

W344

226

344

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. 2. to Apr. 12, 1932.

Converse

Elliott Simpson

Soper Loudon

Shea Bailey

Walton

Continued from

805.04½

4340				
5150				
4350	8.4	796.6	✓	✓
5150	4.3	800.7	✓	✓
4360				
5150	1.0	04.0	✓	✓
4360				
5160	1.8	03.2	✓	✓
4350				
5160	8.2	796.8	✓	✓
4340				
5160	12.3	92.7	✓	✓
4330				
5160	16.3	88.7	✓	✓
4340				
5170	14.4	90.6	✓	✓
4350				
5170	8.8	96.2	✓	✓
4360				
5170	3.0	802.0	✓	✓
4360				
5180	0.9	04.1	✓	✓
4350				
5180	7.3	797.7	✓	✓
4340				
5180	12.3	92.7	✓	✓
4340				
5190	10.9	94.1	✓	✓
4350				
5190	4.9	800.1	✓	✓
4360				
5190	0.0	05.0	✓	✓
4360				
5200	2.3	02.7	✓	✓
4350				
5200	5.6	799.4	✓	✓
4340				
5200	12.3	92.7	✓	✓
4340				
5210	14.7	90.3	✓	✓
4350				
5210	9.1	95.9	✓	✓
4360				
5210	5.7	99.3	✓	✓
4370				
5210	3.6	801.4	✓	✓
4370				
5220	2.1	02.9	✓	✓
4360				
5220	6.5	798.5	✓	✓

Book 343

1

4/2/32. Elliott

Saper
Shca,
Walton.

805.04 1/2

4350				
5220	12.7	792.3	✓	✓
4340				
5230	15.0	90.0	✓	✓
4350				
5230	9.6	95.4	✓	✓
4360				
5230	4.1	800.9	✓	✓
4360				
5240	2.4	02.6	✓	✓
4350				
5240	9.0	796.0	✓	✓
4340				
5240	13.0	92.0	✓	✓
4340				
5250	13.3	91.7	✓	✓
4350				
5250	9.1	95.9	✓	✓
4360				
5250	3.7	801.3	✓	✓
4360				
5260	5.4	799.6	✓	✓
4350				
5260	11.2	93.8	✓	✓
4340				
5260	15.1	89.9	✓	✓
4350				
5270	14.0	91.0	✓	✓
4360				
5270	8.0	97.0	✓	✓
4370				
5270	1.6	803.4	✓	✓
4370				
5280	4.5	00.5	✓	✓
4360				
5280	10.7	794.3	✓	✓
4360				
5290	14.8	90.2	✓	✓
4370				
5290	8.9	96.1	✓	✓
4380				
5290	4.2	800.8	✓	✓
4390				
5300	2.9	02.1	✓	✓
4380				
5300	8.7	796.3	✓	✓
4370				
5300	13.7	91.3	✓	✓
4380				
5310	14.6	90.4	✓	✓

4390	805.04 $\frac{1}{2}$	6.5	798.5	✓	✓	✓
5310		0.0	805.0	✓	✓	✓
4400		5.5	799.5	✓	✓	✓
5320		12.7	92.3	✓	✓	✓
4390		13.4	91.6	✓	✓	✓
5330		9.0	96.0	✓	✓	✓
4400		1.0	804.0	✓	✓	✓
5330		6.3	798.7	✓	✓	✓
4410		11.3	93.7	✓	✓	✓
5340		18.0	87.0	✓	✓	✓
4400		13.9	91.1	✓	✓	✓
5350	805.0	5.6	99.4	✓	✓	✓
4420		2.4	802.6	✓	✓	✓
5350		8.4	796.6	✓	✓	✓
4430		11.5	93.5	✓	✓	✓
5360		21.3	83.7	✓	✓	✓
4420		20.6	84.4	✓	✓	✓
5360		18.9	86.1	✓	✓	✓
4410		13.5	91.5	✓	✓	✓
5360		5.7	99.3	✓	✓	✓
4400		12.0	807.0	✓	✓	✓
5370		3.8	01.2	✓	✓	✓
4430		7.3	997.7	✓	✓	✓
5370		13.4	91.6	✓	✓	✓
4420		18.8	86.2	✓	✓	✓
5380						
4420						
5380						
4410						
5380						
4400						
5380						
4390						
5380						

	805.04 $\frac{1}{2}$				
4380		18.7	786.3	✓	✓
5390		14.2	90.8	✓	✓
4390		11.1	99.9	✓	✓
5390		3.7	801.3	✓	✓
4410		10.5	05.5	✓	✓
5390		0.9	04.1	✓	✓
4420		5.6	799.4	✓	✓
5390		10.9	94.1	✓	✓
4410		14.6	90.4	✓	✓
5400		18.1	86.9	✓	✓
4400		13.9	91.1	✓	✓
5400		9.8	95.2	✓	✓
4390	805.0	4.5	800.5	✓	✓
5400		0.6	04.4	✓	✓
4390		2.9	02.1	✓	✓
5420		6.9	798.1	✓	✓
4380		11.4	99.6	✓	✓
5420		16.3	88.7	✓	✓
4360		13.7	91.3	✓	✓
5420		9.5	95.5	✓	✓
4360		5.6	99.4	✓	✓
5430		0.9	804.1	✓	✓
4370		4.1	00.9	✓	✓
5430		8.5	796.5	✓	✓
4380		12.2	92.8	✓	✓
5440					
4370					
5440					
4360					
5440					

805.04%

4350					
5440			18.0	787.0	✓ ✓
4340					
5450			21.9	83.1	✓ ✓
4360					
5450			17.3	87.7	✓ ✓
4370					
5450			13.3	91.7	✓ ✓
4380					
5450			9.5	95.5	✓ ✓
4390					
5450			4.4	800.6	✓ ✓
4380					
5460			6.9	798.1	✓ ✓
4370					
5460			12.3	92.7	✓ ✓
4360					
5460			16.2	88.8	✓ ✓
4350					
5460			20.5	84.5	✓ ✓
4340					
5460			25.5	79.5	✓ ✓
4350					
5470			21.1	83.9	✓ ✓
4360					
5470			17.1	87.9	✓ ✓
4370					
5470			9.4	95.6	✓ ✓
T.P.			1.44	803.60%	✓

