

W343

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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

Mar. 30 to Apr. 6, 1932.

Converse

Simpson Elliott

Loudon Soper

Bailey Shea

Walton

Contd. from Book #342.

Mar. 30, 1932
 Converse - chief
 Simpson - Notes
 Louden - Rod
 Bailey - Level
 Walton - Tape

2

clear, warm.

B.M.	7.59	569.44		561.85 = Hub on Axis	N 3560 # 5000
T.P.	1.90	563.06	8.28	561.16	
3730			5.4	57.7 ✓	✓
5620					
740			5.3	57.8 ✓	✓
620					
750			5.6	57.5 ✓	✓
620					
760			5.4	57.7 ✓	✓
620					
760			5.7	57.4 ✓	✓
610					
750			5.1	58.0 ✓	✓
610					
740			5.4	57.7 ✓	✓
610					
730			5.5	57.6 ✓	✓
610					
730			5.6	57.5 ✓	✓
600					
740			5.4	57.7 ✓	✓
600					
750			5.6	57.5 ✓	✓
600					
750			5.7	57.4 ✓	✓
590					
740			5.5	57.6 ✓	✓
590					
730			5.5	57.6 ✓	✓
590					
730			5.4	57.7 ✓	✓
580					
740			5.5	57.6 ✓	✓
580					
750			5.8	57.3 ✓	✓
580					
760			5.6	57.5 ✓	✓
580					
770			5.6	57.5 ✓	✓
570					
760			5.7	57.4 ✓	✓
570					
750			5.7	57.4 ✓	✓
570					
740			5.5	57.6 ✓	✓
570					
730			5.6	57.5 ✓	✓
570					

GLB.

563.06

3740			
5560	5.6	57.5	✓
750			
560	5.8	57.3	✓
760			
560	5.7	57.4	✓
770			
560	5.8	57.3	✓
780			
550	5.7	57.4	✓
770			
550	5.7	57.4	✓
760			
550	6.0	57.1	✓
750			
550	5.8	57.3	✓
740			
550	5.6	57.5	✓
750			
540	5.8	57.3	✓
760			
540	5.9	57.2	✓
770			
540	5.8	57.3	✓
780			
540	5.7	57.4	✓
780			
530	5.8	57.3	✓
770			
530	6.0	57.1	✓
760			
530	6.1	57.0	✓
750			
530	5.8	57.3	✓
760			
520	6.0	57.1	✓
770			
520	6.1	57.0	✓
780			
520	5.9	57.2	✓
780			
510	6.0	57.1	✓
770			
510	6.1	57.0	✓
760			
510	6.1	57.0	✓
760			
500	6.4	56.7	✓
770			
500	6.1	57.0	GLB ✓

563.06

3780				
5500				
790	6.0	57.1	✓	✓
500				
790	5.9	57.2	✓	✓
490				
780	5.8	57.3	✓	✓
490				
770	6.2	56.9	✓	✓
490				
760	6.2	56.9	✓	✓
490				
760	6.3	56.8	✓	✓
480				
760	6.2	56.9	✓	✓
480				
770	6.0	57.1	✓	✓
480				
780	6.2	56.9	✓	✓
480				
790	6.2	56.9	✓	✓
480				
790	6.6	56.5	✓	✓
780				
470	6.1	57.0	✓	✓
770				
470	6.1	57.0	✓	✓
760				
470	6.2	57.9	✓	✓
760				
460	6.3	56.8	✓	✓
770				
460	6.2	56.9	✓	✓
780				
460	6.1	57.0	✓	✓
790				
460	6.4	56.7	✓	✓
790				
450	6.7	56.4	✓	✓
780				
450	6.6	56.5	✓	✓
770				
450	5.9	57.2	✓	✓
760				
450	6.5	56.6	✓	✓
760				
440	6.3	56.8	✓	✓
770				
440	6.2	56.9	✓	✓
780				
440	6.5	56.6	✓	GLB. ✓

563.06

3790				
5140	6.5	56.6	✓	✓
790				
430	6.7	56.4	✓	✓
780				
430	6.0	57.1	✓	✓
770				
430	6.1	57.0	✓	✓
760				
430	6.3	56.8	✓	✓
760				
420	6.5	56.4	✓	✓
770				
420	6.4	56.7	✓	✓
780				
420	6.3	56.8	✓	✓
790				
420	6.5	56.6	✓	✓
800				
410	6.9	56.2	✓	✓
790				
410	6.4	56.7	✓	✓
780				
410	6.6	56.5	✓	✓
770				
410	6.4	56.7	✓	✓
470				
400	6.6	56.5	✓	✓
780				
400	6.5	56.4	✓	✓
790				
400	6.4	56.7	✓	✓
800				
400	6.5	56.6	✓	✓
810				
400	6.7	56.4	✓	✓
810				
390	6.6	56.5	✓	✓
800				
390	6.8	56.3	✓	✓
790				
390	6.8	56.3	✓	✓
780				
390	6.6	56.5	✓	✓
770				
390	6.7	56.4	✓	✓
770				
380	6.7	56.4	✓	✓
780				
380	6.8	56.3	GLB. ✓	✓

		563.06	
3790			
5380	6.7	56.4	✓ ✓
800			
380	6.8	56.3	✓ ✓
810			
380	6.4	56.7	✓ ✓
810			
370	6.9	56.2	✓ ✓
800			
370	6.7	56.4	✓ ✓
790			
370	6.9	56.2	✓ ✓
780			
370	7.0	56.1	✓ ✓
770			
370	6.7	56.4	✓ ✓
770			
360	6.5	56.6	✓ ✓
780			
360	6.9	56.2	✓ ✓
790			
360	6.7	56.4	✓ ✓
800			
360	6.7	56.4	✓ ✓
800			
350	7.1	56.0	✓ ✓
790			
350	7.0	56.1	✓ ✓
780			
350	6.8	56.3	✓ ✓
770			
350	6.5	56.6	✓ ✓
770			
340	6.6	56.5	✓ ✓
780			
340	6.7	56.4	✓ ✓
790			
340	7.0	56.1	✓ ✓
790			
330	7.3	55.8	✓ ✓
780			
330	6.8	56.3	✓ ✓
770			
320	6.8	56.3	✓ ✓
780			
320	6.8	56.3	✓ ✓
790			
320	7.3	55.8	✓ ✓
800		55.1	
320	8.0	54.1	GLB ✓

563.06

3800			7.1	55.0	✓	✓
5330				55.1		
800			8.2	54.8	✓	✓
310				55.6	✓	✓
790			7.5	56.1	✓	✓
310				55.1	✓	✓
780			7.0	56.3	✓	✓
310				56.6	✓	✓
770			6.8	55.8	✓	✓
310				55.9	✓	✓
760			6.5	55.6	✓	✓
300				54.7	✓	✓
770			7.2	55.9	✓	✓
300				55.7	✓	✓
780			7.5	55.4	✓	✓
300				56.0	✓	✓
790			8.4	56.75		
300	4.36	561.11	6.31	56.7	✓	✓
800				55.4	✓	✓
300			7.2	55.9	✓	✓
800			7.4	55.7	✓	✓
290				55.9	✓	✓
790			7.7	55.4	✓	✓
290				55.3	✓	✓
780			7.1	55.9	✓	✓
290				55.6	✓	✓
T.P.	4.36	561.11	6.31	55.6	✓	✓
760			4.4	55.6	✓	✓
280				55.6	✓	✓
770			5.7	55.7	✓	✓
280				55.7	✓	✓
780			5.2	55.7	✓	✓
280				55.7	✓	✓
790			5.8	55.7	✓	✓
280				55.7	✓	✓
800			5.2	55.7	✓	✓
280				55.7	✓	✓
800			5.5	55.7	✓	✓
270				55.7	✓	✓
790			5.5	55.7	✓	✓
270				55.7	✓	✓
780			5.4	55.7	✓	✓
270				55.7	✓	✓
770			5.1	55.7	✓	✓
270				55.7	✓	✓
760			5.3	55.7	✓	✓
270				55.7	✓	✓
750			5.2	55.7	✓	✓
260				55.7	✓	✓

GLBV

561.11				
3760		5.4	53.7	✓
5260				✓
770		5.2	55.9	✓
260				✓
780		5.4	55.7	✓
260				✓
790		5.4	53.7	✓
260				✓
790		5.6	55.5	✓
250				✓
780		5.5	55.6	✓
250				✓
770		5.4	55.7	✓
250				✓
760		5.4	55.7	✓
250				✓
750		5.4	55.7	✓
250				✓
750		5.4	55.7	✓
240				✓
760		5.6	55.5	✓
240				✓
770		5.5	55.6	✓
240				✓
780		5.5	55.6	✓
240				✓
780		5.7	55.4	✓
230				✓
770		5.3	55.8	✓
230				✓
760		5.6	55.5	✓
230				✓
760		5.6	55.5	✓
220				✓
770		5.5	55.6	✓
220				✓
780		5.5	55.6	✓
220				✓
790		5.9	55.2	✓
210				✓
780		5.5	55.6	✓
210				✓
770		5.8	55.3	✓
210				✓
760		5.7	55.4	✓
210				✓
760		6.0	55.1	✓
200				✓
770		5.7	55.4	✓
200				✓

3780	5.5	55.6	✓	✓
5200				
780	5.6	55.5	✓	✓
190				
770	5.6	55.5	✓	✓
190				
760	5.8	55.3	✓	✓
190				
760	5.8	55.3	✓	✓
180				
770	5.9	55.2	✓	✓
180				
780	5.5	55.6	✓	✓
180				
780	5.5	55.6	✓	✓
170				
770	5.8	55.3	✓	✓
170				
760	5.7	55.4	✓	✓
170				
750	5.7	55.4	✓	✓
170				
750	5.9	55.2	✓	✓
160				
760	5.9	55.2	✓	✓
160				
770	5.8	55.3	✓	✓
160				
780	5.2	55.9	✓	✓
160				
780	5.3	55.8	✓	✓
150				
770	5.8	55.3	✓	✓
150				
760	6.0	55.1	✓	✓
150				
750	6.0	55.1	✓	✓
150				
740	5.8	55.3	✓	✓
150				
740	6.1	55.0	✓	✓
140				
750	5.8	55.3	✓	✓
140				
760	5.9	55.2	✓	✓
140				
770	5.8	55.3	✓	✓
140				
780	5.7	55.4	✓	GLB.
140				

3790				
5130	561.11	4.8	54.3	✓ ✓
780		5.2	55.9	✓ ✓
130				
770		5.8	55.3	✓ ✓
130				
760		5.9	55.2	✓ ✓
130				
750		6.0	55.1	✓ ✓
130				
740		5.9	55.2	✓ ✓
130				
730		6.1	55.0	✓ ✓
130				
720		5.8	55.3	✓ ✓
120				
730		6.1	55.0	✓ ✓
120				
740		5.9	55.2	✓ ✓
120				
750		6.0	55.1	✓ ✓
120				
760		5.9	55.2	✓ ✓
120				
770		5.9	55.2	✓ ✓
120				
780		5.4	55.7	✓ ✓
120				
790		5.7	55.4	✓ ✓
120				
770		5.9	55.2	✓ ✓
110				
760		5.9	55.2	✓ ✓
110				
750		6.0	55.1	✓ ✓
110				
740		5.9	55.2	✓ ✓
110				
730		6.4	54.7	✓ ✓
110				
720		5.8	55.3	✓ ✓
110				
710		5.9	55.2	✓ ✓
100				
720		5.6	55.5	✓ ✓
100				
730		6.5	54.6	✓ ✓
100				
740		6.1	55.0	✓ ✓
100				

G.L.B.

