

W 228

PASTS

LEVEL BOOK

No. 330

28

MICROFILMED

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AGENTS FOR

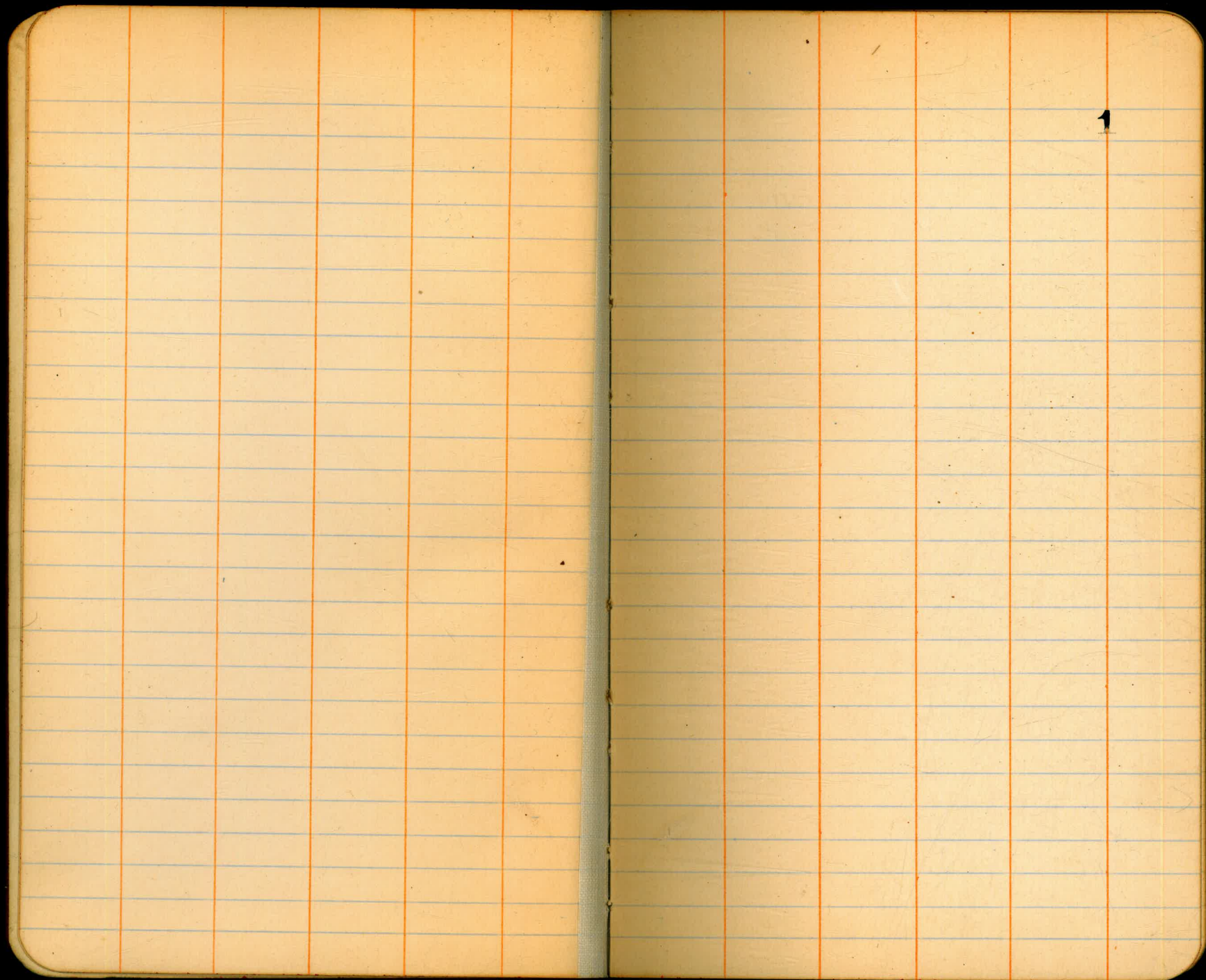
"BERGER" TRANSITS and LEVELS

"GURLEY" SURVEYING and HYDRAULIC INSTRUMENTS

"CHICAGO" STEEL TAPES, etc.