Rock N 4380
E 5450

	12.43	816.03%			
T.P.	11.79	821.82%			
4380			6.00	810.03%	✓
5470			26.1	795.7	✓ ✓
4390					
5470			21.4	800.4	✓ ✓
4400					
5470			13.1	08.7	✓ ✓
4410					
5470			9.9	11.9	✓ ✓
4420					
5470			6.0	15.8	✓ ✓
4430					
5470			3.7	18.1	✓ ✓
4420					
5460			0.5	21.3	✓ ✓
4410					
5460			6.5	15.3	✓ ✓

	821.82½			
4400				
5460				
4390	11.2	810.6	✓	✓
5460	16.5	05.3	✓	✓
4400				
5450	11.5	10.3	✓	✓
4410				
5450	6.4	15.4	✓	✓
4410				
5440	6.1	15.7	✓	✓
4400				
5440	11.3	10.5	✓	✓
4390				
5440	15.6	06.2	✓	✓
4400				
5430	12.0	09.8	✓	✓
4410				
5430	6.3	15.5	✓	✓
4420				
5430	0.6	21.2	✓	✓
4420				
5420	3.3	18.5	✓	✓
4410				
5420	9.7	12.1	✓	✓
4400				
5420	821-8	15.0	06.8	✓
4410				✓
5410	15.1	06.7	✓	✓
4420				
5410	8.4	13.4	✓	✓
4430				
5410	3.1	18.7	✓	✓
4440				
5400	2.6	19.2	✓	✓
4430				
5400	8.7	13.1	✓	✓
4420				
5400	14.1	07.7	✓	✓
4430				
5390	12.0	09.8	✓	✓
4440				
5390	5.2	16.6	✓	✓
4450				
5390	1.6	20.2	✓	✓
4460				
5380	0.8	21.0	✓	✓
4450				
5380	6.6	15.2	✓	✓
4440				
5380	11.2	10.6	✓	✓

	821.82%				
4440					
5370		15.2	806.6	✓	✓
4450					
5370		8.3	13.5	✓	✓
4460					
5370		6.1	15.7	✓	✓
4470					
5370		0.4	21.4	✓	✓
4460					
5360		4.4	17.4	✓	✓
4450					
5360		14.4	07.4	✓	✓
4440					
5360		17.9	03.9	✓	✓
4440					
5350		12.4	09.4	✓	✓
4450					
5350		5.9	15.9	✓	✓
4460					
5350		11.2	23.0	✓	✓
4450					
5340		0.0	21.8	✓	✓
4440					
5340		4.7	17.1	✓	✓
4430					
5340	821.8	10.8	11.0	✓	✓
4420					
5340		16.1	05.7	✓	✓
4420					
5330		11.4	10.4	✓	✓
4430					
5330		5.8	16.0	✓	✓
4430					
5320		0.1	21.7	✓	✓
4420					
5320		6.5	15.3	✓	✓
4410					
5320		14.0	07.8	✓	✓
4410					
5310		11.6	10.2	✓	✓
4420					
5310		4.9	16.9	✓	✓
4420					
5300		1.2	20.6	✓	✓
4410					
5300		6.1	15.7	✓	✓
4400					
5300		12.4	09.4	✓	✓
4390					
5290		13.7	08.1	✓	✓

	821.82½			
4400				
5290		6.4	815.4	✓ ✓ ✓
4410				
5290		3.0	18.8	✓ ✓ ✓
4410				
5280		0.4	21.4	✓ ✓ ✓
4400				
5280		4.7	17.1	✓ ✓ ✓
4390				
5280		10.5	11.3	✓ ✓ ✓
4380				
5280		15.7	06.1	✓ ✓ ✓
4380				
5270		12.2	09.6	✓ ✓ ✓
4390				
5270		7.3	14.5	✓ ✓ ✓
4400				
5270		1.7	20.1	✓ ✓ ✓
4390				
5260		4.2	17.6	✓ ✓ ✓
4380				
5260		10.0	11.8	✓ ✓ ✓
4370				
5260	821.8	15.7	06.1	✓ ✓ ✓
4370				
5250		14.3	07.5	✓ ✓ ✓
4380				
5250		8.8	13.0	✓ ✓ ✓
4390				
5250		2.7	19.1	✓ ✓ ✓
4390				
5240		4.4	17.4	✓ ✓ ✓
4380				
5240		8.9	12.9	✓ ✓ ✓
4370				
5240		14.0	07.8	✓ ✓ ✓
4370				
5230		14.5	07.3	✓ ✓ ✓
4380				
5230		9.9	11.9	✓ ✓ ✓
4390				
5230		3.4	18.4	✓ ✓ ✓
4390				
5220		4.5	17.3	✓ ✓ ✓
4380				
5220		10.2	11.6	✓ ✓ ✓
4380				
5210		9.8	12.0	✓ ✓ ✓
4390				
5210		6.0	15.8	✓ ✓ ✓

	821.82½				
4400					
5210		+0.2	822.0	✓	✓
4390					
5200		2.7	19.1	✓	✓
4380					
5200		7.1	13.7	✓	✓
4370					
5200		11.5	10.3	✓	✓
4370					
5190		12.1	09.7	✓	✓
4380					
5190		6.7	15.1	✓	✓
4390					
5190		1.4	20.4	✓	✓
4390					
5180		1.7	20.1	✓	✓
4380					
5180		6.7	15.1	✓	✓
4370					
5180		11.6	10.2	✓	✓
4370					
5170		14.3	07.5	✓	✓
4380					
5170	821.8	6.9	14.9	✓	✓
4390					
5170		1.2	20.6	✓	✓
4390					
5160		0.1	21.7	✓	✓
4380					
5160		6.2	15.6	✓	✓
4370					
5160		12.9	08.9	✓	✓
4370					
5150		10.4	11.4	✓	✓
4380					
5150		5.4	16.4	✓	✓
4380					
5140		1.9	19.9	✓	✓
4370					
5140		6.6	15.2	✓	✓
4360					
5140		13.5	08.3	✓	✓
4350					
5130		13.3	08.5	✓	✓
4360					
5130		8.9	12.9	✓	✓
4370					
5130		4.8	17.0	✓	✓
4370					
5120		3.3	18.5	✓	✓