561.11					
3750		6.0	55.1	✓	✓
5100					
760		5.9	55.2	✓	✓
100					
760		6.0	55.1	✓	✓
090					
750		6.2	54.9	✓	✓
090					
740		6.2	54.9	✓	✓
090					
730		6.3	54.8	✓	✓
090					
720		6.1	55.0	✓	✓
090					
710		5.9	55.2	✓	✓
090					
720		6.4	54.7	✓	✓
080					
730		6.5	54.6	✓	✓
080					
740		6.2	54.9	✓	✓
080					
750		6.2	54.9	✓	✓
080					
750		6.0	55.1	✓	✓
070					
740		6.3	54.8	✓	✓
070					
730		6.4	54.7	✓	✓
070					
720		6.2	54.9	✓	✓
070					
720		6.6	54.5	✓	✓
060					
730		6.2	54.9	✓	✓
060					
740		6.3	54.8	✓	✓
060					
740		6.3	54.8	✓	✓
050					
730		6.4	54.7	✓	✓
050					
720		6.3	54.8	✓	✓
050					
710		6.5	54.6	✓	✓
040					
720		6.6	54.5	✓	✓
040					
730		6.4	54.7	✓	GLBV
040					

3740	561.11	6.6	54.5	✓	✓	
5040						
730		6.7	54.4	✓	✓	
030						
720		6.5	54.6	✓	✓	
030						
710		6.5	54.6	✓	✓	
030						
700		6.6	54.5	✓	✓	
020						
710		6.6	54.5	✓	✓	
020						
720		6.7	54.4	✓	✓	
020						
730		6.3	54.8	✓	✓	
020						
720		6.9	54.2	✓	✓	
010						
710		6.6	54.5	✓	✓	
010						
700		6.6	54.5	✓	✓	
010						
700		6.6	54.5	✓	✓	
000						
710		6.6	54.5	✓	✓	
000						
720		6.8	54.3	✓	✓	
000						
3710		6.9	54.2	✓	✓	
4990						
700		7.0	54.1	✓	✓	
990						
690		6.7	54.4	✓	✓	
990						
B.M. & T.P. 1.29	561.58	0.82	560.29	check		N3600 on Hub E5000 El. 560.29
680		7.5	54.1	✓	✓	
980						
690		7.1	54.5	✓	✓	
980						
700		7.3	54.3	✓	✓	
980						
700		7.5	54.1	✓	✓	
970						
690		7.7	53.9	✓	✓	
970						
680		7.2	54.4	✓	✓	
970						
670		7.3	54.3	✓	✓	
970						

9720

3660	561.58	7.0	554.6 ^v	✓	✓
4970					
650		6.6	55.0 ^v	✓	✓
970					
640		6.4	55.2 ^v	✓	✓
970					
640		6.9	54.7 ^v	✓	✓
960					
650		7.3	54.3 ^v	✓	✓
960					
660		7.1	54.2 ^v	✓	✓
960					
670		7.5	54.1 ^v	✓	✓
960					
680		7.3	54.3 ^v	✓	✓
960					
690		7.0	54.6 ^v	✓	✓
960					
700		7.5	54.1 ^v	✓	✓
960					
690		7.2	54.4 ^v	✓	✓
950					
680		7.2	54.4 ^v	✓	✓
950					
670	561.6	7.3	54.3 ^v	✓	✓
950					
660		7.4	54.2 ^v	✓	✓
950					
650		7.4	54.2 ^v	✓	✓
950					
640		7.3	54.3 ^v	✓	✓
950					
630		7.2	54.4 ^v	✓	✓
940					
640		7.5	54.1 ^v	✓	✓
940					
650		7.4	54.2 ^v	✓	✓
940					
660		7.6	54.0 ^v	✓	✓
940					
670		7.3	54.3 ^v	✓	✓
940					
680		7.1	54.5 ^v	✓	✓
940					
690		7.3	54.3 ^v	✓	✓
940					
680		7.3	54.3 ^v	✓	✓
930					
670		7.3	54.3 ^v	✓	✓
930					

(2130)

3660

7930

650

730

640

730

630

730

620

730

620

720

630

720

640

720

650

720

660

720

670

720

680

720

660

710

650

710

640

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630

710

620

710

610

710

600

700

610

700

620

700

630

700

640

700

630

890

620

890

561.58

7.6 554.0 ✓ ✓

7.5 54.1 ✓ ✓

7.4 54.2 ✓ ✓

7.5 54.1 ✓ ✓

7.2 54.4 ✓ ✓

7.7 53.9 ✓ ✓

7.8 53.8 ✓ ✓

7.7 53.9 ✓ ✓

7.6 54.0 ✓ ✓

7.4 54.2 ✓ ✓

7.4 54.2 ✓ ✓

7.7 53.9 ✓ ✓

7.9 53.7 ✓ ✓

8.2 53.4 ✓ ✓

7.6 54.0 ✓ ✓

7.6 54.0 ✓ ✓

7.6 54.0 ✓ ✓

7.5 54.1 ✓ ✓

7.5 54.1 ✓ ✓

8.0 53.6 ✓ ✓

7.8 53.8 ✓ ✓

7.7 53.9 ✓ ✓

8.0 53.6 ✓ ✓

8.0 53.6 ✓ ✓

8.0 53.6 ✓ ✓

7700

3610				
4890	561.58	7.6	554.0	✓ ✓
600				
890		7.5	54.1	✓ ✓
600				
880		8.0	53.6	✓ ✓
610				
880		8.0	53.6	✓ ✓
620				
880		8.1	53.5	✓ ✓
620				
870		8.3	53.3	✓ ✓
610				
870		8.1	53.5	✓ ✓
600				
870		7.9	53.7	✓ ✓
590				
870		7.6	54.0	✓ ✓
590				
860		8.0	53.6	✓ ✓
600				
860		7.9	53.7	✓ ✓
610				
860		8.4	53.2	✓ ✓
580				
850		7.7	53.9	✓ ✓
590				
850		8.3	53.3	✓ ✓
600				
850		8.0	53.6	✓ ✓
610				
850		8.3	53.3	✓ ✓
600				
840		8.0	53.6	✓ ✓
590				
840		8.4	53.2	✓ ✓
580				
840		8.2	53.4	✓ ✓
580				
830		8.3	53.3	✓ ✓
590				
830		8.2	53.4	✓ ✓
600				
830		8.1	53.5	✓ ✓
590				
820		8.2	53.4	✓ ✓
580				
820		8.4	53.2	✓ ✓
570				
820		8.1	53.5	✓ ✓

(712)

	6				
	561.58				
3560		7.5	554.1	✓	✓
4810					
570		8.6	53.0	✓	✓
810					
580		8.4	53.2	✓	✓
810					
590		7.9	53.7	✓	✓
810					
590		8.1	53.5	✓	✓
800					
580		8.3	53.3	✓	✓
800					
570		8.4	53.2	✓	✓
800					
560		7.7	53.9	✓	✓
800					
560		8.4	53.2	✓	✓
790					
570		8.3	53.3	✓	✓
790					
580		8.4	53.2	✓	✓
790					
590		8.2	53.4	✓	✓
790					
600	561.6	8.2	53.4	✓	✓
790					
600		8.2	53.4	✓	✓
780					
590		8.2	53.4	✓	✓
780					
580		8.3	53.3	✓	✓
780					
570		8.3	53.3	✓	✓
780					
560		8.2	53.4	✓	✓
780					
550		7.8	53.8	✓	✓
770					
560		8.3	53.3	✓	✓
770					
570		8.4	53.2	✓	✓
770					
580		8.2	53.4	✓	✓
770					
590		8.3	53.3	✓	✓
770					
590		8.4	53.2	✓	✓
760					
580		8.3	53.3	✓	✓
760					

7730

3570						
4760		561.58	8.4	553.2	✓	✓
560			8.3	53.3	✓	✓
760			8.6	53.0	✓	✓
550			7.8	53.8	✓	✓
760			8.5	53.1	✓	✓
540			8.4	53.2	✓	✓
750			8.5	53.1	✓	✓
550			8.2	53.4	✓	✓
750			8.3	53.3	✓	✓
560			8.2	53.4	✓	✓
570			8.2	53.4	✓	✓
750			8.5	53.1	✓	✓
580			8.3	53.3	✓	✓
740			8.6	53.0	✓	✓
590			8.4	53.2	✓	✓
740			8.4	53.2	✓	✓
580			8.4	53.2	✓	✓
740			8.5	53.1	✓	✓
560			8.3	53.3	✓	✓
740			8.6	53.0	✓	✓
550			8.4	53.2	✓	✓
740			8.4	53.2	✓	✓
T.P	3.78	558.59	6.77	554.81	✓	✓
540			5.5	53.1	✓	✓
730			5.5	53.1	✓	✓
550			5.4	53.2	✓	✓
730			5.4	53.2	✓	✓
560			5.4	53.2	✓	✓
730			5.3	53.3	✓	✓
570			5.2	53.4	✓	✓
730			5.2	53.4	✓	✓
580			5.2	53.4	✓	✓
730			5.4	53.2	✓	✓
590			5.4	53.2	✓	✓
720			5.4	53.2	✓	✓

(18)

3580					
4720	558.59	5.3	553.3	✓	✓
570					
720		5.4	53.2	✓	✓
560					
720		5.5	53.1	✓	✓
550					
720		5.6	53.0	✓	✓
540					
720		5.5	53.1	✓	✓
530					
710		4.7	53.9	✓	✓
540					
710		6.0	52.6	✓	✓
550					
710		5.6	53.0	✓	✓
560					
710		5.7	52.9	✓	✓
570					
710		5.4	53.2	✓	✓
580					
710		5.4	53.2	✓	✓
590	558.6	5.4	53.2	✓	✓
710					
600		5.3	53.3	✓	✓
710					
600					
700		5.4	53.2	✓	✓
590					
700		5.4	53.2	✓	✓
580					
700		5.5	53.1	✓	✓
570					
700		5.5	53.1	✓	✓
560					
700		5.6	53.0	✓	✓
550					
700		5.6	53.0	✓	✓
540					
700		5.7	52.9	✓	✓
530					
700		5.5	53.1	✓	✓
530					
690		5.7	52.9	✓	✓
540					
690		5.7	52.9	✓	✓
550					
690		5.8	52.8	✓	✓
560					
690		5.6	53.0	✓	✓

(700)

3570					
4690		5.7	552.9 ^v	✓	✓
580		5.5	53.1 ^v	✓	✓
690					
590		5.5	53.1 ^v	✓	✓
690					
590		5.5	53.1 ^v	✓	✓
680					
580		5.6	53.0 ^v	✓	✓
680					
570		5.7	52.9 ^v	✓	✓
680					
560		5.6	53.0 ^v	✓	✓
680					
550		5.8	52.8 ^v	✓	✓
680					
540		5.8	52.8 ^v	✓	✓
680					
530		5.7	52.9 ^v	✓	✓
680					
530		5.7	52.9 ^v	✓	✓
670					
540		5.8	52.8 ^v	✓	✓
670					
550	558.6	5.8	52.8 ^v	✓	✓
670					
560		5.7	52.9 ^v	✓	✓
670					
570		5.6	53.0 ^v	✓	✓
670					
580		5.6	53.0 ^v	✓	✓
670					
590		5.6	53.0 ^v	✓	✓
670					
590		5.7	52.9 ^v	✓	✓
660					
580		5.7	52.9 ^v	✓	✓
660					
570		5.6	53.0 ^v	✓	✓
660					
560		5.9	52.7 ^v	✓	✓
660					
550		5.8	52.8 ^v	✓	✓
660					
540		5.7	52.9 ^v	✓	✓
660					
540		6.1	52.5 ^v	✓	✓
650					
550		5.8	52.8 ^v	✓	✓
650					

(912)

3560
4650

558.59

5.8

552.8

✓ ✓

570
650

5.8

52.8

✓ ✓

580
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5.7

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✓ ✓

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540
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550
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560
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540
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540
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(778)

3550
4610558.59⁶560
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552.7

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52.8

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52.1

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52.8

52.7

52.6

52.4

52.3

52.4

(70)

✓ ✓

✓ ✓

✓ ✓

✓ ✓

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✓ ✓

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✓ ✓

3550		6.1	552.5 ^v	✓	✓
4580	558.59				
540		5.9	52.7 ^v	✓	✓
580		5.9	52.7 ^v	✓	✓
540					
570		6.1	52.5 ^v	✓	✓
550		6.5	52.1 ^v	✓	✓
570					
560		6.1	52.5 ^v	✓	✓
570		6.3	52.3 ^v	✓	✓
580					
570		6.0	52.6 ^v	✓	✓
590		5.9	52.7 ^v	✓	✓
570					
600		6.0	52.6 ^v	✓	✓
570		6.2	52.4 ^v	✓	✓
600					
560		6.3	52.3 ^v	✓	✓
590					
560	558.6	6.2	52.4 ^v	✓	✓
580					
560		6.4	52.2 ^v	✓	✓
560					
550		6.1	52.5 ^v	✓	✓
560					
540		6.0	52.6 ^v	✓	✓
560					
540		6.1	52.5 ^v	✓	✓
550					
550		6.2	52.4 ^v	✓	✓
560					
550		6.4	52.2 ^v	✓	✓
570					
550		6.3	52.3 ^v	✓	✓
580					
550		6.3	52.3 ^v	✓	✓
590					
550		6.4	52.2 ^v	✓	✓
600					
550		6.1	52.5 ^v	✓	✓
600					
540		6.1	52.5 ^v	✓	✓
590					
540		6.3	52.3 ^v	✓	✓

(112)

