

W345

345

345

MICROFILMED

Our Leather Bound Engineers Note Books are carried in the following rulings:

- No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.
- No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.
- No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.
- No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter "F" to catalog number.

THE FREDERICK POST CO.
ENGINEERING and DRAFTING SUPPLIES
IRVING PARK STATION
CHICAGO, ILL.

Index.

Field Notes of Coordinate
Cross Sections of El Capitan
Dam Site.

Apr. 12. to Apr. 13, 1932.

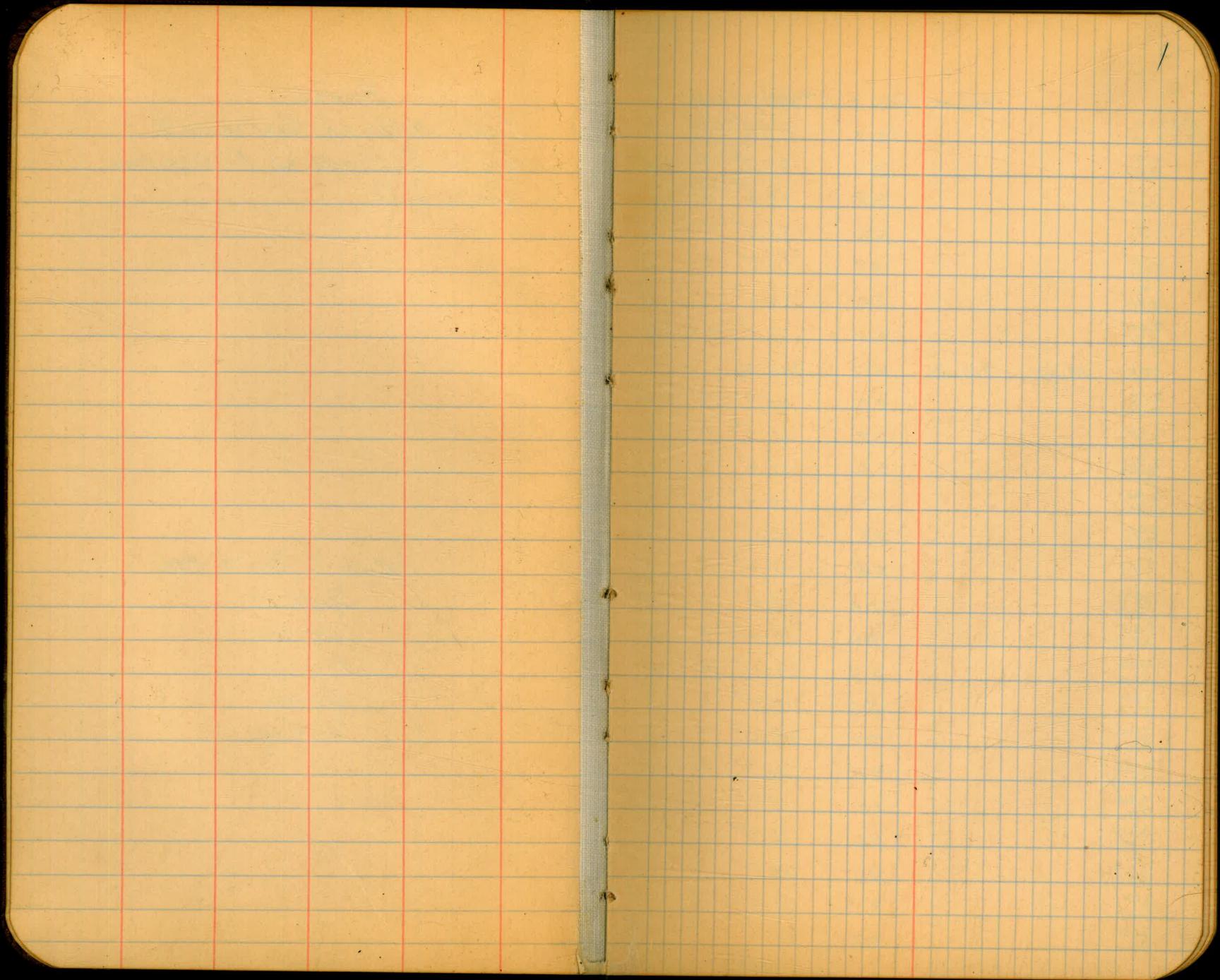
Converse

Simpson

Lowden

Bailey

Walton



N4210
E5510

703.55

(See Book #344)

April, 12, 1932

Simpson -
Louden -
Bailey -
Walton -

| | | | | |
|-----|------|-------|---|---|
| 210 | 12.3 | 691.9 | ✓ | ✓ |
| 500 | 5.7 | 97.9 | ✓ | ✓ |
| 220 | 3.8 | 99.8 | ✓ | ✓ |
| 500 | 2.6 | 701.0 | ✓ | ✓ |
| 210 | 8.8 | 694.8 | ✓ | ✓ |
| 490 | 7.6 | 96.0 | ✓ | ✓ |
| 200 | 3.0 | 700.6 | ✓ | ✓ |
| 490 | | | | |
| 190 | | | | |
| 480 | | | | |
| 200 | | | | |
| 480 | | | | |

| | | | | | | |
|------|-------|--------|------|--------|--|--|
| T.P. | 12.43 | 715.81 | 0.17 | 703.38 | | |
|------|-------|--------|------|--------|--|--|

| | | | | |
|-----|------|------|---|---|
| 210 | 9.9 | 05.9 | ✓ | ✓ |
| 480 | 5.2 | 10.6 | ✓ | ✓ |
| 220 | 0.2 | 15.6 | ✓ | ✓ |
| 480 | 1.4 | 14.4 | ✓ | ✓ |
| 230 | 5.8 | 10.0 | ✓ | ✓ |
| 480 | 10.4 | 05.4 | ✓ | ✓ |
| 140 | 10.4 | 05.4 | ✓ | ✓ |
| 490 | 4.4 | 11.4 | ✓ | ✓ |
| 220 | 6.3 | 09.5 | ✓ | ✓ |
| 490 | 15.3 | 00.5 | ✓ | ✓ |
| 230 | 7.2 | 08.6 | ✓ | ✓ |
| 500 | 9.5 | 06.3 | ✓ | ✓ |
| 240 | 0.0 | 15.8 | ✓ | ✓ |
| 500 | 3.6 | 12.2 | ✓ | ✓ |
| 240 | 11.6 | 04.2 | ✓ | ✓ |
| 520 | 7.3 | 08.5 | ✓ | ✓ |
| 250 | 4.7 | 11.1 | ✓ | ✓ |
| 520 | | | | |
| 140 | | | | |
| 530 | | | | |
| 230 | | | | |
| 530 | | | | |
| 220 | | | | |
| 530 | | | | |
| 210 | | | | |
| 540 | | | | |
| 210 | | | | |
| 550 | | | | |

(WSD)

| | | | | | | |
|------|-------|---------------------|------|--------------------|---|---|
| 4210 | | | | | | |
| 5560 | | 715.81 | 5.6 | 710.2 [✓] | ✓ | ✓ |
| 210 | | | 7.7 | 08.1 [✓] | ✓ | ✓ |
| 570 | | | 2.8 | 13.0 [✓] | ✓ | ✓ |
| 220 | | | 3.4 | 12.4 [✓] | ✓ | ✓ |
| 570 | | | 2.4 | 13.4 [✓] | ✓ | ✓ |
| 210 | | | 1.1 | 14.7 [✓] | ✓ | ✓ |
| 580 | | | 10.3 | 05.5 [✓] | ✓ | ✓ |
| 210 | | | | | | |
| 590 | | | | | | |
| 210 | | | | | | |
| 600 | | | | | | |
| 200 | | | | | | |
| 600 | | | | | | |
| T.P. | 12.77 | 727.75 [✓] | 0.83 | 714.98 | | |
| 220 | | | 4.7 | 23.1 [✓] | ✓ | ✓ |
| 600 | | | 6.8 | 21.0 [✓] | ✓ | ✓ |
| 220 | | | 8.5 | 19.9 [✓] | ✓ | ✓ |
| 590 | | | 3.4 | 24.4 [✓] | ✓ | ✓ |
| 220 | | | 4.3 | 23.5 [✓] | ✓ | ✓ |
| 580 | | | 4.4 | 23.4 [✓] | ✓ | ✓ |
| 230 | | | 11.3 | 16.5 [✓] | ✓ | ✓ |
| 580 | | | 10.8 | 17.0 [✓] | ✓ | ✓ |
| 230 | | | 5.4 | 22.4 [✓] | ✓ | ✓ |
| 560 | | | 1.5 | 26.3 [✓] | ✓ | ✓ |
| 220 | | | 7.1 | 20.7 [✓] | ✓ | ✓ |
| 560 | | | 11.8 | 16.0 [✓] | ✓ | ✓ |
| 220 | | | 5.7 | 22.1 [✓] | ✓ | ✓ |
| 550 | | | 14.7 | 13.1 [✓] | ✓ | ✓ |
| 220 | | | 7.8 | 20.0 [✓] | ✓ | ✓ |
| 540 | | | 4.1 | 23.7 [✓] | ✓ | ✓ |
| 250 | | | 2.7 | 25.1 [✓] | ✓ | ✓ |
| 530 | | | | | | |
| 260 | | | | | | |
| 520 | | | | | | |
| 270 | | | | | | |
| 520 | | | | | | |
| 280 | | | | | | |
| 520 | | | | | | |
| 180 | | | | | | |
| 510 | | | | | | |