	821.82 1/2				
4360		8.1	813.7	✓	✓
5120					
4350		13.4	08.4	✓	✓
5120					
4350		11.8	10.0	✓	✓
5110					
4360		6.7	15.1	✓	✓
5110					
4370		1.8	20.0	✓	✓
5110					
4360		4.4	17.4	✓	✓
5100					
4350		8.4	13.4	✓	✓
5100					
4340		14.4	07.4	✓	✓
5100					
4330		16.9	04.9	✓	✓
5090					
4340		11.3	10.5	✓	✓
5090					
4350		4.7	17.1	✓	✓
5090					
4360	821.8	1.6	20.2	✓	✓
5090					
4350		4.1	17.7	✓	✓
5080					
4340		10.5	11.3	✓	✓
5080					
4330		16.2	05.6	✓	✓
5080					
4330		15.0	06.8	✓	✓
5070					
4340		9.4	12.4	✓	✓
5070					
4350		4.2	17.6	✓	✓
5070					
4350		2.0	19.8	✓	✓
5060					
4340		6.4	15.4	✓	✓
5060					
4330		11.3	10.5	✓	✓
5060					
4320		14.2	07.6	✓	✓
5060					
4320		10.9	10.9	✓	✓
5050					
4330		7.2	14.6	✓	✓
5050					
4340		3.9	17.9	✓	✓
5050					

w.H.S.

Elliott - Notes
 Soper - Level
 Shea - Rod
 Walton - Tape

		821.82 1/2				
4350			0.7	821.1	✓	✓
5050						
4340			1.4	20.4	✓	✓
5040						
4330			5.0	16.8	✓	✓
5040						
4320			7.5	14.3	✓	✓
5040						
4310			12.7	09.1	✓	✓
5040						
4300			16.6	05.2	✓	✓
5040						
T. P.	2.78	821.44 1/2	3.16	818.66 1/2		
4330			4.4	17.0	✓	✓
5030						
4320			6.6	14.8	✓	✓
5030						
4310			9.9	11.5	✓	✓
5030						
4300			13.1	08.3	✓	✓
5030						
4290			15.0	06.4	✓	✓
5020						
4300			11.6	09.8	✓	✓
5020						
4310			8.1	13.9	✓	✓
5020						
4320			5.3	16.1	✓	✓
5020						
4330			3.9	17.5	✓	✓
5020						
4330			3.9	17.5	✓	✓
5010						
4320			6.2	15.2	✓	✓
5010						
4310			7.9	13.5	✓	✓
5010						
4300			10.1	11.3	✓	✓
5010						
4290			13.2	08.2	✓	✓
5010						
4280			18.6	02.8	✓	✓
5010						
4370			1.4	20.0	✓	✓
5000						
4360			2.8	18.6	✓	✓
5000						
4350			4.0	17.4	✓	✓
5000						

Rock ⁴³³⁰ 5030

End day April 6 - 1932

Start day April 7 - 1932

W.H.S.

		821.44½				
4340			5.6	815.8	✓	✓
5000						
4330			5.9	15.5	✓	✓
5000						
4320			6.9	14.5	✓	✓
5000						
4310			8.8	12.6	✓	✓
5000						
4300			10.8	10.6	✓	✓
5000						
4290			12.6	08.8	✓	✓
5000						
T.P.	0.09	809.43½	12.10	809.34½		
Check			9.04	800.37½	Record	
4280						
5000			5.5	03.9	✓	✓
4270						
5000			7.2	02.2	✓	✓
4260						
5000			9.4	800.0	✓	✓
4250						
5000			11.1	798.3	✓	✓
4240						
5000			12.5	96.9	✓	✓

Rock 2'E of 4240 Set by Simpson Book 343.

T.P.	12.19½	830.86		818.66½		
T.P.	7.75	837.57	1.04	829.82		
4420			5.4	32.2	✓	✓
5000						
4410			9.0	28.6	✓	✓
5000						
4400			10.0	27.6	✓	✓
5000						
4390			13.5	24.1	✓	✓
5000						
4380			14.8	22.8	✓	✓
5000						
4340			19.2	18.4	✓	✓
5010						
4350			17.6	20.0	✓	✓
5010						
4360			15.6	22.0	✓	✓
5010						
4370			13.5	24.1	✓	✓
5010						

N4330
Rock E5030

W.H.S.

837.57.

4380				
5010				
4390	11.2	826.4	✓	✓
5010	9.5	28.1	✓	✓
4400	7.1	30.5	✓	✓
5010	4.8	32.8	✓	✓
4410	1.3	36.3	✓	✓
5010	1.8	35.8	✓	✓
4420	3.6	34.0	✓	✓
5010	7.0	30.6	✓	✓
4470	9.0	28.6	✓	✓
5020	12.9	24.7	✓	✓
4400	14.4	23.2	✓	✓
5020	15.7	21.9	✓	✓
4390	17.9	19.7	✓	✓
5020	16.5	21.1	✓	✓
4380	14.8	22.8	✓	✓
5020	14.0	23.6	✓	✓
4370	9.7	27.9	✓	✓
5020	7.4	30.2	✓	✓
4340	5.0	32.6	✓	✓
5020	1.9	35.7	✓	✓
4340	1.1	36.5	✓	✓
5030	4.0	33.6	✓	✓
4360	6.6	31.0	✓	✓
5030	10.8	26.8	✓	✓
4370	13.3	24.3	✓	✓
5040				

W.K.S.

6.
837.57

4350					
5040	15.3	822.3	✓	✓	
4360					
5050	13.2	24.4	✓	✓	
4370					
5050	9.3	28.3	✓	✓	
4380					
5050	6.2	31.4	✓	✓	
4390					
5050	3.0	34.6	✓	✓	
4400					
5050	0.3	37.3	✓	✓	
4400					
5060	0.0	37.6	✓	✓	
4390					
5060	3.0	34.6	✓	✓	
4380					
5060	6.2	31.4	✓	✓	
4370					
5060	10.1	27.5	✓	✓	
4360					
5060	13.3	24.3	✓	✓	
4360					
5070	13.4	24.2	✓	✓	
4370					
5070	9.0	28.6	✓	✓	
4380					
5070	6.4	31.2	✓	✓	
4390					
5070	3.0	34.6	✓	✓	
4400					
5070	0.2	37.4	✓	✓	
4400					
5080	0.4	39.2	✓	✓	
4390					
5080	4.1	33.5	✓	✓	
4380					
5080	7.1	30.5	✓	✓	
4370					
5080	10.6	27.0	✓	✓	
4360					
5080	14.9	22.7	✓	✓	
4370					
5090	12.8	24.8	✓	✓	
4380					
5090	8.5	29.1	✓	✓	
4390					
5090	5.0	32.6	✓	✓	
4400					
5090	2.0	35.6	✓	✓	

W.A.S.