558.59

3580		6.2	552.4	✓	✓
4540					
570		6.4	52.2	✓	✓
540					
560		6.3	52.3	✓	✓
540					
550		6.2	52.4	✓	✓
540					
540		6.1	52.5	✓	✓
540					
540		6.1	52.5	✓	✓
530					
550		6.3	52.3	✓	✓
530					
560		6.5	52.1	✓	✓
530					
570		6.4	52.2	✓	✓
530					
580		6.3	52.3	✓	✓
530					
590		6.2	52.4	✓	✓
530					
600		6.2	52.4	✓	✓
530					
600	558.6	6.2	52.4	✓	✓
520					
590		6.2	52.4	✓	✓
520					
580		6.3	52.3	✓	✓
520					
510		6.6	52.0	✓	✓
520					
560		6.4	52.2	✓	✓
520					
550		6.3	52.3	✓	✓
520					
540		6.2	52.4	✓	✓
520					
540		6.4	52.2	✓	✓
510					
550		6.4	52.2	✓	✓
510					
560		6.3	52.3	✓	✓
510					
570		6.4	52.2	✓	✓
510					
580		6.3	52.3	✓	✓
510					
590		6.2	52.4	✓	✓
510					

7122

3600	558.59	6.2	552.4	✓	✓
4510					
610		6.2	52.4	✓	✓
510					
610		6.3	52.3	✓	✓
500					
600		6.3	52.3	✓	✓
500					
590		6.5	52.1	✓	✓
500					
580		6.4	52.2	✓	✓
500					
570		6.4	52.2	✓	✓
500					
560		6.5	52.1	✓	✓
500					
550		6.5	52.1	✓	✓
500					
540		6.6	52.0	✓	✓
500					
540		6.3	52.3	✓	✓
490					
550	558.6	6.5	52.1	✓	✓
490					
560		6.6	52.0	✓	✓
490					
570		6.4	52.2	✓	✓
490					
580		6.5	52.1	✓	✓
490					
590		6.4	52.2	✓	✓
490					
600		6.3	52.3	✓	✓
490					
610		6.3	52.3	✓	✓
490					
610		6.5	52.1	✓	✓
480					
600		6.4	52.2	✓	✓
480					
590		6.5	52.1	✓	✓
480					
580		6.6	52.0	✓	✓
480					
570		6.5	52.1	✓	✓
480					
560		6.5	52.1	✓	✓
480					
550		6.5	52.1	✓	✓
480					

(772)

3540
4480.6
558.59

6.2	552.4	✓	✓
6.3	52.3	✓	✓
6.8	51.8	✓	✓
6.5	52.1	✓	✓
6.5	52.1	✓	✓
6.4	52.2	✓	✓
6.4	52.2	✓	✓
6.4	52.2	✓	✓
6.5	52.1	✓	✓
6.4	52.2	✓	✓
6.5	52.1	✓	✓
6.4	52.2	✓	✓
6.5	52.1	✓	✓
6.6	52.0	✓	✓
6.8	51.8	✓	✓
6.5	52.1	✓	✓
6.8	51.8	✓	✓
6.8	51.8	✓	✓
6.7	51.9	✓	✓
6.6	52.0	✓	✓
6.5	52.1	✓	✓
6.4	52.2	✓	✓
6.5	52.1	✓	✓
6.5	52.1	✓	✓
6.7	51.9	✓	✓
6.5	52.1	✓	✓

558.6

540
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440

msd

558.59

3590		6.5	552.1 ^v	✓	✓
7440					
580		6.8	51.8 ^v	✓	✓
440					
570		6.7	51.9 ^v	✓	✓
440					
560		6.9	51.7 ^v	✓	✓
440					
550		6.6	52.0 ^v	✓	✓
440					
550		6.8	51.8 ^v	✓	✓
430					
560		6.8	51.8 ^v	✓	✓
430					
570		6.6	52.0 ^v	✓	✓
430					
580		6.7	51.9 ^v	✓	✓
430					
590		6.6	52.0 ^v	✓	✓
430					
600		6.5	52.1 ^v	✓	✓
430					
610		6.6	52.0 ^v	✓	✓
430					
610	558.6	6.7	51.9 ^v	✓	✓
420					
600		6.6	52.0 ^v	✓	✓
420					
590		6.8	51.8 ^v	✓	✓
420					
580		6.7	51.9 ^v	✓	✓
420					
570		6.8	51.8 ^v	✓	✓
420					
560		6.9	51.7 ^v	✓	✓
420					
550		6.8	51.8 ^v	✓	✓
420					
550		6.9	51.7 ^v	✓	✓
410					
560		6.9	51.7 ^v	✓	✓
410					
570		6.6	52.0 ^v	✓	✓
410					
580		6.7	51.9 ^v	✓	✓
410					
590		6.8	51.8 ^v	✓	✓
410					
600		6.5	52.1 ^v	✓	✓
410					

(7732)

3610	558.59	6.7	551.9 ^v	✓	✓
4910		6.8	51.8 ^v	✓	✓
610		6.7	51.9 ^v	✓	✓
400		6.8	51.8 ^v	✓	✓
600		6.7	51.9 ^v	✓	✓
420		6.8	51.8 ^v	✓	✓
590		6.7	51.9 ^v	✓	✓
400		6.8	51.8 ^v	✓	✓
580		6.9	51.7 ^v	✓	✓
420		6.9	51.7 ^v	✓	✓
570		6.8	51.8 ^v	✓	✓
400		6.8	51.8 ^v	✓	✓
560		6.8	51.8 ^v	✓	✓
400		7.1	51.5 ^v	✓	✓
550	558.6	6.8	51.8 ^v	✓	✓
390		6.8	51.8 ^v	✓	✓
560		6.7	51.9 ^v	✓	✓
390		6.7	51.9 ^v	✓	✓
570		6.6	52.0 ^v	✓	✓
390		6.7	51.9 ^v	✓	✓
580		6.8	51.8 ^v	✓	✓
390		6.7	51.9 ^v	✓	✓
590		6.8	51.8 ^v	✓	✓
390		6.8	51.8 ^v	✓	✓
600		6.9	51.7 ^v	✓	✓
390		7.0	51.6 ^v	✓	✓
610		7.0	51.6 ^v	✓	✓
390		6.9	51.7 ^v	✓	✓
610					
380					
600					
380					
590					
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580					
380					
570					
380					
560					
380					
550					
380					
540					
380					

(710)

3540			7.1	551.5 ^v	✓	✓
4370						
550			7.0	51.6 ^v	✓	✓
370						
560			7.0	51.6 ^v	✓	✓
370						
570			7.2	51.4 ^v	✓	✓
370						
580			7.0	51.6 ^v	✓	✓
370						
590			6.8	51.8 ^v	✓	✓
370						
600			6.8	51.8 ^v	✓	✓
370						
610			6.8	51.8 ^v	✓	✓
370						
610			6.8	51.8 ^v	✓	✓
360						
600			6.8	51.8 ^v	✓	✓
360						
590			7.0	51.6 ^v	✓	✓
360						
580			7.0	51.6 ^v	✓	✓
360						
570			7.1	51.5 ^v	✓	✓
360						
560			7.0	51.6 ^v	✓	✓
360						
550			7.1	51.5 ^v	✓	✓
360						
540			6.8	51.8 ^v	✓	✓
360						
		7.1 ^v				
T.P.	2.58	556.69	4.48	554.11		
540			5.2	51.5 ^v	✓	✓
350						
550			5.3	51.4 ^v	✓	✓
350						
560			5.2	51.5 ^v	✓	✓
350						
570			5.2	51.5 ^v	✓	✓
350						
580			4.9	51.8 ^v	✓	✓
350						
590			5.2	51.5 ^v	✓	✓
350						
600			4.9	51.8 ^v	✓	✓
350						
610			4.9	51.8 ^v	✓	✓
350						

(778)

3620
4350630
340620
340610
340600
340590
340580
340570
340560
340550
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330560
330570
330580
330590
330600
330610
336620
330630
330630
320620
320610
320600
3207
556.69

5.1

551.6

✓ ✓

4.8

51.9

✓ ✓

5.1

51.6

✓ ✓

5.0

51.7

✓ ✓

5.0

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556.7

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52.3

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4.6

52.1

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51.7

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5.1

51.6

✓ ✓

5.1

51.6

✓ ✓

(7700)

	7				
3590	556.69				
4320		5.0	551.7	✓	✓
590					
320		5.2	51.5	✓	✓
570					
320		5.2	51.5	✓	✓
560					
320		5.4	51.3	✓	✓
550					
320		5.2	51.5	✓	✓
540					
320		5.4	51.3	✓	✓
540					
310		5.3	51.4	✓	✓
550					
310		5.3	51.4	✓	✓
560					
310		5.5	51.2	✓	✓
570					
310		5.2	51.5	✓	✓
580					
310		5.2	51.5	✓	✓
590					
310		5.2	51.5	✓	✓
600	556.7				
310		5.2	51.5	✓	✓
610					
310		5.2	51.5	✓	✓
620					
310		5.0	51.7	✓	✓
630					
310		4.2	52.5	✓	✓
630					
300		3.4	53.3	✓	✓
620					
300		5.3	51.4	✓	✓
610					
300		5.2	51.5	✓	✓
600					
300		5.4	51.3	✓	✓
590					
300		5.2	51.5	✓	✓
580					
300		5.3	51.4	✓	✓
570					
300		5.2	51.5	✓	✓
560					
300		5.4	51.3	✓	✓
550					
300		5.5	51.2	✓	✓

(7/22)

3540	556.69	5.2	551.5 ^v	✓	✓
4300					
540		5.4	51.3 ^v	✓	✓
290					
550		5.5	51.2 ^v	✓	✓
290					
560		5.4	51.3 ^v	✓	✓
290					
570		5.3	51.4 ^v	✓	✓
290					
580		5.4	51.3 ^v	✓	✓
290					
590		5.2	51.5 ^v	✓	✓
290					
600		5.5	51.2 ^v	✓	✓
290					
610		5.2	51.5 ^v	✓	✓
290					
620		5.3	51.4 ^v	✓	✓
290					
630		3.1	53.6 ^v	✓	✓
290					
630		1.7	55.0 ^v	✓	✓
280					
620	556.7	4.9	51.8 ^v	✓	✓
280					
610		5.3	51.4 ^v	✓	✓
280					
600		5.7	51.0 ^v	✓	✓
280					
590		5.3	51.4 ^v	✓	✓
280					
580		5.3	51.4 ^v	✓	✓
280					
570		5.4	51.3 ^v	✓	✓
280					
560		5.4	51.3 ^v	✓	✓
280					
550		5.6	51.1 ^v	✓	✓
280					
540		5.4	51.3 ^v	✓	✓
280					
530		5.7	51.0 ^v	✓	✓
270					
540		5.6	51.1 ^v	✓	✓
270					
550		5.5	51.2 ^v	✓	✓
270					
560		5.5	51.2 ^v	✓	✓
270					
			(7120)		

	7			
	556.69			
3570		5.6	551.1 ^v	✓ ✓
4270				
580		5.3	51.4 ^v	✓ ✓
270				
590		5.4	51.3 ^v	✓ ✓
270				
600		5.6	51.1 ^v	✓ ✓
270				
610		5.5	51.2 ^v	✓ ✓
270				
620		4.3	52.4 ^v	✓ ✓
270				
620		4.0	52.7 ^v	✓ ✓
260				
610		5.6	51.1 ^v	✓ ✓
260				
600		5.6	51.1 ^v	✓ ✓
260				
590		5.4	51.3 ^v	✓ ✓
260				
580		5.4	51.3 ^v	✓ ✓
260				
570		5.6	51.1 ^v	✓ ✓
260				
560	556.7	5.5	51.2 ^v	✓ ✓
260				
550		5.4	51.3 ^v	✓ ✓
260				
540		5.5	51.2 ^v	✓ ✓
260				
530		5.7	51.0 ^v	✓ ✓
260				
530		5.8	50.9 ^v	✓ ✓
250				
540		5.6	51.1 ^v	✓ ✓
250				
550		5.5	51.2 ^v	✓ ✓
250				
560		5.5	51.2 ^v	✓ ✓
250				
570		5.6	51.1 ^v	✓ ✓
250				
580		5.4	51.3 ^v	✓ ✓
250				
590		5.5	51.2 ^v	✓ ✓
250				
600		5.6	51.1 ^v	✓ ✓
250				
610		5.3	51.4 ^v	✓ ✓
250				

(173)

	?				
	556.69				
3620					
4250		3.9	552.8 ^v	✓	✓
610					
240		4.7	52.0 ^v	✓	✓
600					
240		5.6	51.1 ^v	✓	✓
590					
240		5.5	51.2 ^v	✓	✓
580					
240		5.6	51.1 ^v	✓	✓
570					
240		5.5	51.2 ^v	✓	✓
560					
240		5.7	51.0 ^v	✓	✓
550					
240		5.5	51.2 ^v	✓	✓
540					
240		5.6	51.1 ^v	✓	✓
530					
240		5.7	51.0 ^v	✓	✓
530					
230		5.9	50.8 ^v	✓	✓
540					
230	556.7	5.7	51.0 ^v	✓	✓
550					
230		5.5	51.2 ^v	✓	✓
560					
230		5.7	51.0 ^v	✓	✓
570					
230		5.7	51.0 ^v	✓	✓
580					
230		5.7	51.0 ^v	✓	✓
590					
230		5.7	51.0 ^v	✓	✓
600					
230		5.6	51.1 ^v	✓	✓
610					
230		4.3	52.4 ^v	✓	✓
610					
220		4.5	52.2 ^v	✓	✓
600					
220		5.4	51.3 ^v	✓	✓
590					
220		5.7	51.0 ^v	✓	✓
580					
220		5.6	51.1 ^v	✓	✓
570					
220		5.7	51.0 ^v	✓	✓
560					
220		5.7	51.0 ^v	✓	✓
			(7122)		