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Office General Location Notes 3-6



MORENO LINE
Office Location

3

Course Bearing Dist.

Sta 1- L.A. City Δ Sta. Hiway. Line
slopes to south - to old lake bot-
tom. Good soil for 1st mile. then
alkali to Sta 2.

Sta 2. Flat. Alkali. Location should
be 150 to 200' W on slope of
hill above alkali + water marks.
Below rocks. On Course 2 Line
lies in bottom of pass - ground
alkali. As noted above, line should
follow along slope of hills on
N+W side of pass + valley.
Soil = decomposed granite, uncult-
ivated.

The hillside location can be held
to Sta. 29 except perhaps for a short
distance at Berniscona Hot Springs.

From Sta 29, which is on ^{Ely} slope
from sly point of range of hills
running along Wly side of valley, sur-
veyed line runs SWly across alkali.

Note - Line as run, subject to flooding
from 1 mile more or less, south
west of Sta. 1, to Sta. 42

Flats to NW cor Sec 3-

W. line of Sec 3, is Wly limit of
orchard land. An alternative
route would be South ^{or S.E.} from
Sta 29, to edge of hills on E
side of valley, then along hills
to Sec line, giving a flood chan-
nel crossing approx 1 mile long.

Line would pass thru ^{young} fig orchard.

Surveyed line is in flooded
ground to NW cor Sec 3.

Beg at corner 3-4-9-10 TSSR3W-
 line runs along County Road - Cultivated
 land, both sides of road for 1st $\frac{1}{2}$
 mile, Vineyard on E for next $\frac{1}{2}$ mile.

Open concrete conduit, 8 to 10 ft.
 below ground surface on W. side
 abt 40' from & travelled road. Land
 on W. not cultivated. SW⁴ Sec - 9.

Pole line on line bet 9, 10. W side road.
 S - from cor. 9-10-15-16 -
 Vineyard on E

Sec 3 - 5-3. W² planted to figs.
 Soil along W line - adobe, except
 at SW cor.

Sec 4 - 5-3. E² not planted.
 Soil - adobe & alkali.

Sec - 10 - 5-3. W² planted to vine
 yard.

Sec 9 - 5-3. N of RR, plowed
 field. Soil - good.

S of RR to E-W⁴ line
 Kaffir corn. Soil good. Irrigated.

SE⁴ Barley or other grain
 Soil good - Dry farmed.

Sec 15 - 5-3. W² Vineyard - Irrigated

" 16 - 5-3 E² Grain - Dry farmed

Sec 21 - 5-3. NE⁴ Uncultivated

SE⁴ Grain - Dry farmed.

Sec 22 - 5-3. W¹ " "

Soil - Decomposed granite.
 changing to red adobe. No alkali.

Sec 27 - 5-3 - Grain - dry farmed.

short distance hill land - brush
 in SW⁴

Sec 28 - 5-3. Grain - dry farmed

Sec 33-5-3- Grain - Dry farmed

" 34. " " NW⁴ " "

SW⁴ Eucalyptus Grove

Sec 3-6-3 Grain - Dry farmed

" 4 " " " "

Sec 10-6-3- " " "

" 11 " Grain + Kaffir Corn.

Dry farmed.

Sec. 14 " Grain - Dry farmed.