16
837.57

4400					
5100	3.1	834.5	✓	✓	
4390					
5100	7.0	30.6	✓	✓	
4380					
5100	11.1	26.5	✓	✓	
4370					
5100	15.4	22.2	✓	✓	
4380					
5110	13.3	24.3	✓	✓	
4390					
5110	8.2	29.4	✓	✓	
4400					
5110	4.2	33.4	✓	✓	
4410					
5120	1.0	36.6	✓	✓	
4400					
5120	5.2	32.4	✓	✓	
4390					
5120	10.3	27.3	✓	✓	
4380					
5120	14.2	23.4	✓	✓	
4380					
5130	15.4	22.2	✓	✓	
4390					
5130	10.8	26.8	✓	✓	
4400					
5130	6.5	31.1	✓	✓	
4410					
5130	1.8	35.8	✓	✓	
4410					
5140	2.5	35.1	✓	✓	
4400					
5140	7.4	28.2 30.2	✓	✓	
4390					
5140	12.7	24.7	✓	✓	
4390					
5150	13.7	23.9	✓	✓	
4400					
5150	8.7	28.9	✓	✓	
4410					
5150	4.4	33.2	✓	✓	
4410					
5160	5.0	32.6	✓	✓	
4400					
5160	9.8	27.8	✓	✓	
4400					
5170	10.0	27.6	✓	✓	
4410					
5170	4.1	33.5	✓	✓	

W.H.S.

.6
837.57

4420					
5180					
4410					
5180		4.5	33.1	✓	✓
4400					
5180		7.2	30.4	✓	✓
4400					
5190		9.9	27.7	✓	✓
4410					
5190		4.6	33.0	✓	✓
4420					
5190		0.0	37.6	✓	✓
4420					
5200		1.3	36.3	✓	✓
4410					
5200		6.7	30.9	✓	✓
4400					
5200		12.9	24.7	✓	✓
4410					
5210		6.9	30.7	✓	✓
4420					
5210		1.9	35.7	✓	✓
4420					
5220		0.7	36.9	✓	✓
4410					
5220		6.1	31.5	✓	✓
4400					
5220		13.1	24.5	✓	✓
4400					
5230		13.0	24.6	✓	✓
4410					
5230		5.7	31.9	✓	✓
4420					
5230		0.3	37.3	✓	✓
4410					
5240		6.5	31.1	✓	✓
4400					
5240		12.7	24.9	✓	✓
4400					
5250		13.5	24.1	✓	✓
4410					
5250		6.7	30.9	✓	✓
4420					
5260		0.3	37.3	✓	✓
4410					
5260		5.0	32.6	✓	✓
4400					
5260		15.5	22.1	✓	✓

W.K.S.

April 17 - 1932
 Elliott - Notes
 Saper - Levels
 Shea - Rod
 Wallen - Tape

17

	16					
	837.57					
4410						
5270			11.4	826.2	✓	✓
4420						
5270			5.0	32.6	✓	✓
4430						
5280			1.3	36.3	✓	✓
4420						
5280			8.6	29.0	✓	✓
4420						
5290			12.1	25.5	✓	✓
4430						
5290			4.9	32.7	✓	✓
4430						
5300			11.4	26.2	✓	✓
T.P.	6.64	838.43	5.78	831.79		
4440						
5300			4.9	33.5	✓	✓
4450						
5310			0.6	37.8	✓	✓
4440						
5310			6.6	31.8	✓	✓
4430						
5310			15.7	22.7	✓	✓
4440						
5320			11.5	26.9	✓	✓
4450						
5320			4.5	33.9	✓	✓
4460						
5330			3.5	34.9	✓	✓
4450						
5330			9.1	29.3	✓	✓
4440						
5330			15.5	22.9	✓	✓
4460						
5340			9.4	29.0	✓	✓
4470						
5340			3.5	34.9	✓	✓
4480						
5350			0.2	38.2	✓	✓
4470						
5350			8.5	29.9	✓	✓
4470						
5360			12.5	25.9	✓	✓
4480						
5360			5.1	33.3	✓	✓
4480						
5370			9.4	29.0	✓	✓
4490						
5370			5.3	33.1	✓	✓

W.A.S.

838.43

4500				
5380	5.7	832.7	✓	✓
4490				
5380	10.7	27.7	✓	✓
4480				
5380	12.2	26.2	✓	✓
4470				
5380	15.0	23.4	✓	✓
4460				
5390	12.9	25.5	✓	✓
4470				
5390	9.8	28.6	✓	✓
4480				
5390	5.1	33.3	✓	✓
4490				
5390	2.3	36.1	✓	✓
4500				
5390	2.3	36.1	✓	✓
4510				
5390	+1.9	40.3	✓	✓
4500				
5400	+3.7	42.1	✓	✓
4490				
5400	+1.7	40.1	✓	✓
4480				
5400	1.0	37.4	✓	✓
4470				
5400	5.1	33.3	✓	✓
4460				
5400	7.6	30.8	✓	✓
4450				
5400	14.4	24.0	✓	✓
4440				
5410	16.0	22.4	✓	✓
4450				
5410	8.5	29.9	✓	✓
4460				
5410	4.4	34.0	✓	✓
4470				
5410	+0.5	38.9	✓	✓
4460				
5420	+0.6	39.0	✓	✓
4450				
5420	4.4	34.0	✓	✓
4440				
5420	9.7	28.7	✓	✓
4430				
5420	15.3	23.1	✓	✓
4430				
5430	13.6	24.8	✓	✓

L.H.S.