	7			
	556.69			
3550				
4220		5.7	551.0 ^v	✓ ✓
540				
220		5.6	51.1 ^v	✓ ✓
530				
220		5.8	50.9 ^v	✓ ✓
520				
220		5.7	51.0 ^v	✓ ✓
520				
210		5.8	50.9 ^v	✓ ✓
530				
210		5.8	50.9 ^v	✓ ✓
540				
210		5.7	51.0 ^v	✓ ✓
550				
210		5.7	51.0 ^v	✓ ✓
560				
210		5.8	50.9 ^v	✓ ✓
570				
210		5.8	50.9 ^v	✓ ✓
580				
210		5.9	50.8 ^v	✓ ✓
590	556.7			
210		5.9	50.8 ^v	✓ ✓
600				
210		4.9	51.8 ^v	✓ ✓
600				
200		4.8	51.9 ^v	✓ ✓
590				
200		5.5	51.2 ^v	✓ ✓
580				
200		6.1	50.6 ^v	✓ ✓
570				
200		5.7	51.0 ^v	✓ ✓
560				
200		5.8	50.9 ^v	✓ ✓
550				
200		5.7	51.0 ^v	✓ ✓
540				
200		5.7	51.0 ^v	✓ ✓
530				
200		6.0	50.7 ^v	✓ ✓
520				
200		5.8	50.9 ^v	✓ ✓
520				
190		5.8	50.9 ^v	✓ ✓
530				
190		5.9	50.8 ^v	✓ ✓
540				
190		5.8	50.9 ^v	✓ ✓

(2100)

	7				
	556.69				
3550		5.7	551.0 ⁷	✓	✓
4190					
560		5.8	50.9 [✓]	✓	✓
190					
570		5.7	51.0 [✓]	✓	✓
190					
580		6.2	50.5 [✓]	✓	✓
190					
590		5.3	51.4 [✓]	✓	✓
190					
600		5.2	51.5 [✓]	✓	✓
190					
590		5.2	51.5 [✓]	✓	✓
180					
580		6.1	50.6 [✓]	✓	✓
180					
570		6.1	50.6 [✓]	✓	✓
180					
560		5.8	50.9 [✓]	✓	✓
180					
550		5.8	50.9 [✓]	✓	✓
180					
540	556.7	5.7	51.0 [✓]	✓	✓
180					
530		5.9	50.8 [✓]	✓	✓
180					
520		6.0	50.7 [✓]	✓	✓
180					
520		6.0	50.7 [✓]	✓	✓
170					
530		5.8	50.9 [✓]	✓	✓
170					
540		5.8	50.9 [✓]	✓	✓
170					
550		5.8	50.9 [✓]	✓	✓
170					
560		5.9	50.8 [✓]	✓	✓
170					
570		6.0	50.7 [✓]	✓	✓
170					
580		5.9	50.8 [✓]	✓	✓
170					
590		5.1	51.6 [✓]	✓	✓
170					
590		5.3	51.4 [✓]	✓	✓
160					
580		6.2	50.5 [✓]	✓	✓
160					
570		6.3	50.4 [✓]	✓	✓
160					

(1120)

7.

556.69

3560					
4160		6.2	550.5	✓	✓
550		5.9	50.8	✓	✓
160					
540		5.8	50.9	✓	✓
160					
530		5.9	50.8	✓	✓
160					
520		6.1	50.6	✓	✓
160					
510		6.0	50.7	✓	✓
160					
510		6.3	50.4	✓	✓
150					
520		6.2	50.5	✓	✓
150					
530		6.1	50.6	✓	✓
150					
540		5.9	50.8	✓	✓
150					
550		5.9	50.8	✓	✓
150					
560		6.3	50.4	✓	✓
150					
570	556.7	6.1	50.6	✓	✓
150					
580		5.8	50.9	✓	✓
150					
580		5.4	51.3	✓	✓
140					
570		6.1	50.6	✓	✓
140					
560		6.3	50.4	✓	✓
140					
550		6.2	50.5	✓	✓
140					
540		6.1	50.6	✓	✓
140					
530		6.1	50.6	✓	✓
140					
520		6.2	50.5	✓	✓
140					
510		6.1	50.6	✓	✓
140					
510		6.3	50.4	✓	✓
130					
520		6.3	50.4	✓	✓
130					
530		6.1	50.6	✓	✓
130					

2100

	7				
	556.69				
3540		6.2	550.5	✓	✓
4130					
550		6.1	50.6	✓	✓
130					
560		6.2	50.5	✓	✓
130					
570		6.2	50.5	✓	✓
130					
580		5.4	51.3	✓	✓
130					
580		5.4	51.3	✓	✓
120					
570		6.5	50.2	✓	✓
120					
560		6.1	50.6	✓	✓
120					
550		6.2	50.5	✓	✓
120					
540		6.2	50.5	✓	✓
120					
530		6.3	50.4	✓	✓
120					
520		6.2	50.5	✓	✓
120					
510	556.7	6.4	50.3	✓	✓
120					
510		6.4	50.3	✓	✓
110					
520		6.3	50.4	✓	✓
110					
530		6.1	50.6	✓	✓
110					
540		6.1	50.6	✓	✓
110					
550		6.2	50.5	✓	✓
110					
560		6.3	50.4	✓	✓
110					
570		6.3	50.4	✓	✓
110					
580		5.4	51.3	✓	✓
100					
570		6.5	50.2	✓	✓
100					
560		6.4	50.3	✓	✓
100					
550		6.2	50.5	✓	✓
100					
540		6.2	50.5	✓	✓
100					

(7120)

	?				
	556.69				
3530					
4100		6.2	550.5 ^v	✓	✓
520					
100		6.3	50.4 ^v	✓	✓
510					
100		6.3	50.4 ^v	✓	✓
510					
090		6.4	50.3 ^v	✓	✓
520					
090		6.6	50.1 ^v	✓	✓
530					
090		6.2	50.5 ^v	✓	✓
540					
090		6.2	50.5 ^v	✓	✓
550					
090		6.2	50.5 ^v	✓	✓
560					
090		6.4	50.3 ^v	✓	✓
570					
090		5.8	50.9 ^v	✓	✓
570					
080		5.2	51.5 ^v	✓	✓
560					
080		6.6	50.1 ^v	✓	✓
550					
080	556.7	6.3	50.4 ^v	✓	✓
540					
080		6.3	50.4 ^v	✓	✓
530					
080		6.3	50.4 ^v	✓	✓
520					
080		6.4	50.3 ^v	✓	✓
510					
080		6.4	50.3 ^v	✓	✓
500					
080		6.3	50.4 ^v	✓	✓
500					
070		6.5	50.2 ^v	✓	✓
510					
070		6.5	50.2 ^v	✓	✓
520					
070		6.5	50.2 ^v	✓	✓
530					
070		6.3	50.4 ^v	✓	✓
540					
070		6.3	50.4 ^v	✓	✓
550					
070		6.5	50.2 ^v	✓	✓
560					
070		6.0	50.7 ^v	✓	✓

(100)

3560						
4060		556.69	6.0	550.7	✓	✓
550			6.8	499	✓	✓
060			6.4	50.3	✓	✓
540			6.3	50.4	✓	✓
060			6.6	50.1	✓	✓
520			6.5	50.2	✓	✓
060			6.5	50.2	✓	✓
510						
060						
500						
060						
T.P.	12.64	566.75	2.58	554.11		
T.P.	8.26	571.53	3.48	563.27		
			3.85	567.68	= check	on B.M. Nail in stump Ek567.68
				(7120)		

April 2, 1932
 Simpson - Notes
 Loudon - Red
 Bailey - Level

	811.94	(see Book #342)		
4480 7940	0.4	811.5	✓	✓
400 950	7.2	04.7	✓	✓
390 950	6.5	05.4	✓	✓
380 950	7.8	04.1	✓	✓
370 950	10.9	01.0	✓	✓
360 950	13.3	798.6	✓	✓
350 950	14.7	97.2	✓	✓
340 950	14.0	97.9	✓	✓
330 950	14.4	97.5	✓	✓
320 950	13.5	98.4	✓	✓
310 950	11.3	800.6	✓	✓
300 950	10.7	01.2	✓	✓
290 950	9.8	02.1	✓	✓
280 950	8.6	03.9	✓	✓
270 950	7.5	04.4	✓	✓
260 950	7.3	04.6	✓	✓
250 950	8.0	03.9	✓	✓
240 950	9.7	02.2	✓	✓
230 950	10.6	01.3	✓	✓
220 950	11.9	00.0	✓	✓
210 950	13.1	798.8	✓	✓
200 950	14.1	97.8	✓	✓
200 960	15.7	96.2	✓	✓
210 960	14.5	97.4	✓	✓
220 960	12.8	99.1	✓	✓

(2132)

81194

4230				
4960	10.9	801.0	✓	✓
240				
960	9.7	02.2	✓	✓
250				
960	8.0	03.9	✓	✓
260				
960	6.9	05.0	✓	✓
270				
960	6.9	05.0	✓	✓
280				
960	7.2	04.7	✓	✓
290				
960	7.9	04.0	✓	✓
300				
960	8.4	03.5	✓	✓
310				
960	8.6	03.3 02.3	✓	✓
320				
960	9.9	02.0	✓	✓
330				
960	11.1	00.8	✓	✓
340				
960	11.6	00.3	✓	✓
350				
960	11.8	00.1	✓	✓
360				
960	9.1	02.8	✓	✓
370				
960	7.4	04.5	✓	✓
380				
960	5.1	06.8	✓	✓
390				
960	2.7	09.2	✓	✓
380				
970	5.6	06.3	✓	✓
370				
970	3.0	08.9	✓	✓
360				
970	4.3	07.6	✓	✓
350				
970	6.3	05.6	✓	✓
340				
970	8.0	03.9	✓	✓
330				
970	7.2	04.7	✓	✓
320				
970	6.8	05.1	✓	✓
310				
970	7.4	04.5	✓	✓

(713)

811.94

4300					
4970	5.5	806.4 [✓]	✓	✓	
290	5.1	06.8 [✓]	✓	✓	
970					
280	5.5	06.4 [✓]	✓	✓	
970					
270	6.8	05.1 [✓]	✓	✓	
970					
260	8.1	03.8 [✓]	✓	✓	
970					
250	9.6	02.3 [✓]	✓	✓	
970					
240	9.8	02.1 [✓]	✓	✓	
970					
230	11.6	00.3 [✓]	✓	✓	
970					
220	14.2	797.6 [✓]	✓	✓	
970					
210	16.2	95.7 [✓]	✓	✓	
970					
200	17.5	94.4 [✓]	✓	✓	
970					
T.P.	11.53	800.41 [✓]			
		(7100)			

on Rock 2'E of ⁴²⁴⁰ 4980

April 5 1932

Elliott Notes

Soper T

Shea 9

Walter Tape

B.M.	9.68	713.18 $\frac{1}{2}$	703.50 $\frac{1}{2}$			
4150						
5170			15.1	698.1	✓	✓
4150						
5180			12.7	700.5	✓	✓
4160						
5170			7.0	06.2	✓	✓
4160						
5160			7.9	05.3	✓	✓
4160						
5150			6.9	07.3	✓	✓
4160						
5140			3.1	10.1	✓	✓
4160						
5130			+1.6	14.8	✓	✓
4160						
5180			6.3	06.9	✓	✓
4170						
5180			2.0	11.2	✓	✓
4170						
5190			3.4	09.8	✓	✓
4160						
5190			8.0	05.2	✓	✓
4150						
5190		713.2	12.3	00.9	✓	✓
4140						
5190			17.2	696.0	✓	✓
4150						
5200			13.9	99.3	✓	✓
4160						
5200			9.4	703.8	✓	✓
4170						
5200			5.1	08.1	✓	✓
4180						
5200			2.0	11.2	✓	✓
4180						
5210			3.5	09.7	✓	✓
4170						
5210			7.8	05.4	✓	✓
4160						
5210			12.4	00.8	✓	✓
4150						
5210			16.3	696.9	✓	✓
4150						
5220			18.2	95.0	✓	✓
4160						
5220			14.1	99.1	✓	✓
4170						
5220			10.7	702.5	✓	✓

(713.2)