(1030)

.8
727.75

| | | | | | | |
|------|-------|--------|------|--------------------|---|---|
| 4270 | | | 9.3 | 718.5 [✓] | ✓ | ✓ |
| 5510 | | | | | | |
| 260 | | | 18.1 | 09.7 [✓] | ✓ | ✓ |
| 510 | | | | | | |
| 250 | | | 12.5 | 15.3 [✓] | ✓ | ✓ |
| 500 | | | | | | |
| 260 | | | 7.7 | 20.1 [✓] | ✓ | ✓ |
| 500 | | | | | | |
| 270 | | | 2.9 | 24.9 [✓] | ✓ | ✓ |
| 500 | | | | | | |
| 260 | | | 3.4 | 24.4 [✓] | ✓ | ✓ |
| 490 | | | | | | |
| 250 | | | 8.0 | 19.8 [✓] | ✓ | ✓ |
| 490 | | | | | | |
| 240 | | | 6.7 | 21.1 [✓] | ✓ | ✓ |
| 480 | | | | | | |
| 250 | | | 2.0 | 25.8 [✓] | ✓ | ✓ |
| 480 | | | | | | |
| T.P. | 13.08 | 740.71 | 0.12 | 727.63 | | |
| 260 | | | 10.6 | 30.1 [✓] | ✓ | ✓ |
| 480 | | | | | | |
| 270 | | | 5.0 | 35.7 [✓] | ✓ | ✓ |
| 480 | | | | | | |
| 280 | | | 4.3 | 36.4 [✓] | ✓ | ✓ |
| 490 | | | | | | |
| 270 | | | 11.1 | 29.6 [✓] | ✓ | ✓ |
| 490 | | | | | | |
| 280 | | | 10.8 | 29.9 [✓] | ✓ | ✓ |
| 500 | | | | | | |
| 290 | | | 4.3 | 36.4 [✓] | ✓ | ✓ |
| 500 | | | | | | |
| 300 | | | 2.7 | 38.0 [✓] | ✓ | ✓ |
| 510 | | | | | | |
| 290 | | | 15.0 | 25.7 [✓] | ✓ | ✓ |
| 510 | | | | | | |
| 290 | | | 14.3 | 26.4 [✓] | ✓ | ✓ |
| 520 | | | | | | |
| 300 | | | 10.6 | 30.1 [✓] | ✓ | ✓ |
| 520 | | | | | | |
| 300 | | | 0.1 | 40.6 [✓] | ✓ | ✓ |
| 530 | | | | | | |
| 290 | | | 6.9 | 33.8 [✓] | ✓ | ✓ |
| 530 | | | | | | |
| 280 | | | 12.8 | 27.9 [✓] | ✓ | ✓ |
| 530 | | | | | | |
| 270 | | | 13.3 | 27.4 [✓] | ✓ | ✓ |
| 530 | | | | | | |
| 260 | | | 13.7 | 27.0 [✓] | ✓ | ✓ |
| 530 | | | | | | |

(103)

740.71

| | | | | | |
|------|--|--|------|--------------------|---|
| 4250 | | | | | |
| 5540 | | | 11.1 | 729.6 [✓] | ✓ |
| 260 | | | | | ✓ |
| 540 | | | 4.8 | 35.9 [✓] | ✓ |
| 250 | | | | | ✓ |
| 550 | | | 6.2 | 34.5 [✓] | ✓ |
| 240 | | | | | ✓ |
| 550 | | | 12.2 | 28.5 [✓] | ✓ |
| 240 | | | | | ✓ |
| 560 | | | 11.3 | 29.4 [✓] | ✓ |
| 250 | | | | | ✓ |
| 560 | | | 5.1 | 35.6 [✓] | ✓ |
| 250 | | | | | ✓ |
| 570 | | | 4.5 | 36.2 [✓] | ✓ |
| 240 | | | | | ✓ |
| 570 | | | 10.3 | 30.4 [✓] | ✓ |
| 240 | | | | | ✓ |
| 580 | | | 13.5 | 27.2 [✓] | ✓ |
| 250 | | | | | ✓ |
| 580 | | | 6.5 | 34.2 [✓] | ✓ |
| 250 | | | | | ✓ |
| 590 | | | 5.4 | 35.3 [✓] | ✓ |
| 240 | | | | | ✓ |
| 590 | | | 9.0 | 31.7 [✓] | ✓ |
| 230 | | | | | ✓ |
| 590 | | | 11.6 | 29.1 [✓] | ✓ |
| 230 | | | | | ✓ |
| 600 | | | 11.5 | 29.2 [✓] | ✓ |
| 240 | | | | | ✓ |
| 600 | | | 6.8 | 33.9 [✓] | ✓ |

T.P. 12.37 752.97

| | | | | | |
|-----|-------|--|------|---------------------|---|
| 250 | | | 0.11 | 740.60 [✓] | |
| 600 | | | | | ✓ |
| 260 | | | 12.3 | 40.7 [✓] | ✓ |
| 600 | | | 10.0 | 43.0 [✓] | ✓ |
| 270 | | | | | ✓ |
| 600 | 153.0 | | 4.5 | 48.5 [✓] | ✓ |
| 270 | | | | | ✓ |
| 590 | | | 6.6 | 46.4 [✓] | ✓ |
| 260 | | | | | ✓ |
| 590 | | | 13.7 | 39.3 [✓] | ✓ |
| 260 | | | | | ✓ |
| 580 | | | 11.8 | 41.2 [✓] | ✓ |
| 270 | | | | | ✓ |
| 580 | | | 5.6 | 47.4 [✓] | ✓ |
| 270 | | | | | ✓ |
| 570 | | | 4.1 | 48.9 [✓] | ✓ |
| 260 | | | | | ✓ |
| 570 | | | 11.0 | 42.0 [✓] | ✓ |

(WB)

752.97

| | | | | | |
|------|-------|--------|-------|--------|---|
| 4260 | | | | | |
| 5560 | | | | | |
| 270 | | 10.1 | 742.9 | ✓ | ✓ |
| 560 | | 4.5 | 48.5 | ✓ | ✓ |
| 280 | | | | | |
| 550 | | 2.6 | 50.4 | ✓ | ✓ |
| 270 | | | | | |
| 550 | | 6.4 | 46.6 | ✓ | ✓ |
| 260 | | | | | |
| 550 | | 11.0 | 42.0 | ✓ | ✓ |
| 270 | | | | | |
| 540 | | 18.8 | 34.2 | ✓ | ✓ |
| 280 | | | | | |
| 540 | | 9.7 | 43.3 | ✓ | ✓ |
| 290 | | | | | |
| 540 | | 10.1 | 42.9 | ✓ | ✓ |
| 300 | | | | | |
| 540 | | 3.8 | 49.2 | ✓ | ✓ |
| 310 | | | | | |
| 530 | | 3.8 | 49.2 | ✓ | ✓ |
| 310 | | | | | |
| 520 | | 10.8 | 42.2 | ✓ | ✓ |
| 320 | | | | | |
| 520 | | 2.2 | 50.8 | ✓ | ✓ |
| 320 | | | | | |
| 510 | | 6.0 | 47.0 | ✓ | ✓ |
| 310 | | | | | |
| 510 | | 11.0 | 42.0 | ✓ | ✓ |
| 300 | | | | | |
| 500 | | 9.5 | 43.5 | ✓ | ✓ |
| 310 | | | | | |
| 500 | | 3.7 | 49.3 | ✓ | ✓ |
| 300 | | | | | |
| 490 | | 4.7 | 48.3 | ✓ | ✓ |
| 290 | | | | | |
| 490 | | 9.8 | 43.2 | ✓ | ✓ |
| 280 | | | | | |
| 480 | | 10.3 | 42.7 | ✓ | ✓ |
| 290 | | | | | |
| 480 | | 6.6 | 46.4 | ✓ | ✓ |
| 300 | | | | | |
| 480 | | 0.0 | 53.0 | ✓ | ✓ |
| T.P. | 13.01 | 765.79 | 0.19 | 752.78 | |
| 310 | | | | | |
| 480 | | 9.1 | 56.7 | ✓ | ✓ |
| 320 | | | | | |
| 480 | | 2.2 | 63.6 | ✓ | ✓ |
| 330 | | | | | |
| 490 | | 0.9 | 64.9 | ✓ | ✓ |