838.43

4440					
5430			7.9	830.5	✓ ✓
4450			3.7	34.7	✓ ✓
5430					
4460			11.0	39.4	✓ ✓
5430					
4460			10.2	38.6	✓ ✓
5440					
4450			3.9	34.5	✓ ✓
5440					
4440			7.9	30.5	✓ ✓
5430					
4440			11.4	27.0	✓ ✓
5440					
4420			14.8	23.6	✓ ✓
5440					
4420			15.3	23.1	✓ ✓
5450					
4430			11.5	26.9	✓ ✓
5450					
4440			8.4	30.0	✓ ✓
5450					
4450			5.4	33.0	✓ ✓
5450					
4460			0.0	38.4	✓ ✓
5450					
4460			0.0	38.4	✓ ✓
5460					
4450			6.3	32.1	✓ ✓
5460					
4440			9.8	28.6	✓ ✓
5460					
4430			12.2	26.2	✓ ✓
5460					
4440			15.1	23.3	✓ ✓
5470					
4450			10.7	27.7	✓ ✓
5470					
4460			3.8	34.6	✓ ✓
5470					
T.P.	12.91	850.79	0.55	837.88	
T.P.	10.76	856.67	4.88	845.91	
4470					
5470			16.9	39.8	✓ ✓
4480					
5470			11.6	45.1	✓ ✓
4490					
5470			5.9	50.8	✓ ✓

WHS

N 4455
Track E 5435

856.67

4500				
5470	2.0	854.7	✓ ✓	
4490				
5460	4.0	52.7	✓ ✓	
4480				
5460	8.5	48.2	✓ ✓	
4470				
5460	15.0	41.7	✓ ✓	
4470				
5460	13.0	43.7	✓ ✓	
4480				
5450	7.7	49.0	✓ ✓	
4490				
5450	3.6	53.1	✓ ✓	
4490				
5440	3.8	52.9	✓ ✓	
4480				
5440	8.3	48.4	✓ ✓	
4470				
5440	13.5	43.2	✓ ✓	
4470				
5430	13.5	43.2	✓ ✓	
4480				
5430	856.7	9.2	47.5	✓ ✓
4490				
5430	4.7	52.0	✓ ✓	
4500				
5430	0.6	56.1	✓ ✓	
4500				
5420	2.9	53.8	✓ ✓	
4510				
5420	2.5	54.2	✓ ✓	
4490				
5420	6.4	50.3	✓ ✓	
4480				
5420	10.0	46.7	✓ ✓	
4470				
5420	13.8	42.9	✓ ✓	
4480				
5410	14.7	42.0	✓ ✓	
4490				
5410	12.3	44.4	✓ ✓	
4500				
5410	7.7	49.0	✓ ✓	
4510				
5410	6.3	50.4	✓ ✓	
4520				
5410	5.1	51.6	✓ ✓	
4530				
5410	0.8	55.9	✓ ✓	

W.N.S.

7
856.67

4530					
5400	3.0	853.7	✓	✓	
4520					
5400	11.7	45.0	✓	✓	
4510					
5400	14.7	42.0	✓	✓	
4520					
5390	14.8	42.2	✓	✓	
4530					
5390	10.8	45.9	✓	✓	
4540					
5390	4.4	52.3	✓	✓	
4540					
5380	0.7	56.0	✓	✓	
4530					
5380	8.5	48.2	✓	✓	
4520					
5380	8.5 ^{or}	48.2	✓	✓	
4510					
5380	14.4	42.3	✓	✓	
4500					
5370	15.6	41.1	✓	✓	
4510					
5370	9.8	46.9	✓	✓	
4520					
5370	4.6	52.1	✓	✓	
4520					
5360	+0.2	56.9	✓	✓	
4510					
5360	7.4	49.3	✓	✓	
4500					
5360	11.6	45.1	✓	✓	
4490					
5360	16.7	40.0	✓	✓	
4490					
5350	13.4	43.3	✓	✓	
4500					
5350	8.5	48.2	✓	✓	
4510					
5350	1.0	55.7	✓	✓	
4500					
5340	3.7	53.0	✓	✓	
4490					
5340	8.7	48.0	✓	✓	
4480					
5340	13.8	42.9	✓	✓	
4470					
5330	15.7	41.0	✓	✓	
4480					
5330	10.5	46.2	✓	✓	

W.A.S.

		7				
		856.67				
4490			4.8	851.9	✓	✓
5330						
4480			5.8	50.9	✓	✓
5320						
4470			11.0	45.7	✓	✓
5320						
4460			16.1	40.6	✓	✓
5320						
4460			11.1	45.6	✓	✓
5310						
4470			6.3	50.4	✓	✓
5310						
4480			+1.0	57.7	✓	✓
5310						
4470			1.4	55.3	✓	✓
5300						
4460			6.9	49.8	✓	✓
5300						
4450			14.8	41.9	✓	✓
5300						
4440			19.1	37.6	✓	✓
5290						
4450			12.8	43.9	✓	✓
5290						
4460			4.6	52.1	✓	✓
5290						
4460			1.5	55.2	✓	✓
5280						
4450			6.4	50.3	✓	✓
5280						
4440			15.7	41.0	✓	✓
5280						
4430			16.9	39.8	✓	✓
5270						
4440			7.3	49.4	✓	✓
5270						
4450			4.5	52.2	✓	✓
5270						
T.P.	4.80	854.51	6.96	849.71		
4450			1.9	52.6	✓	✓
5260						
4440			6.3	48.2	✓	✓
5260						
4430			12.4	42.1	✓	✓
5260						
4420			16.0	38.5	✓	✓
5250						
4430			10.8	43.7	✓	✓
5250						

W.H.S.

4440	854.51	5.6	848.9	✓	✓
5250					
4450		0.4	54.1	✓	✓
5250					
4450		+0.2	54.7	✓	✓
5240					
4440		4.5	50.0	✓	✓
5240					
4430		10.5	44.0	✓	✓
5240					
4420		13.7	40.8	✓	✓
5240					
4430		8.9	45.6	✓	✓
5230					
4440		5.9	48.6	✓	✓
5230					
4450		0.4	54.1	✓	✓
5230					
4450		1.2	53.3	✓	✓
5220					
4440		6.8	47.7	✓	✓
5220					
4430		12.4	42.1	✓	✓
5220					
4430		14.6	39.9	✓	✓
5210					
4440	854.5	9.4	45.1	✓	✓
5210					
4450		2.3	52.2	✓	✓
5210					
4450		1.0	53.5	✓	✓
5200					
4440		7.4	47.1	✓	✓
5200					
4430		13.5	41.0	✓	✓
5200					
4430		11.1	43.4	✓	✓
5190					
4440		4.8	49.7	✓	✓
5190					
4440		2.0	52.5	✓	✓
5180					
4430		11.3	43.2	✓	✓
5180					
4420		17.0	37.5	✓	✓
5170					
4430		10.5	44.0	✓	✓
5170					
4440		1.6	52.9	✓	✓
5170					

W.K.S.