4180	5.6	707.6	✓	✓
5220				
4190	0.8	12.4	✓	✓
5220				
4190	1.8	11.4	✓	✓
5230				
4180	6.2	07.0	✓	✓
5230				
4170	11.6	01.6	✓	✓
5230				
4160	17.9	695.3	✓	✓
5230				
4160	17.5	95.7	✓	✓
5240				
4170	12.5	700.7	✓	✓
5240				
4180	8.0	05.2	✓	✓
5240				
4190	2.6	10.6	✓	✓
5240				
4190	4.0	09.2	✓	✓
5250				
4180	9.8	03.4	✓	✓
5250				
4170	15.0	698.2	✓	✓
5250				
4170	16.1	97.1	✓	✓
5260				
4180	12.1	701.1	✓	✓
5260				
4190	6.5	06.7	✓	✓
5260				
4200	2.1	11.1	✓	✓
5260				
4200	3.6	09.6	✓	✓
5270				
4190	5.9	07.9	✓	✓
5270				
4180	12.3	00.9	✓	✓
5270				
4170	17.2	696.0	✓	✓
5270				
4180	11.4	701.8	✓	✓
5280				
4190	8.7	04.5	✓	✓
5280				
4200	5.5	07.7	✓	✓
5280				
4210	0.8	12.4	✓	✓
5280				

(12)

	713.18				
4210		5.0	708.2 ^v	✓	✓
5290					
4200		10.3	02.9 ^v	✓	✓
5290					
4190		12.4	00.8 ^v	✓	✓
5290					
4180		16.4	696.8 ^v	✓	✓
5290					
4190		17.1	96.1 ^v	✓	✓
5300					
4200		14.7	98.5 ^v	✓	✓
5300					
4210		13.0	700.2 ^v	✓	✓
5300					
4220		11.4	01.8 ^v	✓	✓
5300					
4230		3.6	09.6 ^v	✓	✓
5300					
4220		12.5	00.7 ^v	✓	✓
5310					
4230		4.9	08.3 ^v	✓	✓
5310					
4250		0.5	12.7 ^v	✓	✓
5320					
4240	713.2	6.3	06.9 ^v	✓	✓
5320					
4230		10.7	02.5 ^v	✓	✓
5320					
4240		18.1	695.1 ^v	✓	✓
5330					
4250		5.5	707.7 ^v	✓	✓
5330					
4260		3.9	09.3 ^v	✓	✓
5330					
4270		4.2	09.0 ^v	✓	✓
5340					
4260		5.9	07.3 ^v	✓	✓
5340					
4250		9.0	04.2 ^v	✓	✓
5340					
4240		20.4	692.8 ^v	✓	✓
5340					
4230		15.2	98.0 ^v	✓	✓
5340					
4220		17.1	96.1 ^v	✓	✓
5340					
4200		19.6	93.6 ^v	✓	✓
5350					
4210		16.2	97.0 ^v	✓	✓
5350					

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4220	713.18	14.1	699.7	✓	✓
5350					
4230		10.4	702.8	✓	✓
5350					
4240		4.0	09.2	✓	✓
5350					
4250		2.7	10.5	✓	✓
5350					
4260		0.7	12.5	✓	✓
5350					
4250		+0.2	13.4	✓	✓
5360					
4240		2.2	11.0	✓	✓
5360					
4230		5.3	07.9	✓	✓
5360					
4220		9.0	04.2	✓	✓
5360					
4210		12.4	00.8	✓	✓
5360					
4200		16.4	696.8	✓	✓
5360					
4200		13.8	99.4	✓	✓
5370					
4210		10.5	702.7	✓	✓
5370					
4220		6.3	06.9	✓	✓
5370					
4230	713.2	2.8	10.4	✓	✓
5370					
4230		0.6	12.6	✓	✓
5380					
4220		4.7	08.5	✓	✓
5380					
4210		10.0	03.2	✓	✓
5380					
4200		14.6	698.6	✓	✓
5380					
4200		13.2	700.0	✓	✓
5390					
4210		9.3	03.9	✓	✓
5390					
4220		4.1	09.1	✓	✓
5390					
4220		2.6	10.6	✓	✓
5400					
4210		6.1	07.1	✓	✓
5400					
4200		8.6	04.6	✓	✓
5400					

(713.2)

2
713.18

4190					
5400		16.9	696.3 ^v	✓	✓
4190					
5410		15.0	98.2 ^v	✓	✓
4200					
5410		10.1	703.1 ^v	✓	✓
4210					
5410		6.4	06.8 ^v	✓	✓
4220					
5410		1.4	11.8 ^v	✓	✓
4210					
5420		1.7	11.5 ^v	✓	✓
4200					
5420		9.7	03.5 ^v	✓	✓
4190					
5420		13.5	699.7 ^v	✓	✓
4190					
5430		11.0	702.2 ^v	✓	✓
4200					
5430		6.6	06.6 ^v	✓	✓
4210					
5430		2.1	11.1 ^v	✓	✓
4210					
5440		0.0	13.2 ^v	✓	✓
4200					
5440	713.2	4.1	09.1 ^v	✓	✓
4190					
5440		7.8	05.4 ^v	✓	✓
4180					
5440		12.6	00.6 ^v	✓	✓
4170					
5440		16.9	696.3 ^v	✓	✓
4170					
5450		15.8	97.4 ^v	✓	✓
4180					
5450		9.7	703.5 ^v	✓	✓
4190					
5450		5.9	07.3 ^v	✓	✓
4200					
5450		1.9	11.3 ^v	✓	✓
4200					
5460		2.9	10.3 ^v	✓	✓
4190					
5460		7.2	06.0 ^v	✓	✓
4180					
5460		10.1	03.1 ^v	✓	✓
4170					
5460		14.5	698.7 ^v	✓	✓
4160					
5460		18.0	95.2 ^v	✓	✓

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4160						
5470			17.5	695.7	✓	✓
4170						
5470			14.7	98.5	✓	✓
4180						
5470			11.0	702.2	✓	✓
4190						
5470			7.2	06.0	✓	✓
4200						
5470			4.4	08.8	✓	✓
T.P.	0.21	701.03 1/2	12.36	700.82 1/2		
4150						
5470			10.0	691.0	✓	✓
4140						
5470			14.7	86.3	✓	✓
4140						
5460			13.5	87.5	✓	✓
4150						
5460			10.3	90.7	✓	✓
4160						
5450			7.0	94.0	✓	✓
4150						
5450			11.0	90.0	✓	✓
4140						
5450			12.9	88.1	✓	✓
4140						
5440			16.6	84.4	✓	✓
4150						
5440		701.0	12.2	88.8	✓	✓
4160						
5440			8.8	92.2	✓	✓
4180						
5430			3.3	97.7	✓	✓
4170						
5430			7.7	93.3	✓	✓
4160						
5430			11.2	89.8	✓	✓
4150						
5430			16.1	84.9	✓	✓
4150						
5420			17.8	83.2	✓	✓
4160						
5420			14.5	86.5	✓	✓
4170						
5420			9.5	91.5	✓	✓
4180						
5420			5.1	95.9	✓	✓
4180						
5410			6.9	94.1	✓	✓

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701.03

4170				
5410	11.6	689.4	✓	✓
4160	16.8	84.2	✓	✓
5410				
4160	18.2	82.8	✓	✓
5400				
4170	13.7	87.3	✓	✓
5400				
4180	8.4	92.6	✓	✓
5400				
4190	5.4	95.6	✓	✓
5390				
4180	10.9	90.1	✓	✓
5390				
4170	16.0	85.0	✓	✓
5390				
4170	17.0	84.0	✓	✓
5380				
4180	12.5	88.5	✓	✓
5380				
4190	8.2	92.8	✓	✓
5380				
4190	8.7	92.3	✓	✓
5370				
4180	14.1	86.9	✓	✓
5370				
4170	18.3	82.7	✓	✓
5370				
4180	14.7	86.3	✓	✓
5360				
4190	10.2	90.8	✓	✓
5360				
4190	11.6	89.4	✓	✓
5350				
4180	18.0	83.0	✓	✓
5350				
4190	17.9	83.1	✓	✓
5340				
4200	14.6	86.4	✓	✓
5340				
4210	9.8	91.2	✓	✓
5340				
4230	8.7	92.3	✓	✓
5330				
4220	10.0	91.0	✓	✓
5330				
4210	12.7	88.3	✓	✓
5330				
4200	15.3	85.7	✓	✓
5330				

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701.03

4190					
5320		16.0	685.0 ^v	✓	✓
4200					
5320		13.5	87.5 ^v	✓	✓
4210					
5320		9.5	91.5 ^v	✓	✓
4220					
5320		6.5	94.5 ^v	✓	✓
4210					
5310		8.5	92.5 ^v	✓	✓
4200					
5310		8.2	92.8 ^v	✓	✓
4190					
5310		10.9	90.1 ^v	✓	✓
4180					
5310		13.1	87.9 ^v	✓	✓
4170					
5310		15.8	85.2 ^v	✓	✓
4160					
5300		16.1	84.9 ^v	✓	✓
4170					
5300		12.0	89.0 ^v	✓	✓
4180					
5300		8.1	92.9 ^v	✓	✓
4170					
5290	701.0	8.6	92.4 ^v	✓	✓
4160					
5290		12.8	88.2 ^v	✓	✓
4150					
5290		16.2	84.8 ^v	✓	✓
4150					
5280		16.2	84.8 ^v	✓	✓
4160					
5280		11.1	89.9 ^v	✓	✓
4170					
5280		7.4	93.6 ^v	✓	✓
4160					
5270		10.1	90.9 ^v	✓	✓
4150					
5270		14.5	86.5 ^v	✓	✓
4150					
5260		12.8	88.2 ^v	✓	✓
4160					
5260		8.5	92.5 ^v	✓	✓
4160					
5250		7.1	93.9 ^v	✓	✓
4150					
5250		12.0	89.0 ^v	✓	✓
4150					
5240		10.1	90.9 ^v	✓	✓

MEL

4150		701.03 $\frac{1}{2}$				
5230			8.3	692.7 [✓]	✓	✓
T.P.	0.06	688.93 [✓]	12.16 $\frac{1}{2}$	688.87 [✓]		
4140						
5210			+3.8	92.7 [✓]	✓	✓
4140						
5220			+2.5	91.4 [✓]	✓	✓
4140						
5230			+0.7	89.6 [✓]	✓	✓
4140						
5240			2.6	86.3 [✓]	✓	✓
4140						
5250			4.4	84.5 [✓]	✓	✓
4140						
5260			5.4	83.5 [✓]	✓	✓
4140						
5270			6.6	82.3 [✓]	✓	✓
4140						
5280			7.9	81.0 [✓]	✓	✓
4140						
5290			8.2	80.7 [✓]	✓	✓
4140						
5300			11.7	77.2 [✓]	✓	✓
4150						
5300			6.7	82.2 [✓]	✓	✓
4160						
5310			8.7	80.2 [✓]	✓	✓
4150						
5310			11.7	77.2 [✓]	✓	✓
4140						
5310			16.9	72.0 [✓]	✓	✓
4150						
5320			15.9	73.0 [✓]	✓	✓
4160						
5320			12.6	76.3 [✓]	✓	✓
4170						
5320			10.3	78.6 [✓]	✓	✓
4180						
5320			6.0	82.9 [✓]	✓	✓
4190						
5330			4.8	84.1 [✓]	✓	✓
4180						
5330			12.0	76.9 [✓]	✓	✓
4170						
5330			17.3	71.6 [✓]	✓	✓
4160						
5330			17.2	71.7 [✓]	✓	✓
4170						
5340			15.3	73.6 [✓]	✓	✓

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688.93

4180					
5340		9.8	679.1	✓	✓
4170		10.6	78.3	✓	✓
5350		16.3	72.6	✓	✓
4160		18.5	70.4	✓	✓
5350		15.4	73.5	✓	✓
4150		11.0	77.9	✓	✓
5360		6.8	82.1	✓	✓
4170		9.4	79.5	✓	✓
5360		12.1	76.8	✓	✓
4160		16.7	72.2	✓	✓
5370		15.5	73.4	✓	✓
4140		11.1	77.8	✓	✓
5380		8.1	80.8	✓	✓
4160		6.7	82.2	✓	✓
5390		9.8	79.1	✓	✓
4150		13.7	75.2	✓	✓
5390		13.1	75.8	✓	✓
4140		8.5	80.4	✓	✓
5400		7.2	81.7	✓	✓
4150		11.5	77.4	✓	✓
5410		9.7	79.2	✓	✓
4140		7.6	81.3	✓	✓
5420					
4140					
5430					
T. P.	0.45	677.07	12.31	676.62	
4140		6.6	70.5	✓	✓
5360		12.6	69.5	✓	✓
4140					
5350					

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April 5, 1932
 Elliott Notes
 Soper T
 Shea P
 Walton Tape

Clear-warm.