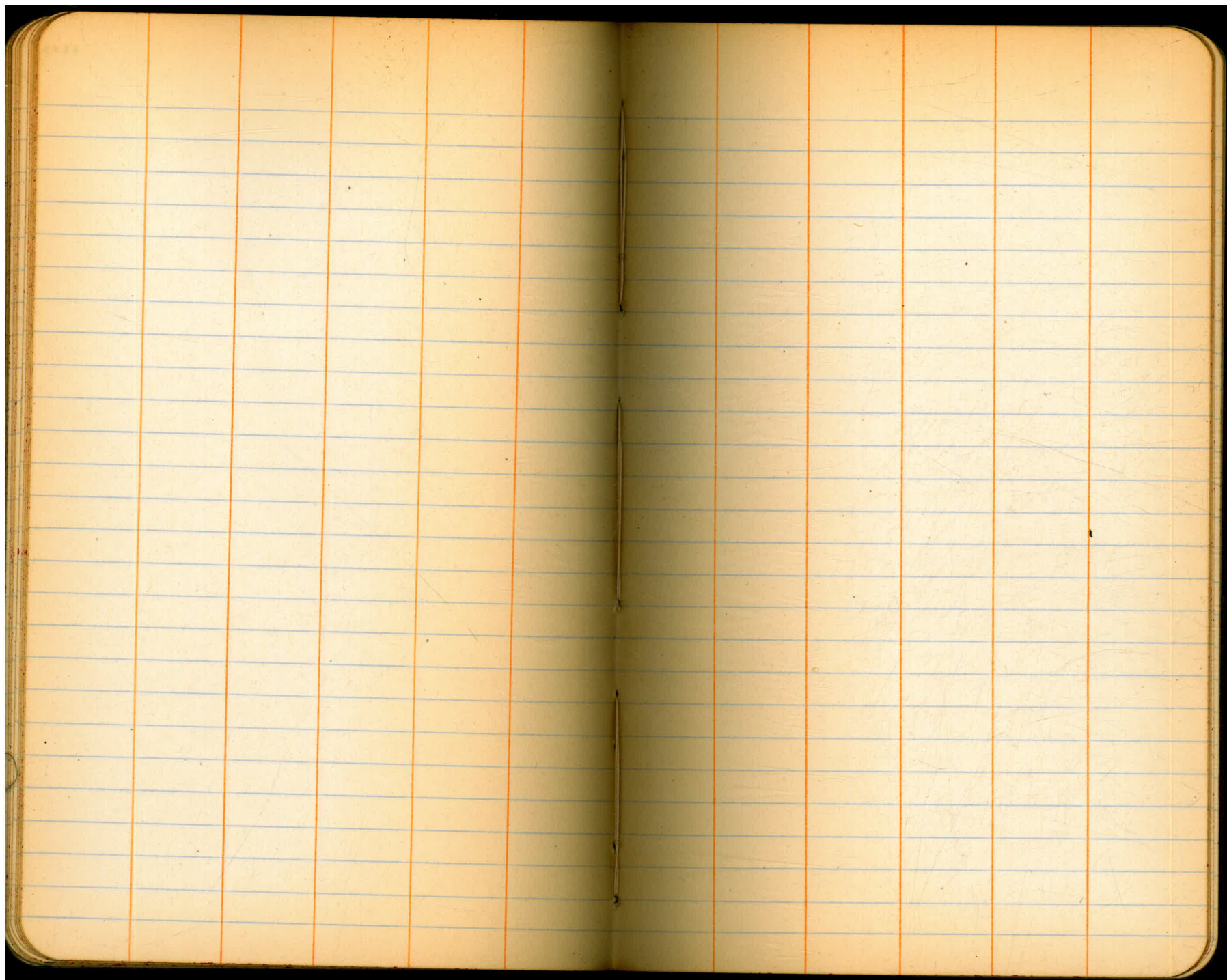
In E² of E² Sec 14 - Adobe.

Sec. 13-6-3 - Grains - dry farmed

Adobe.

Sec. 24-6-3 Low rolling hills. All dry farmed. Grain

Soil - Decomposed granite -
Shale - " "



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DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope $1\frac{1}{2}$ 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

IMPROVED TABLES

level estimate the difference in elevation between the side stake and slope stake by this amount if cut, elevate it. Add this amount

AND

INFORMATION

to cut or fill and find distance in table. Set up rod at that point. If it does not make the slight adjustment necessary.

TABLE No. 2.

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections.

Degree of curve with a given L may be found by dividing tangent (or external), opposite L 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.

Sta 29 to - Gum trees
on E

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