854.51

4440					
5160					
4430					
5160					
4420					
5160					
4420					
5150					
4430					
5150					
4440					
5150					
4440					
5140					
4430					
5140					
4420					
5140					
4420					
5130					
4430					
5130					
4440					
5130					
4430					
5120					
4420					
5120					
4410					
5110					
4420					
5110					
4430					
5110					
4440					
5100					
4430					
5100					
4420					
5100					
4410					
5100					
4410					
5090					
4420					
5090					
4430					
5090					

1.3	853.2	✓	✓
7.8	46.7	✓	✓
14.2	40.3	✓	✓
12.6	41.9	✓	✓
6.9	47.6	✓	✓
2.5	52.0	✓	✓
1.7	52.8	✓	✓
6.6	47.9	✓	✓
12.7	41.8	✓	✓
13.1	41.4	✓	✓
7.6	46.9	✓	✓
0.3	54.2	✓	✓
7.1	47.4	✓	✓
14.0	40.5	✓	✓
16.2	38.3	✓	✓
11.4	43.1	✓	✓
6.5	48.0	✓	✓
1.4	53.1	✓	✓
1.6	52.9	✓	✓
6.8	47.7	✓	✓
10.8	43.7	✓	✓
16.4	38.1	✓	✓
16.0	38.5	✓	✓
11.1	43.4	✓	✓
7.0	47.5	✓	✓

WAS.

April 17 - 1932
 Elliott - Notes
 Soper - level
 Shea - Rod
 Walton - Tape

25

		854.51			
4440			3.0	851.5	✓ ✓ ✓
5090					
4440			2.6	51.9	✓ ✓ ✓
5080					
4430			7.0	47.5	✓ ✓ ✓
5080					
4420			10.6	43.9	✓ ✓ ✓
5080					
4410			13.9	40.6	✓ ✓ ✓
5080					
4410			13.2	41.3	✓ ✓ ✓
5070					
4420			10.3	44.2	✓ ✓ ✓
5070					
T.P.	1.41	855.87	0.05	854.46	
4430			9.5	46.4	✓ ✓ ✓
5070					
4440			7.1	48.8	✓ ✓ ✓
5070					
4450			1.5	54.4	✓ ✓ ✓
5070					
4450			2.6	53.3	✓ ✓ ✓
5060					
4440			6.1	49.8	✓ ✓ ✓
5060					
4430			9.4	46.5	✓ ✓ ✓
5060					
4420			11.7	44.2	✓ ✓ ✓
5060					
4410			15.4	40.5	✓ ✓ ✓
5060					
4410			15.4	40.5	✓ ✓ ✓
5050					
4420			12.3	43.6	✓ ✓ ✓
5050					
4430			9.0	46.9	✓ ✓ ✓
5050					
4440			6.2	49.7	✓ ✓ ✓
5050					
4450			2.8	53.1	✓ ✓ ✓
5050					
4460			+0.3	56.2	✓ ✓ ✓
5050					
4460			1.6	54.3	✓ ✓ ✓
5040					
4450			4.5	51.4	✓ ✓ ✓
5040					
4440			6.6	49.3	✓ ✓ ✓
5040					

W.H.S.

9

855.87

4430					
5040		10.7	845.2	✓	✓
4420					
5040		14.9	41.0	✓	✓
4410					
5040		16.5	39.4	✓	✓
4410					
5030		18.3	37.6	✓	✓
4420					
5030		15.7	40.2	✓	✓
4430					
5030		11.8	44.1	✓	✓
4440					
5030		7.7	48.2	✓	✓
4450					
5030		5.4	50.5	✓	✓
4460					
5030		2.5	53.4	✓	✓
4470					
5030		0.6	55.3	✓	✓
4490					
5020		0.0	55.9	✓	✓
4480					
5020	855.9	1.1	54.8	✓	✓
4470					
5020		3.3	52.6	✓	✓
4460					
5020		5.4	50.5	✓	✓
4450					
5020		8.3	47.6	✓	✓
4440					
5020		11.6	44.3	✓	✓
4430					
5020		13.4	42.5	✓	✓
4420					
5020		17.5	38.4	✓	✓
4430					
5010		15.6	40.3	✓	✓
4440					
5010		15.6	40.3	✓	✓
4450					
5010		11.5	44.4	✓	✓
4460					
5010		9.2	46.7	✓	✓
4470					
5010		7.4	48.5	✓	✓
4480					
5010		6.2	49.7	✓	✓
4490					
5010		4.7	51.2	✓	✓

W.H.S.

9

855.87

4500					
5010			1.9	854.0	✓ ✓
4520					
5000			5.5	50.4	✓ ✓
4510					
5000			6.6	49.3	✓ ✓
4500					
5000			8.2	47.7	✓ ✓
4490					
5000			10.8	45.1	✓ ✓
4480					
5000			12.9	43.0	✓ ✓
4470					
5000			13.0	42.9	✓ ✓
4460					
5000			13.5	42.4	✓ ✓
4450					
5000			15.3	40.6	✓ ✓
4440					
5000			17.3	38.6	✓ ✓
4430					
5000			17.2	38.7	✓ ✓
T.P.	12.74	866.46	2.15	853.72	✓
T.P.	12.48	873.59	5.35	861.11	✓
4530					
5000			17.4	56.2	✓ ✓
4540					
5000			12.1	61.5	✓ ✓
4550					
5000			9.4	64.2	✓ ✓
4560					
5000			6.1	67.5	✓ ✓
4570					
5000			5.3	68.3	✓ ✓
4580					
5000			3.6	70.0	✓ ✓
4560					
5010			1.1	72.5	✓ ✓
4550					
5010			4.5	69.1	✓ ✓
4540					
5010			7.7	65.9	✓ ✓
4530					
5010			12.0	61.6	✓ ✓
4520					
5010			14.8	58.8	✓ ✓
4510					
5010			18.2	55.4	✓ ✓

W.H.S.