(13.01)

765.79

| | | | | | |
|------|------|-------|---|---|--|
| 4320 | | | | | |
| 5490 | 4.6 | 761.2 | ✓ | ✓ | |
| 310 | | | | | |
| 490 | 11.1 | 54.7 | ✓ | ✓ | |
| 320 | | | | | |
| 500 | 11.5 | 54.3 | ✓ | ✓ | |
| 330 | | | | | |
| 500 | 7.0 | 58.8 | ✓ | ✓ | |
| 340 | | | | | |
| 510 | 9.6 | 56.2 | ✓ | ✓ | |
| 330 | | | | | |
| 510 | 15.5 | 50.3 | ✓ | ✓ | |
| 330 | | | | | |
| 520 | 7.3 | 58.5 | ✓ | ✓ | |
| 340 | | | | | |
| 520 | 2.0 | 63.8 | ✓ | ✓ | |
| 330 | | | | | |
| 530 | 2.7 | 63.1 | ✓ | ✓ | |
| 320 | | | | | |
| 530 | 9.6 | 56.2 | ✓ | ✓ | |
| 310 | | | | | |
| 540 | 11.3 | 54.5 | ✓ | ✓ | |
| 320 | | | | | |
| 540 | 2.5 | 63.3 | ✓ | ✓ | |
| 310 | | | | | |
| 550 | 2.2 | 63.6 | ✓ | ✓ | |
| 300 | | | | | |
| 550 | 9.3 | 56.5 | ✓ | ✓ | |
| 290 | | | | | |
| 550 | 12.3 | 53.5 | ✓ | ✓ | |
| 280 | | | | | |
| 560 | 10.0 | 55.8 | ✓ | ✓ | |
| 290 | | | | | |
| 560 | 5.7 | 60.1 | ✓ | ✓ | |
| 290 | | | | | |
| 570 | 5.0 | 60.8 | ✓ | ✓ | |
| 280 | | | | | |
| 570 | 11.7 | 54.1 | ✓ | ✓ | |
| 280 | | | | | |
| 580 | 12.8 | 53.0 | ✓ | ✓ | |
| 290 | | | | | |
| 580 | 4.9 | 60.9 | ✓ | ✓ | |
| 300 | | | | | |
| 580 | 0.3 | 65.5 | ✓ | ✓ | |
| 300 | | | | | |
| 590 | 2.7 | 63.1 | ✓ | ✓ | |
| 290 | | | | | |
| 590 | 8.3 | 57.5 | ✓ | ✓ | |
| 280 | | | | | |
| 590 | 13.8 | 52.0 | ✓ | ✓ | |

765.79

| | | | | | |
|------|-------|--------|------|--------|-----|
| 4280 | | | | | |
| 5100 | | | 14.2 | 751.6 | ✓ ✓ |
| 290 | | | 8.4 | 57.4 | ✓ ✓ |
| 600 | | | | | |
| 300 | | | 2.5 | 63.3 | ✓ ✓ |
| 600 | | | | | |
| J.P. | 11.83 | 777.47 | 0.15 | 765.64 | |
| 310 | | | | | |
| 600 | | | 10.3 | 67.2 | ✓ ✓ |
| 320 | | | 7.0 | 70.5 | ✓ ✓ |
| 600 | | | | | |
| 320 | | | 3.0 | 74.5 | ✓ ✓ |
| 590 | | | | | |
| 310 | | | 9.5 | 68.0 | ✓ ✓ |
| 590 | | | 7.2 | 70.3 | ✓ ✓ |
| 310 | | | | | |
| 580 | | | 1.2 | 76.3 | ✓ ✓ |
| 320 | | | | | |
| 580 | | | 5.4 | 72.1 | ✓ ✓ |
| 310 | | | | | |
| 570 | | | 10.9 | 66.6 | ✓ ✓ |
| 300 | | | | | |
| 570 | | | 11.3 | 66.2 | ✓ ✓ |
| 300 | | | | | |
| 560 | | | 6.7 | 70.8 | ✓ ✓ |
| 310 | | | | | |
| 560 | | | 2.0 | 75.5 | ✓ ✓ |
| 320 | | | | | |
| 550 | | | 8.8 | 68.7 | ✓ ✓ |
| 330 | | | | | |
| 550 | | | 1.0 | 76.5 | ✓ ✓ |
| 330 | | | | | |
| 540 | | | 8.2 | 69.3 | ✓ ✓ |
| 340 | | | | | |
| 540 | | | 1.6 | 75.9 | ✓ ✓ |
| 340 | | | | | |
| 530 | | | 4.2 | 73.3 | ✓ ✓ |
| 350 | | | | | |
| 520 | | | 6.1 | 71.4 | ✓ ✓ |
| 350 | | | | | |
| 510 | | | 15.4 | 62.1 | ✓ ✓ |
| 360 | | | | | |
| 510 | | | 10.1 | 67.4 | ✓ ✓ |
| 360 | | | | | |
| 500 | | | 7.9 | 69.6 | ✓ ✓ |
| 350 | | | | | |
| 500 | | | 13.3 | 64.2 | ✓ ✓ |

(718)

| 4340 | | | | | |
|------|-------|--------|------|--------|-----|
| 5500 | | | | | |
| 340 | | | 17.5 | 760.0 | ✓ ✓ |
| 490 | | | 7.3 | 70.2 | ✓ ✓ |
| 350 | | | 2.5 | 75.0 | ✓ ✓ |
| 490 | | | | | |
| 340 | | | 1.9 | 75.6 | ✓ ✓ |
| 480 | | | 9.4 | 68.1 | ✓ ✓ |
| 330 | | | | | |
| 480 | | | | | |
| T.P | 12.74 | 789.97 | 0.24 | 777.23 | |
| 350 | | | | | |
| 480 | | | 10.6 | 79.4 | ✓ ✓ |
| 360 | | | | | |
| 480 | | 790.0 | 5.6 | 84.4 | ✓ ✓ |
| 370 | | | | | |
| 480 | | | 1.3 | 88.7 | ✓ ✓ |
| 380 | | | | | |
| 490 | | | 2.8 | 87.2 | ✓ ✓ |
| 370 | | | | | |
| 490 | | | 6.4 | 83.6 | ✓ ✓ |
| 360 | | | | | |
| 490 | | | 10.7 | 78.3 | ✓ ✓ |
| 370 | | | | | |
| 500 | | | 12.7 | 77.3 | ✓ ✓ |
| 380 | | | | | |
| 500 | | | 4.0 | 86.0 | ✓ ✓ |
| 380 | | | | | |
| 510 | | | 6.0 | 84.0 | ✓ ✓ |
| 370 | | | | | |
| 510 | | | 12.6 | 77.4 | ✓ ✓ |
| 360 | | | | | |
| 520 | | | 11.9 | 78.1 | ✓ ✓ |
| 370 | | | | | |
| 520 | | | 6.0 | 84.0 | ✓ ✓ |
| 380 | | | | | |
| 520 | | | 0.4 | 89.6 | ✓ ✓ |
| 360 | | | | | |
| 530 | | | 4.9 | 85.1 | ✓ ✓ |
| 350 | | | | | |
| 530 | | | 12.3 | 77.7 | ✓ ✓ |
| 350 | | | | | |
| 540 | | | 5.5 | 84.5 | ✓ ✓ |
| 350 | | | | | |
| 550 | | | 0.5 | 89.5 | ✓ ✓ |
| 340 | | | | | |
| 550 | | | 5.1 | 84.9 | ✓ ✓ |
| 340 | | | | | |
| 560 | | | 1.9 | 88.1 | ✓ ✓ |