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		677.07				
4140						
5340			19.5	657.6	✓	✓
4150						
5340			13.3	63.8	✓	✓
4160						
5340			10.0	67.1	✓	✓
4150						
5330			9.7	67.4	✓	✓
4140						
5330			14.9	62.2	✓	✓
4140						
5320			8.8	68.3	✓	✓
T.P.			12.62	664.45		
	1.13	665.58				
T.P.	1.20	658.47	8.31	657.27		
B.M.			8.46	650.01	Record	
					650.00	Berm hub about El. 650.
B.M.	12.40	715.90 $\frac{1}{2}$		703.50 $\frac{1}{2}$		
T.P.	12.75	728.09	0.56 $\frac{1}{2}$	715.34		
4210						
5260			12.0	16.1	✓	✓
4220						
5260			6.0	22.1	✓	✓
4230				18.7		
5260			1.6	26.5	✓	✓
4230						
5250			0.5	27.6	✓	✓
4220						
5250			4.8	23.3	✓	✓
4210						
5250			10.2	17.9	✓	✓
4200						
5250			15.5	12.6	✓	✓
4200						
5240			13.7	14.4	✓	✓
4210						
5240			8.0	20.1	✓	✓
4220						
5240			3.4	24.7	✓	✓
4230						
5240			0.5	27.6	✓	✓
4230						
5230			0.0	28.1	✓	✓

9130

728.09

4220					
5230		2.5	725.6	✓	✓
4210					
5230		7.4	20.7	✓	✓
4200					
5230		12.1	16.0	✓	✓
4200					
5220		11.3	16.8	✓	✓
4210					
5220		7.0	21.1	✓	✓
4210					
5210		0.9	27.2	✓	✓
4200					
5210		7.3	20.8	✓	✓
4190					
5210		10.8	17.3	✓	✓
4190					
5200		12.2	15.9	✓	✓
4200					
5200		7.4	20.7	✓	✓
4210					
5200		4.1	24.0	✓	✓
4210					
5190	728.1	2.2	25.9	✓	✓
4200					
5190		5.3	22.8	✓	✓
4190					
5190		10.1	18.0	✓	✓
4180					
5180		11.9	16.2	✓	✓
4190					
5180		8.8	19.3	✓	✓
4200					
5180		3.2	24.9	✓	✓
4210					
5180		0.6	27.5	✓	✓
4200					
5170		0.8	27.3	✓	✓
4190					
5170		4.4	23.7	✓	✓
4180					
5170		11.0	17.1	✓	✓
4170					
5170		15.2	12.9	✓	✓
4170					
5160		15.4	12.7	✓	✓
4180					
5160		9.5	18.6	✓	✓
4190					
5160		5.5	22.6	✓	✓

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728.09

4190					
5150		3.0	725.1	✓	✓
4180		8.7	19.4	✓	✓
5150					
4170		14.7	13.4	✓	✓
5150					
4170		14.6	13.5	✓	✓
5140					
4180		8.5	19.6	✓	✓
5140					
4190		4.0	24.1	✓	✓
5140					
4190		2.0	26.1	✓	✓
5130					
4180		5.5	22.6	✓	✓
5130					
4170		8.8	19.3	✓	✓
5130					
4170		4.1	24.0	✓	✓
5120					
4180		+0.2	28.3	✓	✓
5120					
4190		+3.0	31.1	✓	✓
5120					
4240		3.7	24.4	✓	✓
5270					
4230		5.3	22.8	✓	✓
5270					
4220		9.4	18.7	✓	✓
5270					
4210		14.0	14.1	✓	✓
5270					
4220		13.5	14.6	✓	✓
5280					
4230		11.2	16.9	✓	✓
5280					
4240		5.8	22.3	✓	✓
5280					
4250		1.7	26.4	✓	✓
5290					
4240		8.6	19.5	✓	✓
5290					
4230		16.8	11.3	✓	✓
5290					
4220		19.4	08.7	✓	✓
5290					
4240		12.0	16.1	✓	✓
5300					
4250		5.3	22.8	✓	✓
5300					

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728.09

4260				
5310		4.5	723.6	✓ ✓
4250				
5310		9.7	18.4	✓ ✓
4240				
5310		15.6	12.5	✓ ✓
4260				
5320		11.4	16.7	✓ ✓
4270				
5320		7.5	20.6	✓ ✓
4280				
5320		1.5	26.6	✓ ✓
4290				
5330		7.4	20.7	✓ ✓
4280				
5330		9.5	18.6	✓ ✓
4270				
5330		12.4	15.7	✓ ✓
4280				
5340		13.2	14.9	✓ ✓
4290				
5340		14.2	13.9	✓ ✓
4290				
5350		9.7	18.4	✓ ✓
4280				
5350	728.1	6.1	22.0	✓ ✓
4270				
5350		9.5	18.6	✓ ✓
4260				
5360		9.9	18.2	✓ ✓
4270				
5360		6.3	21.8	✓ ✓
4280				
5360		1.2	26.9	✓ ✓
4270				
5370		0.6	27.5	✓ ✓
4260				
5370		6.4	21.7	✓ ✓
4250				
5370		12.0	16.1	✓ ✓
4240				
5370		13.3	14.8	✓ ✓
4240				
5380		11.4	16.7	✓ ✓
4250				
5380		6.8	21.3	✓ ✓
4260				
5380		2.3	25.8	✓ ✓
4260				
5390		0.0	28.1	✓ ✓

728.1

728.09

4250					
5390		4.0	724.1	✓	✓
4240					
5390		9.8	18.3	✓	✓
4230					
5390		13.7	14.4	✓	✓
4230					
5400		12.0	16.1	✓	✓
4240					
5400.		7.7	20.4	✓	✓
4250					
5400		3.4	24.7	✓	✓
4250					
5410		1.7	26.4	✓	✓
4240					
5410		6.2	21.9	✓	✓
4230					
5410		11.8	16.3	✓	✓
4220					
5420		14.4	13.7	✓	✓
4230					
5420		9.0	19.1	✓	✓
4240					
5420		4.5	23.6	✓	✓
4250					
5420	728.1	0.0	28.1	✓	✓
4240					
5430		3.6	24.5	✓	✓
4230					
5430		8.0	20.1	✓	✓
4220					
5430		12.4	15.7	✓	✓
4220					
5440		11.2	16.9	✓	✓
4230					
5440		6.6	21.5	✓	✓
4240					
5440		2.2	25.9	✓	✓
4240					
5450		1.2	26.9	✓	✓
4230					
5450		5.5	22.6	✓	✓
4220					
5450		10.7	17.4	✓	✓
4210					
5450		14.8	13.3	✓	✓
4210					
5460		14.3	13.8	✓	✓
4220					
5460		10.6	17.5	✓	✓

728.1

	728.09				
4230		5.6	722.5 [✓]	✓	✓
5460					
4240		1.0	27.1 [✓]	✓	✓
5460					
4240		1.2	26.9 [✓]	✓	✓
5470					
4230		8.2	19.9 [✓]	✓	✓
5470					
4220		12.0	16.1 [✓]	✓	✓
5470					
4210		16.3	11.8 [✓]	✓	✓
5470					
T.P.	11.53	739.00 [✓]	0.62	727.47	
4250		8.0	31.0 [✓]	✓	✓
5470					
4260		3.5	35.5 [✓]	✓	✓
5470					
4260		3.5	35.5 [✓]	✓	✓
5460					
4250		7.2	31.8 [✓]	✓	✓
5460					
4250		7.7	31.3 [✓]	✓	✓
5450					
4260		2.3	36.7 [✓]	✓	✓
5450					
4260		2.4	36.6 [✓]	✓	✓
5440					
4250		8.0	31.0 [✓]	✓	✓
5440					
4250		9.3	29.7 [✓]	✓	✓
5430					
4260		2.9	36.1 [✓]	✓	✓
5430					
4260		4.8	34.2 [✓]	✓	✓
5420					
T.P.		1.33	737.67		
	10.26	747.93 [✓]			
4270		8.4	39.5 [✓]	✓	✓
5470					
4280		1.1	46.8 [✓]	✓	✓
5470					
4280		+0.7	48.6 [✓]	✓	✓
5460					
4270		6.4	41.5 [✓]	✓	✓
5460					
4270		6.1	41.8 [✓]	✓	✓
5450					

(112)

4280	747.93	2.0	745.9 [✓]	✓	✓
5450					
4280		1.1	46.8 [✓]	✓	✓
5440					
4270		6.0	41.9 [✓]	✓	✓
5440					
4270		6.9	41.0 [✓]	✓	✓
5430					
4280		2.2	45.7 [✓]	✓	✓
5430					
4290		10.7	48.6 [✓]	✓	✓
5420					
4280		4.6	43.3 [✓]	✓	✓
5420					
4270		9.0	38.9 [✓]	✓	✓
5420					
4260		15.7	32.2 [✓]	✓	✓
5410					
4270		11.0	36.9 [✓]	✓	✓
5410					
4280		6.1	41.8 [✓]	✓	✓
5410					
4290		0.4	47.5 [✓]	✓	✓
5410					
4290	747.9	3.1	44.8 [✓]	✓	✓
5400					
4280		9.2	38.7 [✓]	✓	✓
5400					
4270		14.0	33.9 [✓]	✓	✓
5400					
4260		18.3	29.6 [✓]	✓	✓
5400					
4270		15.3	32.6 [✓]	✓	✓
5390					
4280		10.5	37.4 [✓]	✓	✓
5390					
4290		4.5	43.4 [✓]	✓	✓
5390					
4290		7.2	40.7 [✓]	✓	✓
5380					
4280		18.8	29.1 [✓]	✓	✓
5380					
4270		18.3	29.6 [✓]	✓	✓
5380					
4280		16.5	31.4 [✓]	✓	✓
5370					
4290		10.9	37.0 [✓]	✓	✓
5370					
4300		6.4	41.5 [✓]	✓	✓
5370					

(778)

	747.93				
4310		2.3	745.6	✓	✓
5370				✓	✓
4320		2.3	45.6	✓	✓
5360				✓	✓
4310		7.5	40.4	✓	✓
5360				✓	✓
4300		12.4	35.5	✓	✓
5360				✓	✓
4290		18.0	29.9	✓	✓
5360				✓	✓
4300		19.0	28.9	✓	✓
5350				✓	✓
4310		15.7	32.2	✓	✓
5350				✓	✓
4310		20.4	27.5	✓	✓
5340				✓	✓
4300		27.0	20.9	✓	✓
5340				✓	✓
4300		17.4	30.5	✓	✓
5330				✓	✓
4310		13.4	34.5	✓	✓
5330				✓	✓
4320		10.4	37.5	✓	✓
5330				✓	✓
4310	747.9	2.9	45.0	✓	✓
5320				✓	✓
4300		8.5	39.4	✓	✓
5320				✓	✓
4290		17.6	30.3	✓	✓
5320				✓	✓
4270		19.5	28.4	✓	✓
5310				✓	✓
4280		14.1	33.8	✓	✓
5310				✓	✓
4290		10.8	37.1	✓	✓
5310				✓	✓
4300		3.0	44.9	✓	✓
5310				✓	✓
4290		4.4	43.5	✓	✓
5300				✓	✓
4280		8.2	39.7	✓	✓
5300				✓	✓
4270		13.2	34.7	✓	✓
5300				✓	✓
4260		19.5	28.4	✓	✓
5300				✓	✓
4260		16.1	31.8	✓	✓
5290				✓	✓
4270		9.6	38.3	✓	✓
5290				✓	✓

(m)

April 5, 1932
 Elliott Notes
 Soper &
 Shea &
 Walton Tape.