6

873.59

4500					
5020		13.3	860.3	✓	✓
4510					
5020		11.8	61.8	✓	✓
4520					
5020		6.2	67.4	✓	✓
4530					
5020		5.7	67.9	✓	✓
4540					
5020		4.0	69.6	✓	✓
4520					
5030		2.0	71.6	✓	✓
4510					
5030		7.8	65.8	✓	✓
4500					
5030		10.7	62.9	✓	✓
4490					
5030		14.8	58.8	✓	✓
4480					
5030		16.4	57.2	✓	✓
4470					
5040		16.6	57.0	✓	✓
4480					
5040	873.6	12.6	61.0	✓	✓
4490					
5040		9.6	64.0	✓	✓
4500					
5040		5.9	67.7	✓	✓
4510					
5040		2.0	71.6	✓	✓
4510					
5050		1.5	72.1	✓	✓
4500					
5050		3.8	69.8	✓	✓
4490					
5050		7.2	66.4	✓	✓
4480					
5050		10.1	63.5	✓	✓
4470					
5050		12.9	60.7	✓	✓
4460					
5060		15.5	58.1	✓	✓
4470					
5060		10.7	62.9	✓	✓
4480					
5060		6.9	66.7	✓	✓
4490					
5060		4.0	69.6	✓	✓
4500					
5060		0.9	72.7	✓	✓

W.H.S.

6

873.59

4490					
5070					
4480		0.9	872.7	✓	✓
5070		4.7	68.9	✓	✓
4470					
5070		7.6	66.0	✓	✓
4460					
5070		12.8	60.8	✓	✓
4450					
5080		17.9	55.7	✓	✓
4460					
5080		11.8	61.8	✓	✓
4470					
5080		6.4	67.2	✓	✓
4480					
5080		3.4	70.2	✓	✓
4480					
5090		1.1	72.5	✓	✓
4470					
5090		5.1	68.5	✓	✓
4460					
5090		11.5	62.1	✓	✓
4450					
5090		17.3	56.3	✓	✓
4450					
5100		15.0	58.6	✓	✓
4460					
5100		9.2	64.4	✓	✓
4470					
5100		4.1	69.5	✓	✓
T.P	7.56	875.93	5.22	868.37	✓
4480					
5110		1.3	74.6	✓	✓
4470					
5110		5.9	70.0	✓	✓
4460					
5110		10.0	65.9	✓	✓
4450					
5110		15.6	60.3	✓	✓
4440					
5120		20.8	55.1	✓	✓
4450					
5120		15.9	60.0	✓	✓
4460					
5120		10.1	65.8	✓	✓
4470					
5120		4.6	71.3	✓	✓
4470					
5130		2.5	73.4	✓	✓

W.H.S.

	875.93				
4460					
5130		9.8	866.1	✓	✓
4450					
5130		15.0	60.9	✓	✓
4450					
5140		15.4	60.5	✓	✓
4460					
5140		8.3	67.6	✓	✓
4470					
5140		3.3	72.6	✓	✓
4470					
5150		1.4	74.5	✓	✓
4460					
5150		9.2	66.7	✓	✓
4450					
5150		15.3	60.6	✓	✓
4450					
5160		15.8	60.1	✓	✓
4460					
5160		9.0	66.9	✓	✓
4470					
5160		3.0	72.9	✓	✓
4470					
5170		3.4	72.5	✓	✓
4460					
5170	875.9	10.5	65.4	✓	✓
4450					
5170		15.5	60.4	✓	✓
4450					
5180		19.0	56.9	✓	✓
4460					
5180		12.6	63.3	✓	✓
4470					
5180		5.4	70.5	✓	✓
4480					
5190		0.5	75.4	✓	✓
4470					
5190		7.1	68.8	✓	✓
4460					
5190		14.2	61.7	✓	✓
4450					
5190		19.3	56.6	✓	✓
4460					
5200		15.8	60.1	✓	✓
4470					
5200		8.7	67.2	✓	✓
4480					
5200		1.1	74.8	✓	✓
4480					
5210		2.3	73.6	✓	✓

W.H.S.

4470	875.93				
5210		9.1	866.8	✓	✓
4460		17.9	58.0	✓	✓
5220		15.3	60.6	✓	✓
4470		10.0	65.9	✓	✓
5220		3.7	72.2	✓	✓
4480		5.1	70.8	✓	✓
5230		10.0	65.9	✓	✓
4460		15.6	60.3	✓	✓
5230		14.3	61.6	✓	✓
4470		9.5	66.4	✓	✓
5240		5.5	70.4	✓	✓
4480		0.7	75.2	✓	✓
5240	75.9	0.9	75.0	✓	✓
4490		4.5	71.4	✓	✓
5250		10.8	65.1	✓	✓
4470		14.3	61.6	✓	✓
5250		17.2	58.7	✓	✓
4460		11.9	64.0	✓	✓
5250		5.9	70.0	✓	✓
4480		1.2	74.7	✓	✓
5260		1.1	74.8	✓	✓
4490		8.5	67.4	✓	✓
5270		13.5	62.4	✓	✓
4470		17.3	58.6	✓	✓
5270		15.0	60.9	✓	✓
4470					
5280					

W.H.S.

	875.93				
4480		8.9	867.0	✓	✓
5280					
4490		3.0	72.9	✓	✓
5280					
4490		4.5	71.4	✓	✓
5290					
4480		10.4	65.5	✓	✓
5290					
4470		17.3	58.6	✓	✓
5290					
T.P.		8.22	867.71		

End day April 7

Track N 4480
E 5284

	7.28	874.99			
4480					
5300			13.0	62.0	✓
490					
300			7.3	67.7	✓
500					
300			3.2	71.8	✓
510					
310			0.0	75.0	✓
500					
310			4.9	70.1	✓
490					
310	875.0		10.0	65.0	✓
490					
320			17.1	57.9	✓
500					
320			9.7	65.3	✓
510					
320			3.8	71.2	✓
520					
320			0.5	74.5	✓
530					
330			2.2	72.8	✓
520					
330			3.2	71.8	✓
510					
330			5.0	70.0	✓
500					
330			15.2	59.8	✓
510					
340			13.8	61.2	✓
520				66.6	✓
340			8.4	76.6	✓
530					
340			4.2	70.8	✓
540					
350			3.3	71.7	✓

continued on Page 39

W.H.S.

2.83

610.21 ✓

607.38 ✓ = B.M. No.

