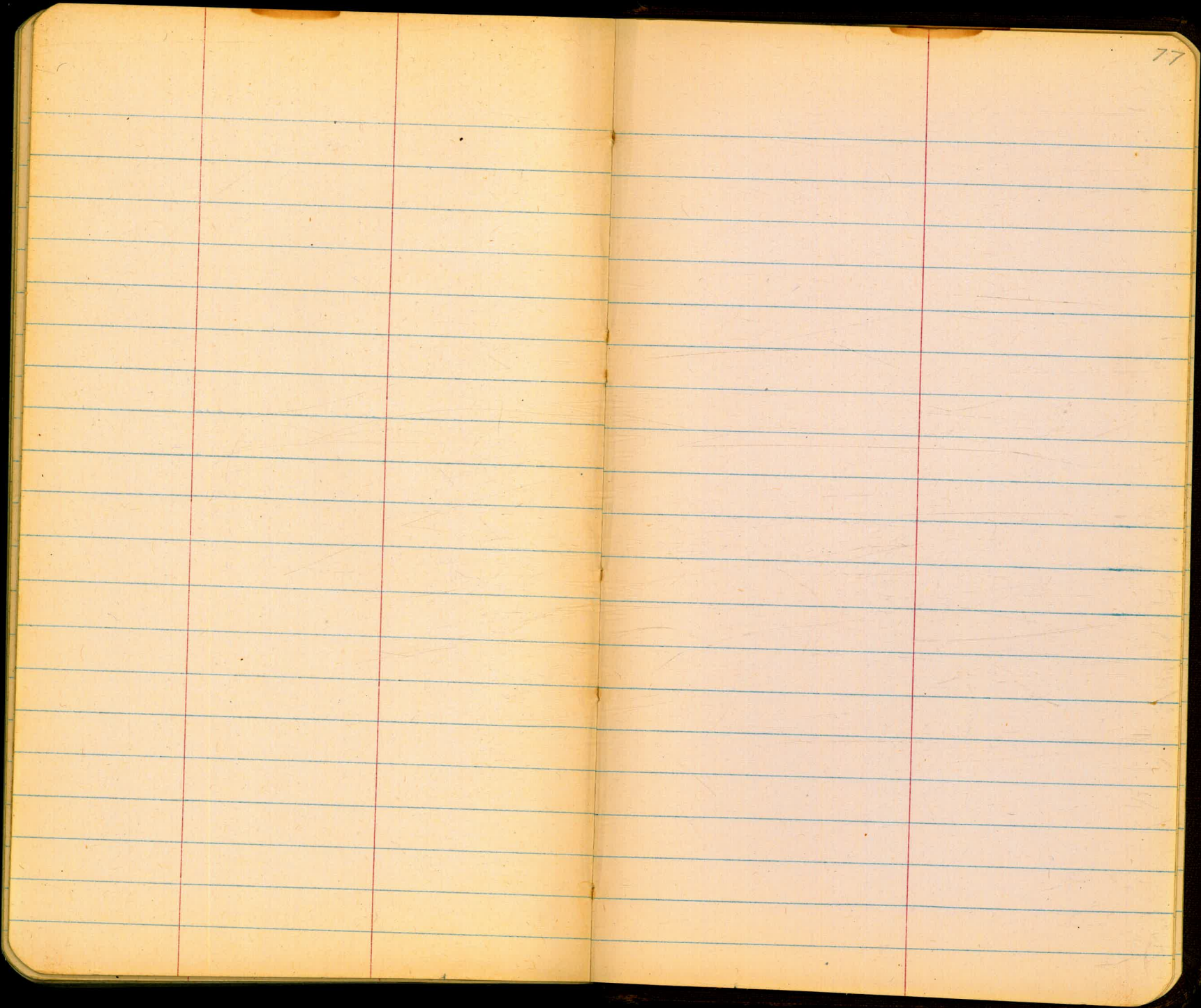


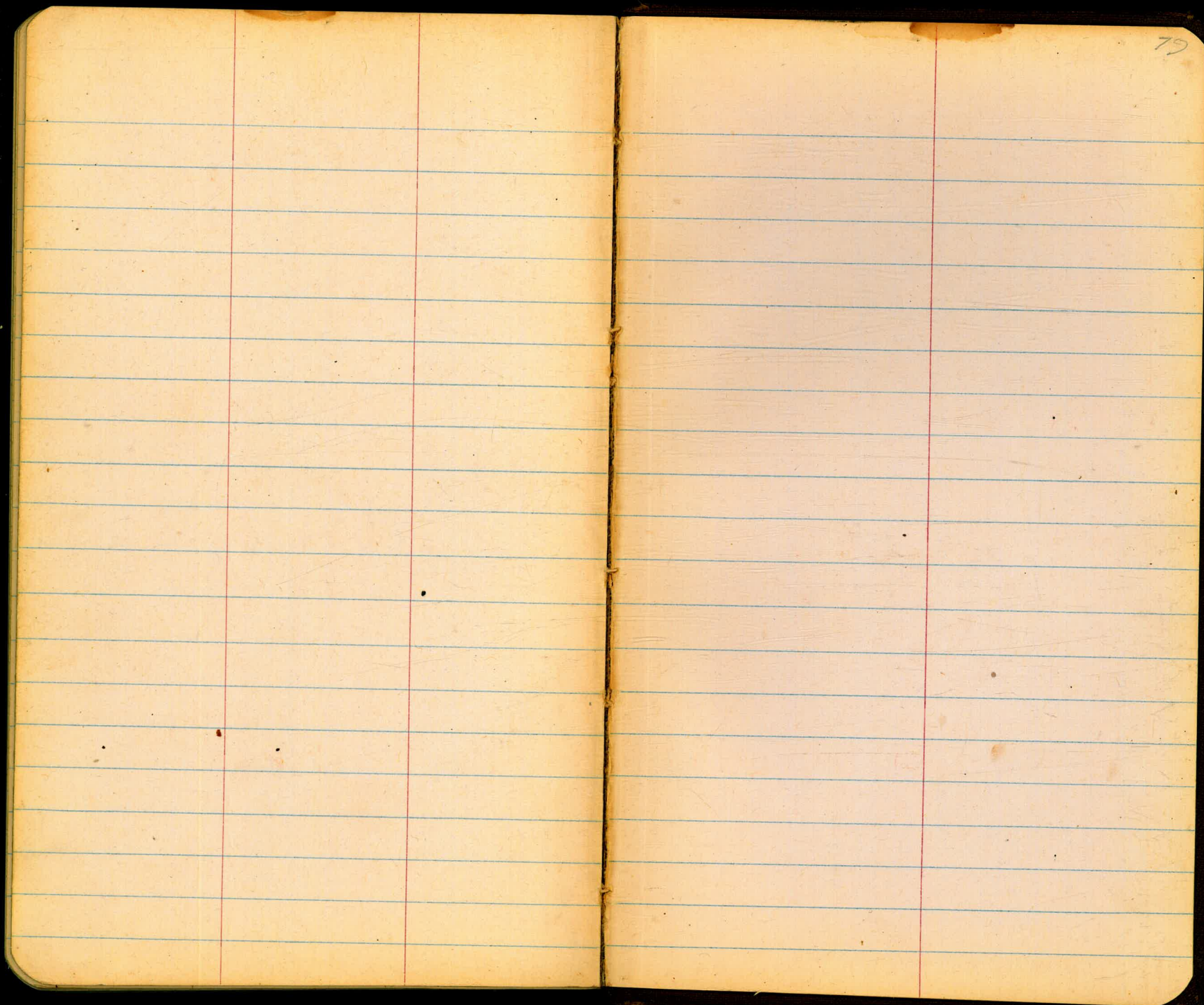


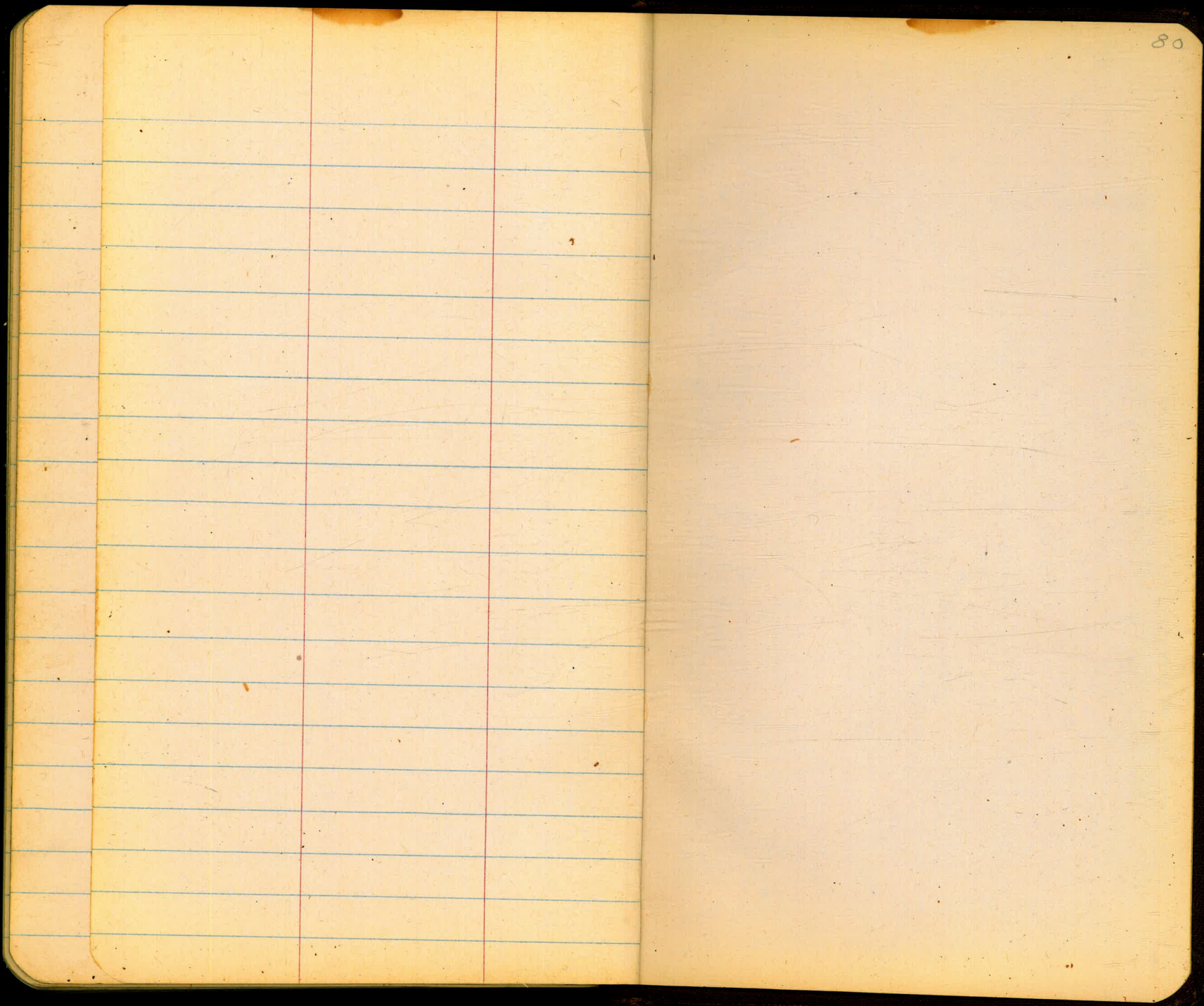




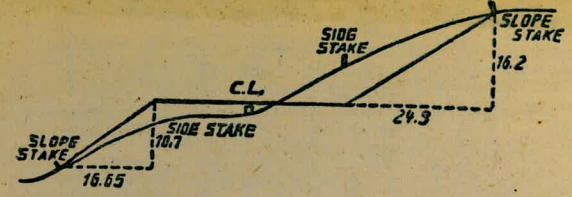








220
 102
 602
 223
 8025
 1400300
 1200
 905
 705
 602
 10
 13
 12
 125
 33.97
 178.47
 10
 67.22



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
 SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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