(713)

| | | | | | | |
|------|-------|--------|------|--------|---|---|
| 4330 | | | | | | |
| 5560 | | 789.97 | 7.2 | 782.8 | ✓ | ✓ |
| 320 | | | | | | |
| 570 | | | 10.9 | 79.1 | ✓ | ✓ |
| 330 | | | | | | |
| 570 | | | 5.9 | 84.1 | ✓ | ✓ |
| 340 | | | | | | |
| 580 | | | 2.1 | 87.9 | ✓ | ✓ |
| 330 | | | | | | |
| 580 | | | 8.0 | 82.0 | ✓ | ✓ |
| 330 | | | | | | |
| 570 | | | 9.7 | 80.3 | ✓ | ✓ |
| 340 | | | | | | |
| 590 | | | 4.1 | 85.9 | ✓ | ✓ |
| 340 | | | | | | |
| 600 | | | 4.8 | 85.2 | ✓ | ✓ |
| 330 | | | | | | |
| 600 | | | 11.0 | 79.0 | ✓ | ✓ |
| T.P. | 13.00 | 802.62 | 0.35 | 789.62 | | |
| 350 | | | | | | |
| 600 | | | 9.5 | 793.1 | ✓ | ✓ |
| 360 | | | | | | |
| 600 | | | 3.3 | 99.3 | ✓ | ✓ |
| 360 | | | | | | |
| 590 | | | 1.4 | 01.2 | ✓ | ✓ |
| 350 | | | | | | |
| 590 | | | 9.2 | 93.4 | ✓ | ✓ |
| 350 | | | | | | |
| 580 | | | 8.8 | 93.3 | ✓ | ✓ |
| 360 | | | | | | |
| 580 | | | 2.1 | 93.8 | ✓ | ✓ |
| 360 | | | | | | |
| 570 | | | 2.7 | 800.5 | ✓ | ✓ |
| 350 | | | | | | |
| 570 | | | 8.2 | 799.9 | ✓ | ✓ |
| 340 | | | | | | |
| 570 | | | 8.2 | 94.4 | ✓ | ✓ |
| 350 | | | | | | |
| 560 | | | 13.3 | 89.3 | ✓ | ✓ |
| 360 | | | | | | |
| 560 | | | 8.9 | 93.7 | ✓ | ✓ |
| 360 | | | | | | |
| 560 | | | 2.4 | 00.2 | ✓ | ✓ |
| 360 | | | | | | |
| 550 | | | 7.8 | 94.8 | ✓ | ✓ |
| 370 | | | | | | |
| 550 | | | 1.2 | 01.4 | ✓ | ✓ |
| 380 | | | | | | |
| 540 | | | 3.1 | 99.5 | ✓ | ✓ |
| 370 | | | | | | |
| 540 | | | 7.8 | 94.8 | ✓ | ✓ |

WSD

802.62

| | | | | | | |
|------|--|--|------|-------|---|---|
| 4360 | | | | | | |
| 5540 | | | 12.1 | 790.5 | ✓ | ✓ |
| 370 | | | 8.5 | 94.1 | ✓ | ✓ |
| 530 | | | 7.2 | 95.4 | ✓ | ✓ |
| 390 | | | 4.2 | 98.4 | ✓ | ✓ |
| 530 | | | 1.5 | 801.1 | ✓ | ✓ |
| 400 | | | 1.0 | 01.6 | ✓ | ✓ |
| 530 | | | 8.8 | 793.8 | ✓ | ✓ |
| 400 | | | 8.0 | 94.6 | ✓ | ✓ |
| 520 | | | 19.0 | 83.6 | ✓ | ✓ |
| 390 | | | 12.4 | 90.2 | ✓ | ✓ |
| 520 | | | 7.3 | 95.3 | ✓ | ✓ |
| 390 | | | 5.0 | 97.6 | ✓ | ✓ |
| 510 | | | 4.0 | 98.6 | ✓ | ✓ |
| 400 | | | 9.8 | 92.8 | ✓ | ✓ |
| 510 | | | 13.3 | 89.3 | ✓ | ✓ |
| 420 | | | 13.4 | 89.2 | ✓ | ✓ |
| 510 | | | 9.9 | 92.7 | ✓ | ✓ |
| 420 | | | 6.3 | 96.3 | ✓ | ✓ |
| 500 | | | 10.2 | 92.4 | ✓ | ✓ |
| 410 | | | 3.6 | 99.0 | ✓ | ✓ |
| 500 | | | | | | |
| 390 | | | | | | |
| 500 | | | | | | |
| 390 | | | | | | |
| 490 | | | | | | |
| 400 | | | | | | |
| 490 | | | | | | |
| 380 | | | | | | |
| 480 | | | | | | |
| 390 | | | | | | |
| 480 | | | | | | |

T.P. 12.47 814.46 0.63 801.99

10.80 803.66 = check
803.60

on T.P. set By M.D.E. N4380 E5450 El. 803.60

10.80 814.40

| | | | | | | |
|-----|--|--|------|------|---|---|
| 400 | | | 11.3 | 03.1 | ✓ | ✓ |
| 480 | | | 8.0 | 06.4 | ✓ | ✓ |
| 410 | | | | | | |
| 480 | | | | | | |

(W730)

817.40

| | | | | |
|------|------|-------|---|---|
| 4420 | | | | |
| 5480 | 2.6 | 811.8 | ✓ | ✓ |
| 430 | | | | |
| 490 | 6.3 | 08.1 | ✓ | ✓ |
| 420 | | | | |
| 490 | 8.7 | 05.7 | ✓ | ✓ |
| 410 | | | | |
| 490 | 13.0 | 01.4 | ✓ | ✓ |
| 430 | | | | |
| 500 | 15.1 | 799.3 | ✓ | ✓ |
| 440 | | | | |
| 500 | 13.3 | 801.1 | ✓ | ✓ |
| 450 | | | | |
| 500 | 7.6 | 06.8 | ✓ | ✓ |
| 440 | | | | |
| 510 | 8.2 | 06.2 | ✓ | ✓ |
| 430 | | | | |
| 510 | 20.0 | 794.4 | ✓ | ✓ |
| 420 | | | | |
| 520 | 10.6 | 803.8 | ✓ | ✓ |
| 430 | | | | |
| 520 | 11.0 | 03.4 | ✓ | ✓ |
| 440 | | | | |
| 520 | 5.1 | 09.3 | ✓ | ✓ |
| 440 | | | | |
| 520 | 3.8 | 10.6 | ✓ | ✓ |
| 430 | | | | |
| 530 | 3.2 | 11.2 | ✓ | ✓ |
| 420 | | | | |
| 530 | 6.0 | 08.4 | ✓ | ✓ |
| 410 | | | | |
| 530 | 8.7 | 05.7 | ✓ | ✓ |
| 390 | | | | |
| 540 | 11.0 | 03.4 | ✓ | ✓ |
| 400 | | | | |
| 540 | 7.6 | 06.8 | ✓ | ✓ |
| 410 | | | | |
| 540 | 3.9 | 10.5 | ✓ | ✓ |
| 390 | | | | |
| 550 | 3.7 | 10.7 | ✓ | ✓ |
| 380 | | | | |
| 550 | 8.4 | 06.0 | ✓ | ✓ |
| 370 | | | | |
| 560 | 9.0 | 05.4 | ✓ | ✓ |
| 380 | | | | |
| 560 | 2.2 | 12.2 | ✓ | ✓ |
| 380 | | | | |
| 570 | 2.1 | 12.3 | ✓ | ✓ |
| 370 | | | | |
| 570 | 8.7 | 05.7 | ✓ | ✓ |