	747.93			
4280				
5290		2.9	745.0	✓ ✓
4270				
5280		6.7	41.2	✓ ✓
4260				
5280		11.8	36.1	✓ ✓
4250				
5280		18.1	29.8	✓ ✓
4250				
5270		16.7	31.2	✓ ✓
4260				
5270		8.3	39.6	✓ ✓
4270				
5270		1.9	46.0	✓ ✓
4270				
5260		0.7	47.2	✓ ✓
4260				
5260		7.2	40.7	✓ ✓
4250				
5260		14.0	33.9	✓ ✓
4240				
5260		19.0	28.9	✓ ✓
4240				
5250	747.9	13.2	34.7	✓ ✓
4250				
5250		13.7	34.2	✓ ✓
4260				
5250		9.2	38.7	✓ ✓
4270				
5250		1.1	46.8	✓ ✓
4260				
5240		2.0	45.9	✓ ✓
4250				
5240		8.3	39.6	✓ ✓
4240				
5240		14.0	33.9	✓ ✓
4240				
5230		12.7	35.2	✓ ✓
4250				
5230		7.0	40.9	✓ ✓
4260				
5230		1.0	46.9	✓ ✓
4260				
5220		0.0	47.9	✓ ✓
4250				
5220		5.4	42.5	✓ ✓
4240				
5220		11.2	36.7	✓ ✓
4230				
5220		15.5	32.4	✓ ✓

(MSD)

4220	747.93	21.5	726.4	✓	✓
5220				✓	✓
4220				✓	✓
5210		21.3	26.6	✓	✓
4230				✓	✓
5210		16.0	31.9	✓	✓
4240				✓	✓
5210		11.8	36.1	✓	✓
4250				✓	✓
5210		6.2	41.7	✓	✓
4250				✓	✓
5200		4.6	43.3	✓	✓
4240				✓	✓
5200		10.3	37.6	✓	✓
4230				✓	✓
5200		14.2	33.7	✓	✓
4220				✓	✓
5200		18.7	29.2	✓	✓
4220				✓	✓
5170		17.3	30.6	✓	✓
4230				✓	✓
5190		12.7	35.2	✓	✓
4240	747.9	8.8	39.1	✓	✓
5190				✓	✓
4250		2.4	45.5	✓	✓
5190				✓	✓
4240				✓	✓
5180		3.7	44.2	✓	✓
4230				✓	✓
5180		9.2	38.7	✓	✓
4220				✓	✓
5180		14.9	33.0	✓	✓
4220				✓	✓
5170		12.3	35.6	✓	✓
4230				✓	✓
5170		8.3	39.6	✓	✓
4240				✓	✓
5170		1.2	46.7	✓	✓
4240				✓	✓
5160		0.1	47.8	✓	✓
4230				✓	✓
5160		5.3	42.6	✓	✓
4220				✓	✓
5160		10.0	37.9	✓	✓
4210				✓	✓
5160		14.0	33.9	✓	✓
4200				✓	✓
5160		19.1	28.8	✓	✓

(700)

4200	747.93				
5150		22.0	725.9 [✓]	✓	✓
4210					
5150		18.1	29.8 [✓]	✓	✓
4220					
5150		11.2	36.7 [✓]	✓	✓
4230					
5150		5.9	42.0 [✓]	✓	✓
4240					
5150		1.0	46.9 [✓]	✓	✓
4240					
5140		3.2	44.7 [✓]	✓	✓
4230					
5140		11.9	36.0 [✓]	✓	✓
4220					
5140		16.9	31.0 [✓]	✓	✓
4210					
5140		19.9	28.0 [✓]	✓	✓
4200					
5140		21.7	26.2 [✓]	✓	✓
4200					
5130		21.5	26.4 [✓]	✓	✓
4210					
5130	747.9	14.8	33.1 [✓]	✓	✓
4220					
5130		10.8	37.1 [✓]	✓	✓
4230					
5130		6.6	41.3 [✓]	✓	✓
4240					
5130		5.8	42.1 [✓]	✓	✓
4250					
5130		1.9	46.0 [✓]	✓	✓
4230					
5120		1.0	46.9 [✓]	✓	✓
4220					
5120		4.6	43.3 [✓]	✓	✓
4210					
5120		12.4	35.5 [✓]	✓	✓
4200					
5120		21.5	26.4 [✓]	✓	✓
4200					
5110		8.0	39.9 [✓]	✓	✓
4210					
5110		4.7	43.2 [✓]	✓	✓
5220					
5110		0.2	47.7 [✓]	✓	✓
T.P.		0.46 1/2	747.46 1/2		

12.84. 760.30 1/2

(7133)

End Day April 5 - 1932

64

	760.30%				
T.P.	5.36	765.27½	0.39	759.91%	Record
B.M.			8.19%	757.08	757.07%
	7.50½	764.58			

Start Day April 6 - 1932

4210			2.5	762.1	✓	✓
5070						
4220			2.3	62.3	✓	✓
5080						
4210			6.4	58.2	✓	✓
5080						
4210			10.7	53.9	✓	✓
5090						
4220			6.8	57.8	✓	✓
5090						
4230			2.1	62.5	✓	✓
5090						
4240			4.2	60.4	✓	✓
5100						
4230			7.0	57.6	✓	✓
5100						
4220		764.6	11.2	53.4	✓	✓
5100						
4210			16.8	47.8	✓	✓
5100						
4230			12.4	52.2	✓	✓
5110						
4240			9.6	55.0	✓	✓
5110						
4250			4.5	60.1	✓	✓
5110						
4260			3.1	61.5	✓	✓
5110						
4270			1.8	62.8	✓	✓
5110						
4270			3.0	61.6	✓	✓
5120						
4260			8.5	56.1	✓	✓
5120						
4250			12.1	52.5	✓	✓
5120						
4240			14.2	50.4	✓	✓
5120						
4260			11.5	53.1	✓	✓
5130						
4270			6.0	58.6	✓	✓
5180						
4280			+0.8	65.4	✓	✓
5130						

M.D.

4270	764.58				
5140		3.6	761.0	✓	✓
4260					
5140		8.5	56.1	✓	✓
4250					
5140		14.6	50.0	✓	✓
4250					
5150		11.8	52.8	✓	✓
4260					
5150		6.8	57.8	✓	✓
4270					
5150		2.2	62.4	✓	✓
4270					
5160		2.8	61.8	✓	✓
4260					
5160		6.3	58.3	✓	✓
4250					
5160		8.9	55.7	✓	✓
4250					
5170		13.3	51.3	✓	✓
4260					
5170		8.5	56.1	✓	✓
4270					
5170	764.6	6.1	58.5	✓	✓
4280					
5170		3.2	61.4	✓	✓
4290					
5170		+3.1	67.7	✓	✓
4290					
5180		+3.2	67.8	✓	✓
4280					
5180		0.5	64.1	✓	✓
4270					
5180		7.5	57.1	✓	✓
4260					
5180		12.2	52.4	✓	✓
4250					
5180		16.1	48.5	✓	✓
4260					
5190		15.8	48.8	✓	✓
4270					
5190		7.4	57.2	✓	✓
4280					
5190		1.0	63.6	✓	✓
4280					
5200		1.7	62.9	✓	✓
4270					
5200		8.6	58.0	✓	✓
4260					
5200		15.6	49.0	✓	✓

(773)

	6				
	764.58				
4260					
5210		14.6	750.0 [✓]	✓	✓
4270					
5210		8.9	55.7 [✓]	✓	✓
4280					
5210		2.7	61.9 [✓]	✓	✓
T.P.	4.71				
4280	767.63 [✓]	1.66	762.92		
5220		4.7	762.9 [✓]	✓	✓
4290					
5220		1.5	66.1 [✓]	✓	✓
4270					
5220		12.6	55.0 [✓]	✓	✓
4270					
5230		14.4	53.2 [✓]	✓	✓
4280					
5230		8.9	58.7 [✓]	✓	✓
4290					
5230		6.6	61.0 [✓]	✓	✓
4300					
5230		0.6	67.0 [✓]	✓	✓
4290					
5240		8.6	59.0 [✓]	✓	✓
4280					
5240		14.4	53.2 [✓]	✓	✓
4270					
5240		17.7	49.9 [✓]	✓	✓
4280					
5250		14.3	53.3 [✓]	✓	✓
4290					
5250		7.4	60.2 [✓]	✓	✓
4300					
5250		1.3	66.3 [✓]	✓	✓
4300					
5260		3.2	64.4 [✓]	✓	✓
4290					
5260		10.3	57.3 [✓]	✓	✓
4280					
5260		16.0	51.6 [✓]	✓	✓
4280					
5270		17.4	50.2 [✓]	✓	✓
4290					
5270		12.1	55.5 [✓]	✓	✓
4300					
5270		8.6	59.0 [✓]	✓	✓
4310					
5280		3.6	64.0 [✓]	✓	✓
4300					
5280		9.5	58.1 [✓]	✓	✓

(7/22)

4290	767.63				
5280		15.2	752.4 ^v	✓	✓
4280					
5280		20.5	47.1 ^v	✓	✓
4290					
5290		17.3	50.3 ^v	✓	✓
4300					
5290		11.7	55.9 ^v	✓	✓
4310					
5290		5.6	62.0 ^v	✓	✓
4320					
5290		1.1	66.5 ^v	✓	✓
4330					
5300		0.6	67.0 ^v	✓	✓
4320					
5300		6.1	61.5 ^v	✓	✓
4310					
5300		11.8	55.8 ^v	✓	✓
4300					
5300		17.1	50.5 ^v	✓	✓
4310					
5310		18.0	49.6 ^v	✓	✓
4320					
5310	767.6	11.1	56.5 ^v	✓	✓
4330					
5310		5.8	61.8 ^v	✓	✓
4340					
5310		1.1	66.5 ^v	✓	✓
4350					
5320		0.1	67.5 ^v	✓	✓
4340					
5320		5.9	61.7 ^v	✓	✓
4330					
5320		11.0	56.6 ^v	✓	✓
4320					
5320		17.5	50.1 ^v	✓	✓
4330					
5330		21.4	46.2 ^v	✓	✓
4340					
5330		13.6	54.0 ^v	✓	✓
4350					
5330		7.1	60.5 ^v	✓	✓
4360					
5330		+2.4	70.0 ^v	✓	✓
4360					
5340		+0.6	68.2 ^v	✓	✓
4350					
5340		12.0	55.6 ^v	✓	✓
4340					
5340		28.9	38.7 ^v	✓	✓

(MCD)

	767.63			
4330		29.6	738.0	✓ ✓
5340				
4320		30.0	37.6	✓ ✓
5340				
4320		31.2	36.4	✓ ✓
5350				
4330		27.4	40.2	✓ ✓
5350				
4340		22.6	45.0	✓ ✓
5350				
4350		20.7	46.9	✓ ✓
5360				
4370		7.8	59.8	✓ ✓
5350				
4370		5.8	61.8	✓ ✓
5360				
4360		4.4	63.2	✓ ✓
5360				
4360		8.8	58.8	✓ ✓
5360				
4340		12.5	55.1	✓ ✓
5360	767.6	16.1	51.5	✓ ✓
4330				
5360		19.9	47.7	✓ ✓
4320				
5370		15.9	51.7	✓ ✓
4330				
5370		12.3	55.3	✓ ✓
4340				
5370		10.0	57.6	✓ ✓
4350				
5370		4.0	63.6	✓ ✓
4360				
5370		0.3	67.3	✓ ✓
4350				
5380		+1.3	68.9	✓ ✓
4340				
5380		3.1	64.5	✓ ✓
4330				
5380		8.2	59.4	✓ ✓
4320				
5380		11.8	55.8	✓ ✓
4310				
5380		16.3	51.3	✓ ✓
4300				
5380		21.2	46.4	✓ ✓
4300				
5390		18.1	49.5	✓ ✓

(110)

	767.63				
4310					
5390		12.6	755.0 [✓]	✓	✓
4320					
5390		7.7	59.9 [✓]	✓	✓
4330					
5390		2.6	65.0 [✓]	✓	✓
4330					
5400		2.4	65.2 [✓]	✓	✓
4320					
5400		5.8	61.8 [✓]	✓	✓
4310					
5400		10.3	57.3 [✓]	✓	✓
4300					
5400		16.5	51.1 [✓]	✓	✓
4300					
5410		13.3	54.3 [✓]	✓	✓
4310					
5410		9.2	58.4 [✓]	✓	✓
4320					
5410		4.7	62.9 [✓]	✓	✓
4330					
5410		+1.3	68.9 [✓]	✓	✓
4320					
5420	767.6	1.0	66.6 [✓]	✓	✓
4310					
5420		5.3	62.3 [✓]	✓	✓
4300					
5420		13.8	53.8 [✓]	✓	✓
4290					
5430		18.4	49.2 [✓]	✓	✓
4300					
5430		11.3	56.3 [✓]	✓	✓
4310					
5430		5.0	62.6 [✓]	✓	✓
4320					
5430		+1.7	69.3 [✓]	✓	✓
4310					
5440		3.4	64.2 [✓]	✓	✓
4300					
5440		8.3	59.3 [✓]	✓	✓
4290					
5440		13.2	54.4 [✓]	✓	✓
4290					
5450		13.9	53.7 [✓]	✓	✓
4300					
5450		8.2	59.4 [✓]	✓	✓
4310					
5450		3.9	63.7 [✓]	✓	✓
4310					
5460		4.0	63.6 [✓]	✓	✓

(113)

4300		767.63				
5460			10.4	757.2	✓	✓
4290			15.0	52.6	✓	✓
5460			17.1	50.5	✓	✓
4290			11.6	56.0	✓	✓
5470			6.2	61.4	✓	✓
4300			0.8	66.8	✓	✓
5470						
4310						
5470						
4320						
5470						
T.P.	12.80	779.51	0.92	766.71		
N4330			7.3	72.2	✓	✓
5470			2.5	77.0	✓	✓
4340			5.3	74.2	✓	✓
5470			10.7	68.8	✓	✓
4330			7.5	72.0	✓	✓
5460			+1.5	81.0	✓	✓
4320			1.8	77.7	✓	✓
5460			5.2	74.3	✓	✓
4320						
5440						
T.P.	9.86	786.41	1.96	776.55		
4340			2.9	83.5	✓	✓
5440			+0.4	86.8	✓	✓
4350			5.9	80.5	✓	✓
5430			10.4	76.0	✓	✓
4340			12.9	73.5	✓	✓
5430			8.1	78.3	✓	✓
4330			1.5	84.9	✓	✓
5430			4.3	82.1	✓	✓
4330			12.0	74.4	✓	✓
5420						
4340						
5420						
4350						
5420						
4350						
5410						
4340						
5410						