(1100)

| | | | | | | |
|------|-------|--------|------|--------|---|---|
| | | 814.40 | | | | |
| 4370 | | | 7.9 | 806.5 | ✓ | ✓ |
| 5580 | | | | | | |
| 380 | | | 1.0 | 13.4 | ✓ | ✓ |
| 580 | | | | | | |
| 370 | | | 4.4 | 10.0 | ✓ | ✓ |
| 590 | | | | | | |
| 370 | | | 9.4 | 05.0 | ✓ | ✓ |
| 600 | | | | | | |
| 380 | | | 3.0 | 11.4 | ✓ | ✓ |
| 600 | | | | | | |
| T.P. | 12.46 | 826.62 | 0.24 | 814.16 | | |
| 390 | | | | | | |
| 600 | | | 8.7 | 17.9 | ✓ | ✓ |
| 400 | | | | | | |
| 600 | | | 2.5 | 24.1 | ✓ | ✓ |
| 390 | | | | | | |
| 590 | | | 5.2 | 21.4 | ✓ | ✓ |
| 380 | | | | | | |
| 590 | | | 10.5 | 16.1 | ✓ | ✓ |
| 390 | | | | | | |
| 580 | | | 4.8 | 21.8 | ✓ | ✓ |
| 390 | | | | | | |
| 570 | | | 7.1 | 19.5 | ✓ | ✓ |
| 400 | | | | | | |
| 570 | | | 2.2 | 24.4 | ✓ | ✓ |
| 410 | | | | | | |
| 560 | | | 3.1 | 23.5 | ✓ | ✓ |
| 400 | | | | | | |
| 560 | | | 6.1 | 20.5 | ✓ | ✓ |
| 390 | | | | | | |
| 560 | | | 9.3 | 17.3 | ✓ | ✓ |
| 400 | | | | | | |
| 550 | | | 12.5 | 14.1 | ✓ | ✓ |
| 410 | | | | | | |
| 550 | | | 8.1 | 18.5 | ✓ | ✓ |
| 420 | | | | | | |
| 550 | | | 4.2 | 22.4 | ✓ | ✓ |
| 430 | | | | | | |
| 540 | | | 6.0 | 20.6 | ✓ | ✓ |
| 420 | | | | | | |
| 540 | | | 12.0 | 14.6 | ✓ | ✓ |
| 450 | | | | | | |
| 530 | | | 9.5 | 17.1 | ✓ | ✓ |
| 460 | | | | | | |
| 530 | | | 0.0 | 26.6 | ✓ | ✓ |
| 460 | | | | | | |
| 520 | | | 0.9 | 25.7 | ✓ | ✓ |
| 450 | | | | | | |
| 520 | | | 8.6 | 18.0 | ✓ | ✓ |

(103)

| | | | | | |
|------|-------|--------|------|--------|-----|
| 4450 | | 826.62 | | | |
| 5510 | | | 13.7 | 812.9 | ✓ ✓ |
| 460 | | | 8.2 | 18.4 | ✓ ✓ |
| 510 | | | | | |
| 470 | | | 0.0 | 26.6 | ✓ ✓ |
| 510 | | | | | |
| 470 | | | 8.8 | 17.8 | ✓ ✓ |
| 500 | | | | | |
| 460 | | | 14.8 | 11.8 | ✓ ✓ |
| 500 | | | | | |
| 440 | | | 13.0 | 13.6 | ✓ ✓ |
| 490 | | | | | |
| 450 | | | 9.0 | 17.6 | ✓ ✓ |
| 490 | | | | | |
| 460 | | | 2.4 | 24.2 | ✓ ✓ |
| 490 | | | | | |
| 440 | | | 4.8 | 21.8 | ✓ ✓ |
| 480 | | | | | |
| 430 | | | 10.4 | 16.2 | ✓ ✓ |
| 480 | | | | | |
| T.P. | 12.99 | 839.27 | 0.37 | 826.25 | ✓ |
| 450 | | | | | |
| 480 | | | 13.2 | 26.0 | ✓ ✓ |
| 160 | | | | | |
| 480 | | | 9.6 | 29.6 | ✓ ✓ |
| 470 | | | | | |
| 480 | | | 4.6 | 34.6 | ✓ ✓ |
| 480 | | | | | |
| 490 | | | 5.3 | 33.9 | ✓ ✓ |
| 470 | | | | | |
| 490 | | | 16.6 | 22.6 | ✓ ✓ |
| 480 | | | | | |
| 500 | | | 12.6 | 26.6 | ✓ ✓ |
| 480 | | | | | |
| 510 | | | 0.1 | 39.1 | ✓ ✓ |
| 470 | | | | | |
| 520 | | | 2.4 | 36.8 | ✓ ✓ |
| 470 | | | | | |
| 530 | | | 0.5 | 38.7 | ✓ ✓ |
| 460 | | | | | |
| 540 | | | 11.6 | 27.6 | ✓ ✓ |
| 450 | | | | | |
| 540 | | | 18.5 | 20.7 | ✓ ✓ |
| 440 | | | | | |
| 540 | | | 19.6 | 19.6 | ✓ ✓ |
| 430 | | | | | |
| 550 | | | 15.1 | 24.1 | ✓ ✓ |
| 440 | | | | | |
| 550 | | | 10.5 | 28.7 | ✓ ✓ |

(1030)

839.24

| | | | | | |
|------|-------|--------|------|--------|-----|
| 4450 | | | | | |
| 5550 | | | 8.7 | 830.5 | ✓ ✓ |
| 460 | | | 8.3 | 30.9 | ✓ ✓ |
| 550 | | | | | |
| 470 | | | 3.5 | 35.7 | ✓ ✓ |
| 550 | | | | | |
| 450 | | | 1.0 | 38.2 | ✓ ✓ |
| 560 | | | | | |
| 440 | | | 3.9 | 35.3 | ✓ ✓ |
| 560 | | | | | |
| 430 | | | 8.3 | 30.9 | ✓ ✓ |
| 560 | | | | | |
| 420 | | | 12.0 | 27.2 | ✓ ✓ |
| 560 | | | | | |
| 410 | | | 11.2 | 28.0 | ✓ ✓ |
| 570 | | | | | |
| 420 | | | 7.1 | 32.1 | ✓ ✓ |
| 570 | | | | | |
| 430 | | | 3.7 | 35.5 | ✓ ✓ |
| 570 | | | | | |
| 420 | | | 3.9 | 35.3 | ✓ ✓ |
| 580 | | | | | |
| 410 | | | 7.9 | 31.3 | ✓ ✓ |
| 580 | | | | | |
| 400 | | | 11.0 | 28.2 | ✓ ✓ |
| 580 | | | | | |
| 400 | | | 11.7 | 27.5 | ✓ ✓ |
| 590 | | | | | |
| 410 | | | 8.5 | 30.7 | ✓ ✓ |
| 590 | | | | | |
| 420 | | | 4.6 | 37.6 | ✓ ✓ |
| 590 | | | | | |
| 430 | | | 3.3 | 35.9 | ✓ ✓ |
| 600 | | | | | |
| 420 | | | 7.4 | 31.8 | ✓ ✓ |
| 600 | | | | | |
| 410 | | | 11.4 | 27.8 | ✓ ✓ |
| 600 | | | | | |
| T.P. | 13.09 | 851.90 | 0.43 | 838.81 | |
| 440 | | | 10.6 | 41.3 | ✓ ✓ |
| 600 | | | | | |
| 450 | | | 5.4 | 46.3 | ✓ ✓ |
| 600 | | | | | |
| 450 | | | 4.6 | 47.3 | ✓ ✓ |
| 590 | | | | | |
| 440 | | | 9.6 | 42.3 | ✓ ✓ |
| 590 | | | | | |
| 430 | | | 13.3 | 38.6 | ✓ ✓ |
| 590 | | | | | |

4430
5580 Rock

1032

| | | | | | |
|------|------|---------------------|------|---------------------|-----|
| 4430 | | | | | |
| 5580 | | 851.90 | 13.3 | 838.6 ^v | ✓ ✓ |
| 740 | | | 10.0 | 41.9 ^v | ✓ ✓ |
| 580 | | | 5.5 | 46.4 ^v | ✓ ✓ |
| 450 | | | 1.5 | 50.4 ^v | ✓ ✓ |
| 580 | | | 3.5 | 48.4 ^v | ✓ ✓ |
| 460 | | | 5.8 | 46.1 ^v | ✓ ✓ |
| 580 | | | 9.3 | 42.6 ^v | ✓ ✓ |
| 470 | | | 12.6 | 39.3 ^v | ✓ ✓ |
| 570 | | | 10.6 | 41.3 ^v | ✓ ✓ |
| 460 | | | 8.6 | 43.3 ^v | ✓ ✓ |
| 560 | | | 6.1 | 45.8 ^v | ✓ ✓ |
| 470 | | | 6.4 | 45.5 ^v | ✓ ✓ |
| 560 | | | 13.0 | 38.9 ^v | ✓ ✓ |
| 480 | | | 3.7 | 48.2 ^v | ✓ ✓ |
| 540 | | | 3.5 | 48.4 ^v | ✓ ✓ |
| 480 | | | 5.1 | 46.8 ^v | ✓ ✓ |
| 530 | | | 4.2 | 47.7 ^v | ✓ ✓ |
| 480 | | | 15.0 | 36.9 ^v | ✓ ✓ |
| 520 | | | 14.4 | 37.5 ^v | ✓ ✓ |
| 490 | | | | | |
| 520 | | | | | |
| 490 | | | | | |
| 510 | | | | | |
| 500 | | | | | |
| 510 | | | | | |
| T.P. | 7.78 | 855.60 ^v | 4.08 | 847.82 ^v | |
| 4500 | | | 13.4 | 42.2 ^v | ✓ ✓ |
| 5500 | | | 22.6 | 33.0 ^v | ✓ ✓ |
| 4490 | | | 12.5 | 43.1 ^v | ✓ ✓ |
| 5500 | | | 3.7 | 51.9 ^v | ✓ ✓ |
| 4490 | | | 2.5 | 53.1 ^v | ✓ ✓ |
| 5490 | | | | | |
| 4500 | | | | | |
| 5490 | | | | | |
| 4500 | | | | | |
| 5480 | | | | | |

(188)

Rock 4500
5500

April, 13, 1932
Simpson -
Louden -
Bailey -
Walton -

855.60

| | | | | | | |
|------|-------|--------|------|--------|---|---|
| 4490 | | | | | | |
| 5480 | | | 8.6 | 847.0 | ✓ | ✓ |
| 4480 | | | | | | |
| 5480 | | | 12.8 | 42.8 | ✓ | ✓ |
| T.P. | 13.06 | 868.54 | 0.12 | 855.98 | | |
| 4510 | | | | | | |
| 5480 | | | 8.9 | 59.6 | ✓ | ✓ |
| 4520 | | | | | | |
| 5480 | | | 3.4 | 65.1 | ✓ | ✓ |
| 4530 | | | | | | |
| 5490 | | | 0.7 | 67.8 | ✓ | ✓ |
| 520 | | | | | | |
| 490 | | | 7.1 | 61.4 | ✓ | ✓ |
| 510 | | | | | | |
| 490 | | | 10.8 | 57.7 | ✓ | ✓ |
| 510 | | | | | | |
| 500 | | | 21.4 | 47.1 | ✓ | ✓ |
| 520 | | | | | | |
| 500 | | | 10.8 | 57.7 | ✓ | ✓ |
| 530 | | | | | | |
| 500 | | | 6.2 | 62.3 | ✓ | ✓ |
| 540 | | | | | | |
| 500 | | | 9.3 | 59.2 | ✓ | ✓ |
| 540 | | | | | | |
| 510 | | | 7.1 | 61.4 | ✓ | ✓ |
| 530 | | | | | | |
| 510 | | | 13.7 | 54.8 | ✓ | ✓ |
| 520 | | | | | | |
| 510 | | | 16.7 | 51.8 | ✓ | ✓ |
| 510 | | | | | | |
| 510 | | | 24.7 | 43.8 | ✓ | ✓ |
| 500 | | | | | | |
| 520 | | | 12.7 | 55.8 | ✓ | ✓ |
| 510 | | | | | | |
| 520 | | | 13.7 | 54.8 | ✓ | ✓ |
| 520 | | | | | | |
| 520 | | | 12.5 | 56.0 | ✓ | ✓ |
| 530 | | | | | | |
| 520 | | | 7.4 | 61.1 | ✓ | ✓ |
| 540 | | | | | | |
| 520 | | | 1.6 | 66.9 | ✓ | ✓ |
| 520 | | | | | | |
| 530 | | | 2.1 | 66.4 | ✓ | ✓ |
| 510 | | | | | | |
| 530 | | | 5.2 | 63.3 | ✓ | ✓ |
| 500 | | | | | | |
| 530 | | | 9.5 | 59.0 | ✓ | ✓ |
| 490 | | | | | | |
| 530 | | | 14.3 | 54.2 | ✓ | ✓ |

Rock N 4500
E 5477

(100)

868.54

| | | | | | |
|------|------|--------------------|---|---|--|
| 4490 | | | | | |
| 5540 | 12.9 | 855.6 ^v | ✓ | ✓ | |
| 500 | 8.1 | 60.4 ^v | ✓ | ✓ | |
| 540 | | | | | |
| 510 | 4.1 | 64.4 ^v | ✓ | ✓ | |
| 540 | | | | | |
| 520 | 0.2 | 68.3 ^v | ✓ | ✓ | |
| 550 | | | | | |
| 510 | 4.2 | 64.3 ^v | ✓ | ✓ | |
| 550 | | | | | |
| 500 | 8.6 | 59.9 ^v | ✓ | ✓ | |
| 550 | | | | | |
| 490 | 15.4 | 53.1 ^v | ✓ | ✓ | |
| 550 | | | | | |
| 490 | 17.3 | 51.2 ^v | ✓ | ✓ | |
| 560 | | | | | |
| 500 | 13.6 | 54.9 ^v | ✓ | ✓ | |
| 560 | | | | | |
| 510 | 7.2 | 61.3 ^v | ✓ | ✓ | |
| 560 | | | | | |
| 520 | 2.3 | 66.2 ^v | ✓ | ✓ | |
| 560 | | | | | |
| 510 | 6.1 | 62.4 ^v | ✓ | ✓ | |
| 570 | | | | | |
| 500 | 7.8 | 60.7 ^v | ✓ | ✓ | |
| 570 | | | | | |
| 490 | 14.5 | 54.0 ^v | ✓ | ✓ | |
| 570 | | | | | |
| 480 | 17.7 | 50.8 ^v | ✓ | ✓ | |
| 570 | | | | | |
| 470 | 14.9 | 53.6 ^v | ✓ | ✓ | |
| 580 | | | | | |
| 480 | 11.0 | 57.5 ^v | ✓ | ✓ | |
| 580 | | | | | |
| 490 | 7.2 | 61.3 ^v | ✓ | ✓ | |
| 580 | | | | | |
| 500 | 3.1 | 65.4 ^v | ✓ | ✓ | |
| 580 | | | | | |
| 490 | 0.6 | 67.9 ^v | ✓ | ✓ | |
| 590 | | | | | |
| 480 | 6.5 | 62.0 ^v | ✓ | ✓ | |
| 590 | | | | | |
| 470 | 11.7 | 56.8 ^v | ✓ | ✓ | |
| 590 | | | | | |
| 460 | 16.7 | 51.8 ^v | ✓ | ✓ | |
| 590 | | | | | |
| 460 | 15.6 | 52.9 ^v | ✓ | ✓ | |
| 600 | | | | | |
| 470 | 10.2 | 58.3 ^v | ✓ | ✓ | |
| 600 | | | | | |

(1130)