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Point of Rock N4305
E5440

4340	786.41				
5400		14.8	771.6	✓	✓
4350					
5400		9.0	77.4	✓	✓
4360					
5400		3.2	83.2	✓	✓
4370					
5400		0.0	86.4	✓	✓
4370					
5390		0.0	86.4	✓	✓
4360					
5390		4.4	82.0	✓	✓
4350					
5390		9.0	77.4	✓	✓
4340					
5390		13.8	72.6	✓	✓
4360					
5380		12.6	73.8	✓	✓
4370					
5380		6.0	80.4	✓	✓
4380					
5380		2.6	83.8	✓	✓
4390					
5370	786.4	8.6	77.8	✓	✓
4380					
5370		8.7	77.7	✓	✓
4370					
5370		15.1	71.3	✓	✓
4380					
5360		14.8	71.6	✓	✓
4390					
5360		7.5	78.9	✓	✓
4400					
5360		6.0	80.4	✓	✓
4390					
5350		13.3	73.1	✓	✓
4380					
5350		21.7	64.7	✓	✓
4370					
5340		14.2	72.2	✓	✓
4380					
5340		5.9	80.5	✓	✓
4390					
5340		+0.2	86.6	✓	✓
4380					
5330		4.5	81.9	✓	✓
4370					
5330		9.2	77.2	✓	✓

(ms)

786.41

4360				
5320	12.5	773.9	✓	
4370				
5320	6.7	79.7	✓	
4380				
5320	1.1	85.5	✓	
4370				
5310	1.6	84.8	✓	
4360				
5310	6.8	79.6	✓	
4350				
5310	11.0	75.4	✓	
4340				
5300	12.8	73.6	✓	
4350				
5300	7.0	79.4	✓	
4360				
5300	1.2	85.2	✓	
4350				
5290	1.9	84.5	✓	
4340				
5290	8.5	77.9	✓	
4330				
5290	14.0	72.4	✓	
4320				
5280	15.5	70.9	✓	
4330				
5280	10.5	75.9	✓	
4340				
5280	4.4	82.0	✓	
4350				
5280	+0.8	87.2	✓	
4340				
5270	+0.2	86.6	✓	
4330				
5270	6.4	80.0	✓	
4320				
5270	11.3	75.1	✓	
4310				
5270	19.1	67.3	✓	
4310				
5260	13.8	72.6	✓	
4320				
5260	9.0	77.4	✓	
4330				
5260	2.7	83.7	✓	
4330				
5250	2.0	84.4	✓	
4320				
5250	7.9	78.5	✓	

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78641

4310				
5250	12.5	773.9 ^v	✓	✓
4300				
5240	18.0	68.4 ^v	✓	✓
4310				
5240	12.0	74.4 ^v	✓	✓
4320				
5240	5.6	80.8 ^v	✓	✓
4330				
5240	0.1	86.3 ^v	✓	✓
4330				
5230	2.8	83.6 ^v	✓	✓
4320				
5230	7.1	79.3 ^v	✓	✓
4310				
5230	12.9	73.5 ^v	✓	✓
4300				
5220	16.4	70.0 ^v	✓	✓
4310				
5220	14.7	71.7 ^v	✓	✓
4320				
5220	8.8	77.6 ^v	✓	✓
4330				
5220	5.2	81.2 ^v	✓	✓
4340				
5220	+0.7	87.1 ^v	✓	✓
4330				
5210	1.8	84.6 ^v	✓	✓
4320				
5210	5.6	80.8 ^v	✓	✓
4310				
5210	8.9	77.5 ^v	✓	✓
4300				
5210	13.2	73.2 ^v	✓	✓
4290				
5210	18.2	68.2 ^v	✓	✓
4290				
5200	17.9	68.5 ^v	✓	✓
4300				
5200	12.2	74.2 ^v	✓	✓
4310				
5200	7.0	79.4 ^v	✓	✓
4320				
5200	3.4	83.0 ^v	✓	✓
4330				
5200	0.0	86.4 ^v	✓	✓
4330				
5190	0.1	86.3 ^v	✓	✓
4320				
5190	2.9	83.5 ^v	✓	✓

78641

4310	786.41	7.6	778.8 [✓]	✓	✓
6190					
4300		11.5	74.9 [✓]	✓	✓
5190					
4290		17.2	69.2 [✓]	✓	✓
5190					
4300		11.4	75.0 [✓]	✓	✓
5180					
4310		7.5	78.9 [✓]	✓	✓
5180					
4320		4.5	81.9 [✓]	✓	✓
5180					
4330		+0.6	87.0 [✓]	✓	✓
5180					
4330		2.2	84.2 [✓]	✓	✓
5170					
4320		4.7	81.7 [✓]	✓	✓
5170					
4310		9.4	77.0 [✓]	✓	✓
5170					
4300		13.5	72.9 [✓]	✓	✓
5170					
4280		21.5	64.9 [✓]	✓	✓
5160					
4290		16.5	69.9 [✓]	✓	✓
5160					
4300		11.8	74.6 [✓]	✓	✓
5160					
4310		7.2	79.2 [✓]	✓	✓
5160					
4320		2.2	84.2 [✓]	✓	✓
5160					
4310		3.7	82.7 [✓]	✓	✓
5150					
4300		8.6	77.8 [✓]	✓	✓
5150					
4290		15.0	71.4 [✓]	✓	✓
5150					
4280		20.1	66.3 [✓]	✓	✓
5150					
4280		19.9	66.5 [✓]	✓	✓
5140					
4290		12.8	73.6 [✓]	✓	✓
5140					
4300		6.3	80.1 [✓]	✓	✓
5140					
4310		1.9	84.5 [✓]	✓	✓
5140					
4310		3.5	82.9 [✓]	✓	✓
5130					

(mod)

78641

4300					
5130	8.8	777.6 ^v	✓	✓	
4290					
5130	14.9	71.5 ^v	✓	✓	
4280					
5120	18.0	68.4 ^v	✓	✓	
4290					
5120	11.8	74.6 ^v	✓	✓	
4300					
5120	5.7	80.7 ^v	✓	✓	
4310					
5120	0.0	86.4 ^v	✓	✓	
4300					
5110	2.8	83.6 ^v	✓	✓	
4290					
5110	7.7	78.7 ^v	✓	✓	
4280					
5110	16.1	70.3 ^v	✓	✓	
4250					
5100	22.4	64.0 ^v	✓	✓	
4260					
5100	19.3	67.1 ^v	✓	✓	
4270					
5100	16.7	69.7 ^v	✓	✓	
4280					
5100	13.0	73.4 ^v	✓	✓	
4290					
5100	7.5	78.9 ^v	✓	✓	
4300					
5100	0.9	85.5 ^v	✓	✓	
4300					
5090	1.3	85.1 ^v	✓	✓	
4290					
5090	5.2	81.2 ^v	✓	✓	
4280					
5090	8.2	78.2 ^v	✓	✓	
4270					
5090	11.8	74.6 ^v	✓	✓	
4260					
5090	14.8	71.6 ^v	✓	✓	
4250					
5090	18.0	68.4 ^v	✓	✓	
4240					
5090	20.9	65.5 ^v	✓	✓	
4230					
5080	20.0	66.4 ^v	✓	✓	
4240					
5080	17.1	69.3 ^v	✓	✓	

MBA

4250	786.41				
5080		14.3	772.1 ^v	✓	✓
4260					
5080		10.2	76.2 ^v	✓	✓
4270					
5080		7.2	792 ^v	✓	✓
4280					
5080		2.6	838 ^v	✓	✓
4290					
5080		0.0	86.4 ^v	✓	✓
4280					
5070		0.4	86.0 ^v	✓	✓
4270					
5070		2.5	839 ^v	✓	✓
4260					
5070		6.1	80.3 ^v	✓	✓
4250					
5070		8.9	77.5 ^v	✓	✓
4240					
5070		12.4	74.0 ^v	✓	✓
4230					
5070		16.0	70.4 ^v	✓	✓
4220					
5070		19.9	66.5 ^v	✓	✓
4210					
5060	786.4	20.5	65.9 ^v	✓	✓
4220					
5060		15.4	71.0 ^v	✓	✓
4230					
5060		12.3	74.1 ^v	✓	✓
4240					
5060		8.5	77.9 ^v	✓	✓
4250					
5060		5.5	80.9 ^v	✓	✓
4260					
5060		2.4	84.0 ^v	✓	✓
4260					
5050		10.2	86.6 ^v	✓	✓
4250					
5050		2.6	83.8 ^v	✓	✓
4240					
5050		6.0	80.4 ^v	✓	✓
4230					
5050		9.4	77.0 ^v	✓	✓
4220					
5050		12.6	73.8 ^v	✓	✓
4210					
5050		16.9	69.5 ^v	✓	✓
4210					
5040		13.1	73.3 ^v	✓	✓

(msd)

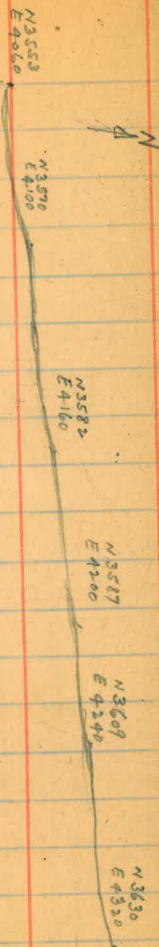
	805.04½				
4250					
5030		13.3	791.7 ^v	✓	✓
4260					
5030		10.8	94.2 ^v	✓	✓
4270					
5030		7.7	97.3 ^v	✓	✓
4280					
5030		5.1	99.9 ^v	✓	✓
4290					
5030		2.0	803.0 ^v	✓	✓
4300					
5040		0.1	04.9 ^v	✓	✓
4290					
5040		5.0	00.0 ^v	✓	✓
4280					
5040		8.0	797.0 ^v	✓	✓
4270					
5040		11.0	94.0 ^v	✓	✓
4260					
5040		15.7	89.3 ^v	✓	✓
4270					
5050		14.7	90.3 ^v	✓	✓
4280					
5050	805.0	10.7	94.3 ^v	✓	✓
4290					
5050		7.7	97.3 ^v	✓	✓
4300					
5050		5.9	99.1 ^v	✓	✓
4310					
5050		1.3	803.7 ^v	✓	✓
4310					
5060		4.7	00.3 ^v	✓	✓
4300					
5060		7.9	797.1 ^v	✓	✓
4290					
5060		12.4	92.6 ^v	✓	✓
4280					
5060		14.1	90.9 ^v	✓	✓
4270					
5060		17.2	87.8 ^v	✓	✓
4290					
5070		13.8	91.2 ^v	✓	✓
4300					
5070		10.7	94.3 ^v	✓	✓
4310					
5070		7.7	97.3 ^v	✓	✓
4320					
5070		3.2	801.8 ^v	✓	✓
4320					
5080		6.2	798.8 ^v	✓	✓

msd

	805.04%				
4310		11.2	793.8	✓	✓
5080					
4300		14.1	90.9	✓	✓
5080					
4300		18.5	86.5	✓	✓
5090					
4310		11.4	93.6	✓	✓
5090					
4320		4.6	800.4	✓	✓
5090					
4330		1.4	03.6	✓	✓
5100					
4320		5.8	799.2	✓	✓
5100					
4310		12.4	92.6	✓	✓
5100					
4300		19.4	85.6	✓	✓
5100					
4310		16.2	88.8	✓	✓
5110					
4320		10.9	94.1	✓	✓
5110					
4330		5.0	800.0	✓	✓
5110					
4340	805.0	1.9	03.1	✓	✓
5110					
4340		2.8	02.2	✓	✓
5120					
4330		9.5	795.5	✓	✓
5120					
4320		15.2	89.8	✓	✓
5120					
4320		14.7	90.3	✓	✓
5130					
4330		9.1	95.9	✓	✓
5130					
4340		4.0	801.0	✓	✓
5130					
4350		0.4	04.6	✓	✓
5140					
4340		5.1	799.9	✓	✓
5140					
4330		9.7	95.3	✓	✓
5140					
4320		15.0	90.0	✓	✓
5140					
4320		17.0	88.0	✓	✓
5150					
4330		12.8	92.2	✓	✓
5150					

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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 1:1, is 1.
 If ground is nearly level, the cut or fill at side
 stake is located by the double entry method in
 last column and top row. The number in

IMPROVED TABLES

AND

INFORMATION

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

26
14
100
25

18
5
230