| | | | | | |
|------|-------|--------|------|--------|-----|
| 4480 | | 868.54 | | | |
| 5600 | | | 3.3 | 865.2 | ✓ ✓ |
| T.R | 12.85 | 881.17 | 0.22 | 868.32 | |
| 490 | | | | | |
| 600 | | | 9.0 | 72.2 | ✓ ✓ |
| 500 | | | 3.7 | 77.5 | ✓ ✓ |
| 600 | | | | | |
| 510 | | | 4.7 | 76.5 | ✓ ✓ |
| 590 | | | | | |
| 500 | | | 8.8 | 72.4 | ✓ ✓ |
| 590 | | | | | |
| 510 | | | 12.0 | 69.2 | ✓ ✓ |
| 580 | | | | | |
| 520 | | | 6.8 | 74.4 | ✓ ✓ |
| 580 | | | | | |
| 530 | | | 1.8 | 79.4 | ✓ ✓ |
| 580 | | | | | |
| 540 | | 881.2 | 3.6 | 77.6 | ✓ ✓ |
| 570 | | | | | |
| 530 | | | 8.8 | 72.4 | ✓ ✓ |
| 570 | | | | | |
| 520 | | | 13.1 | 68.1 | ✓ ✓ |
| 570 | | | | | |
| 530 | | | 10.1 | 71.1 | ✓ ✓ |
| 560 | | | | | |
| 540 | | | 4.8 | 76.4 | ✓ ✓ |
| 560 | | | | | |
| 540 | | | 1.8 | 79.4 | ✓ ✓ |
| 550 | | | | | |
| 530 | | | 8.1 | 73.1 | ✓ ✓ |
| 550 | | | | | |
| 520 | | | | 69.4 | |
| 540 | | | 11.8 | 69.5 | ✓ ✓ |
| 530 | | | | | |
| 540 | | | 7.0 | 74.2 | ✓ ✓ |
| 540 | | | | | |
| 540 | | | 1.9 | 79.3 | ✓ ✓ |
| 550 | | | | | |
| 530 | | | 2.0 | 79.2 | ✓ ✓ |
| 540 | | | | | |
| 530 | | | 8.8 | 72.4 | ✓ ✓ |
| 530 | | | | | |
| 530 | | | 11.4 | 69.8 | ✓ ✓ |
| 550 | | | | | |
| 520 | | | 8.0 | 73.2 | ✓ ✓ |
| 560 | | | | | |
| 520 | | | 1.8 | 79.4 | ✓ ✓ |
| 560 | | | | | |
| 510 | | | 13.5 | 67.7 | ✓ ✓ |

Small Rack N 4487
E 5594

(1130)

| | | | | | |
|------|-------|--------|------|--------|----------------------|
| 4550 | | | | | |
| 5510 | | | 16.1 | 865.1 | ✓ ✓ |
| 550 | | | 9.5 | 71.7 | ✓ ✓ |
| 500 | | | 2.0 | 79.2 | ✓ ✓ |
| 560 | | | 3.5 | 77.7 | ✓ ✓ |
| 550 | | | 6.3 | 74.9 | ✓ ✓ |
| 490 | | | 9.8 | 71.4 | ✓ ✓ |
| 540 | | | 3.3 | 77.9 | ✓ ✓ |
| 490 | | | | | |
| 530 | | | | | |
| 480 | | | | | |
| 540 | | | | | |
| 480 | | | | | |
| | 6.38 | 881.28 | 6.38 | 874.79 | check |
| T.P. | 12.51 | 893.27 | 0.52 | 874.90 | ON T.P. set previous |
| | 10.31 | 898.74 | 4.84 | 880.76 | Rock 4543 |
| 550 | | | | | 5479 |
| 480 | | | 13.7 | 888.43 | " 4553 |
| 560 | | | 8.6 | 85.0 | 5480 |
| 480 | | | 4.3 | 90.1 | |
| 570 | | | 4.0 | 94.4 | |
| 480 | | | 8.6 | 90.1 | |
| 580 | | | 14.3 | 84.4 | |
| 490 | | | 13.6 | 85.1 | |
| 570 | | | 8.0 | 90.7 | |
| 490 | | | 1.8 | 96.9 | |
| 560 | | | 5.7 | 93.0 | |
| 490 | | | 10.8 | 87.9 | |
| 570 | | | 14.9 | 83.8 | |
| 500 | | | 23.3 | 75.4 | |
| 580 | | | 14.2 | 84.5 | |
| 500 | | | 10.1 | 88.6 | |
| 600 | | | | | |
| 510 | | | | | |
| 590 | | | | | |
| 510 | | | | | |
| 580 | | | | | |
| 510 | | | | | |
| 570 | | | | | |
| 510 | | | | | |
| 570 | | | | | |
| 520 | | | | | |
| 580 | | | | | |
| 520 | | | | | |

(200)

898.74

| | | | | | |
|------|------|-------|---|---|--|
| 4590 | | | | | |
| 5520 | 4.9 | 893.8 | ✓ | ✓ | |
| 580 | | | | | |
| 530 | 2.4 | 96.3 | ✓ | ✓ | |
| 570 | | | | | |
| 530 | 7.8 | 90.9 | ✓ | ✓ | |
| 560 | | | | | |
| 530 | 13.3 | 85.4 | ✓ | ✓ | |
| 550 | | | | | |
| 540 | 12.4 | 86.3 | ✓ | ✓ | |
| 560 | | | | | |
| 540 | 7.8 | 90.9 | ✓ | ✓ | |
| 570 | | | | | |
| 540 | 0.8 | 97.9 | ✓ | ✓ | |
| 560 | | | | | |
| 550 | 6.6 | 92.1 | ✓ | ✓ | |
| 550 | | | | | |
| 550 | 13.3 | 85.4 | ✓ | ✓ | |
| 550 | | | | | |
| 560 | 14.5 | 84.2 | ✓ | ✓ | |
| 4560 | | | | | |
| 5560 | 7.5 | 91.2 | ✓ | ✓ | |
| 570 | | | | | |
| 560 | 1.0 | 97.7 | ✓ | ✓ | |
| 4570 | | | | | |
| 5570 | 2.5 | 96.2 | ✓ | ✓ | |
| 560 | | | | | |
| 570 | 12.0 | 86.7 | ✓ | ✓ | |
| 550 | | | | | |
| 570 | 14.6 | 84.1 | ✓ | ✓ | |
| 540 | | | | | |
| 580 | 15.6 | 83.1 | ✓ | ✓ | |
| 550 | | | | | |
| 580 | 9.8 | 88.9 | ✓ | ✓ | |
| 560 | | | | | |
| 580 | 6.3 | 92.4 | ✓ | ✓ | |
| 550 | | | | | |
| 590 | 3.9 | 94.8 | ✓ | ✓ | |
| 540 | | | | | |
| 590 | 6.9 | 91.8 | ✓ | ✓ | |
| 530 | | | | | |
| 590 | 11.8 | 86.9 | ✓ | ✓ | |
| 520 | | | | | |
| 590 | 18.3 | 80.4 | ✓ | ✓ | |
| 510 | | | | | |
| 600 | 17.1 | 81.6 | ✓ | ✓ | |
| 520 | | | | | |
| 600 | 12.0 | 86.7 | ✓ | ✓ | |
| 530 | | | | | |
| 600 | 7.3 | 91.4 | ✓ | ✓ | |

(100)

898.74

4540
5600

2.7 896.0 ✓ ✓

T.P.

12.71 910.90 ✓

0.55 898.19 ✓ ✓

on Rock N4534
E5607

| | | | | |
|-----|------|-------|---|---|
| 550 | 11.0 | 899.9 | ✓ | ✓ |
| 600 | 6.8 | 904.1 | ✓ | ✓ |
| 560 | 1.1 | 09.8 | ✓ | ✓ |
| 600 | 0.6 | 10.3 | ✓ | ✓ |
| 570 | 6.0 | 04.9 | ✓ | ✓ |
| 600 | 11.2 | 799.7 | ✓ | ✓ |
| 580 | 12.7 | 98.2 | ✓ | ✓ |
| 590 | 10.5 | 00.4 | ✓ | ✓ |
| 570 | 6.0 | 04.9 | ✓ | ✓ |
| 580 | 3.0 | 07.9 | ✓ | ✓ |
| 580 | 10.2 | 00.7 | ✓ | ✓ |
| 570 | 7.0 | 03.9 | ✓ | ✓ |
| 580 | 5.9 | 05.0 | ✓ | ✓ |
| 560 | 12.6 | 98.3 | ✓ | ✓ |
| 580 | 6.7 | 04.2 | ✓ | ✓ |
| 540 | 1.0 | 09.9 | ✓ | ✓ |
| 570 | 2.2 | 08.7 | ✓ | ✓ |
| 550 | 6.5 | 04.4 | ✓ | ✓ |
| 580 | 15.0 | 895.9 | ✓ | ✓ |
| 530 | 4.8 | 906.1 | ✓ | ✓ |
| 600 | 7.3 | 03.6 | ✓ | ✓ |
| 520 | 8.9 | 02.0 | ✓ | ✓ |
| 610 | 6.3 | 04.6 | ✓ | ✓ |
| 510 | | | | |
| 600 | | | | |
| 500 | | | | |

(2030)

| | | | | | |
|------|-------|--------|------|--------|-----|
| 4610 | | 910.90 | | | |
| 5500 | | | 1.9 | 909.0 | ✓ ✓ |
| 600 | | | 4.3 | 06.6 | ✓ ✓ |
| 490 | | | 10.4 | 00.5 | ✓ ✓ |
| 590 | | | | | |
| 490 | | | 11.3 | 799.6 | ✓ ✓ |
| 580 | | | 7.2 | 03.7 | ✓ ✓ |
| 480 | | | 0.7 | 10.2 | ✓ ✓ |
| 590 | | | | | |
| 780 | | | 1.38 | 909.52 | |
| 600 | | | | | |
| 480 | | | 2.33 | 918.87 | |
| T.P. | 11.68 | 921.20 | | | |
| T.P. | 9.25 | 928.12 | | | |
| 610 | | | 14.6 | 13.5 | ✓ ✓ |
| 480 | | | 8.7 | 19.4 | ✓ ✓ |
| 620 | | | 2.5 | 25.6 | ✓ ✓ |
| 480 | | | 4.0 | 24.1 | ✓ ✓ |
| 630 | | | 9.9 | 18.2 | ✓ ✓ |
| 780 | | | 15.5 | 12.6 | ✓ ✓ |
| 630 | | | | | |
| 490 | | | 14.1 | 14.0 | ✓ ✓ |
| 620 | | | 5.7 | 22.4 | ✓ ✓ |
| 490 | | | 11.1 | 17.0 | ✓ ✓ |
| 610 | | | 14.0 | 14.1 | ✓ ✓ |
| 490 | | | 15.9 | 12.2 | ✓ ✓ |
| 620 | | | 15.3 | 12.8 | ✓ ✓ |
| 500 | | | 10.2 | 17.9 | ✓ ✓ |
| 630 | | | 2.7 | 25.4 | ✓ ✓ |
| 500 | | | 3.0 | 25.1 | ✓ ✓ |
| 630 | | | | | |
| 510 | | | 9.1 | 19.0 | ✓ ✓ |
| 630 | | | 13.3 | 14.8 | ✓ ✓ |
| 520 | | | | | |
| 610 | | | | | |
| 530 | | | | | |
| 620 | | | | | |
| 530 | | | | | |
| 630 | | | | | |
| 530 | | | | | |
| 620 | | | | | |
| 540 | | | | | |
| 610 | | | | | |
| 540 | | | | | |
| 600 | | | | | |
| 540 | | | | | |

Rock 4578
 " 5478
 " 4617
 " 5478

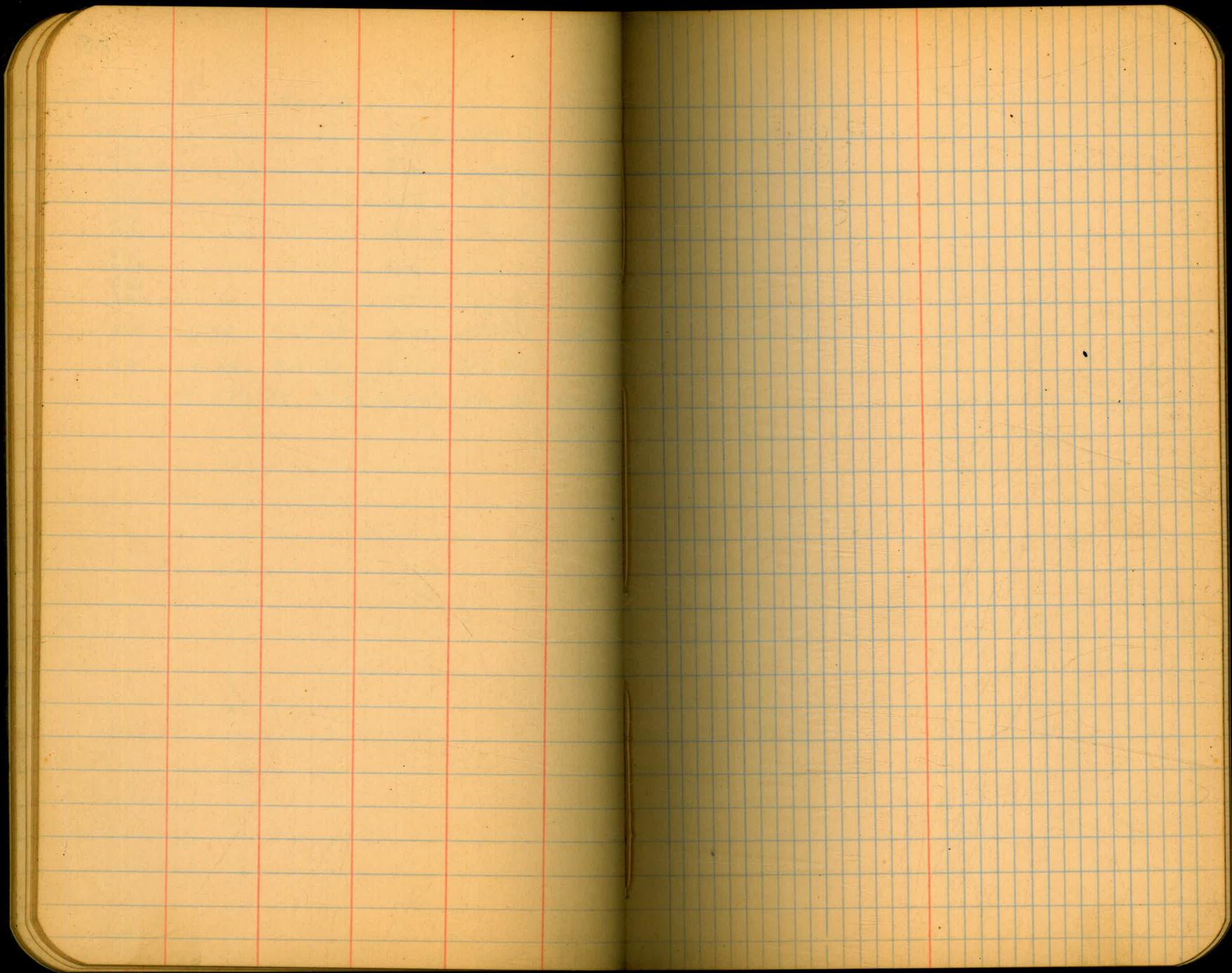
(203)

928.12

| | | | | | |
|------|-------|--------|--------|---|---|
| 4590 | | | | | |
| 5550 | | | | | |
| 600 | | 16.3 | 911.8 | ✓ | ✓ |
| 550 | | 9.5 | 18.6 | ✓ | ✓ |
| 610 | | 2.9 | 25.2 | ✓ | ✓ |
| 550 | | 3.0 | 25.1 | ✓ | ✓ |
| 610 | | 9.0 | 19.1 | ✓ | ✓ |
| 560 | | 16.5 | 11.6 | ✓ | ✓ |
| 600 | | 10.8 | 17.3 | ✓ | ✓ |
| 570 | | 3.8 | 24.3 | ✓ | ✓ |
| 610 | | 6.3 | 21.8 | ✓ | ✓ |
| 580 | | 14.0 | 14.1 | ✓ | ✓ |
| 600 | | 13.9 | 14.2 | ✓ | ✓ |
| 580 | | 11.9 | 16.2 | ✓ | ✓ |
| 600 | | 7.1 | 21.0 | ✓ | ✓ |
| 590 | | 1.5 | 26.6 | ✓ | ✓ |
| 610 | | 4.5 | 23.6 | ✓ | ✓ |
| 600 | | 9.3 | 18.8 | ✓ | ✓ |
| 580 | | 13.6 | 14.5 | ✓ | ✓ |
| 600 | | 0.53 | 927.59 | | |
| T.P. | 13.04 | 940.63 | | | |
| 620 | | 9.8 | 30.8 | ✓ | ✓ |
| 600 | | 5.0 | 35.6 | ✓ | ✓ |
| 630 | | 6.7 | 33.9 | ✓ | ✓ |
| 600 | | 14.0 | 26.6 | ✓ | ✓ |
| 630 | | 10.5 | 30.1 | ✓ | ✓ |
| 590 | | 5.0 | 35.6 | ✓ | ✓ |
| 620 | | 3.0 | 37.6 | ✓ | ✓ |
| 580 | | | | | |
| 630 | | | | | |
| 570 | | | | | |

Rock 4595
5610

900



DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

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
left column and top row. The number in both
of table in same row and column gives distance

**IMPROVED TABLES
AND
INFORMATION**

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 T may be found
by dividing tangent (or external) opposite T 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.

Rock N4380 El. 803.60
E 5450

25
14

100
25

350