April 8, 1932
Simpson - Notes
Bailey - Level
Louden - Rod
Walton - Tape

3930				
5520				
940	15.4	594.8	✓	✓
520	10.8	99.4	✓	✓
950				
520	6.3	603.9	✓	✓
940				
530	6.4	03.8	✓	✓
930				
530	11.0	599.2	✓	✓
920				
530	13.7	96.5	✓	✓
910				
540	14.0	96.2	✓	✓
920				
540	10.7	99.5	✓	✓
930				
540	7.4	602.8	✓	✓
940				
540	3.3	06.9	✓	✓
930				
550	2.5	07.7	✓	✓
920				
550	6.1	04.1	✓	✓
910				
550	10.3	599.9	✓	✓
900				
550	12.5	97.7	✓	✓
900				
560	11.8	98.4	✓	✓
910				
560	6.3	603.9	✓	✓
920				
560	2.0	08.2	✓	✓
920				
570	1.4	08.8	✓	✓
910				
570	5.3	04.9	✓	✓
900				
570	9.7	00.5	✓	✓
900				
580	9.7	00.5	✓	✓
910				
580	5.8	04.4	✓	✓
920				
580	1.5	08.7	✓	✓

w.t.s.

3920		610.21			
5590			0.6	609.6	✓ ✓
910					
590			5.4	04.8	✓ ✓
900					
590			8.9	01.3	✓ ✓
700					
600			7.0	03.2 05.2	✓ ✓
710					
600			3.1	07.1	✓ ✓
900					
610			4.4	05.8	✓ ✓
910					
610			0.2	10.0	✓ ✓
T.P.	12.23	622.19	0.25	609.96	✓
920					
610			9.4	12.8	✓ ✓
930		622.2	6.1	16.1	✓ ✓
610					
940			2.4	19.8	✓ ✓
610					
950			40.2	22.4	✓ ✓
610					
950			1.2	21.0	✓ ✓
600					
940			4.5	17.7	✓ ✓
600					
930			8.0	14.2	✓ ✓
600					
920			11.0	11.2	✓ ✓
600					
930			9.3	12.9	✓ ✓
590					
940			4.8	17.4	✓ ✓
590					
950			1.0	21.2	✓ ✓
590					
950			2.0	20.2	✓ ✓
580					
940			6.2	16.0	✓ ✓
580					
930			9.3	12.9	✓ ✓
580					
930			7.3	12.9	✓ ✓
570					
940			6.4	15.8	✓ ✓
570					
950			3.0	19.2	✓ ✓
570					

W.H.S.

2

622.19

3950			4.3	617.9 [✓]	✓	✓
5560			7.6	14.6 [✓]	✓	✓
940			11.0	11.2 [✓]	✓	✓
560			11.3	10.9 [✓]	✓	✓
930			6.2	16.0 [✓]	✓	✓
560			10.0	12.2 [✓]	✓	✓
940			12.2	10.0 [✓]	✓	✓
550						
950						
550						
950						
540						
950						
530						

T.P. 1.29

611.23[✓]

12.25

609.94[✓]

B.M.

3.86

607.37 = check

on B.M. N° E1 607.38

w.t.s.

4530	874.99	(See Page 35)			
5350		8.5	866.5	✓	✓
520	875.0	15.0	60.0	✓	✓
350		13.2	61.8	✓	✓
530		7.7	67.3	✓	✓
360		0.4	74.6	✓	✓
540		2.0	73.0	✓	✓
360		3.1	71.9	✓	✓
550		5.9	69.1	✓	✓
360		10.8	864.2	✓	✓
570		15.4	59.6	✓	✓
370	875.0	13.4	61.6	✓	✓
560		11.5	63.5	✓	✓
380		3.6	71.4	✓	✓
570		4.1	70.9	✓	✓
380		8.0	67.0	✓	✓
560		13.2	61.8	✓	✓
390		5.0	70.0	✓	✓
550		6.5	68.5	✓	✓
390		11.0	64.0	✓	✓
540		17.7	57.3	✓	✓
400		13.7	61.3	✓	✓
550		10.9	64.1	✓	✓
400		6.2	68.8	✓	✓
550		3.3	71.7	✓	✓
420		4.5	70.5	✓	✓
540					
430					

W.H.S.

	874.99			
4530		7.9	867.1	✓ ✓
5430				
520	875.0	12.5	62.5	✓ ✓
430		14.0	61.0	✓ ✓
510		17.3	57.7	✓ ✓
430		12.8	62.2	✓ ✓
500		9.2	65.8	✓ ✓
440		3.3	71.7	✓ ✓
510		0.0	75.0	✓ ✓
440		2.0	73.0	✓ ✓
530		6.2	68.8	✓ ✓
440		11.7	63.3	✓ ✓
530		17.0	58.0	✓ ✓
450		15.5	59.5	✓ ✓
520		10.8	64.2	✓ ✓
450		6.2	68.8	✓ ✓
510		0.8	74.2	✓ ✓
450		6.5	68.5	✓ ✓
500		11.5	63.5	✓ ✓
450				

T.P.	P. 89	887.79	0.09	874.90	
530			12.9	74.9	✓ ✓
470			7.5	80.3	✓ ✓
540			2.4	85.4	✓ ✓
470			3.0	84.8	✓ ✓
550			6.8	81.0	✓ ✓
460			7.2	80.6	✓ ✓
540					
460					
540					
450					

W.H.S.

on Rock

N 4530
E 5452

	.8				
	887.79				
4550		3.9	883.9	✓	✓
5450					
550		8.4	79.4	✓	✓
440					
560		7.1	83.7	✓	✓
440					
570		0.7	87.1	✓	✓
440					
580		3.4	84.4	✓	✓
430					
570		6.9	80.9	✓	✓
430					
560		10.6	77.2	✓	✓
430					
550		13.6	74.2	✓	✓
430					
570		7.0	78.8	✓	✓
420					
580		0.6	87.2	✓	✓
420					
570	887.8	2.8	85.0	✓	✓
410					
560		12.1	75.7	✓	✓
410					
560		11.3	76.5	✓	✓
400					
570		2.8	85.0	✓	✓
400					
570		8.4	79.4	✓	✓
390					
580		1.1	86.7	✓	✓
390					
580		9.5	78.3	✓	✓
380					
590		0.0	87.8	✓	✓
380					
580		7.7	80.1	✓	✓
370					
570		4.0	83.8	✓	✓
360					
560		9.0	78.8	✓	✓
360					
550		9.2	78.6	✓	✓
350					
560		3.8	84.0	✓	✓
350					
550		3.4	84.4	✓	✓
340					
540		11.3	76.5	✓	✓
340					

w.H.S.

		.8			
4550		887.79			
5330			0.0	887.8	✓ ✓
540			6.5	81.3	✓ ✓
330			7.8	80.0	✓ ✓
530			0.5	87.3	✓ ✓
320			2.8	85.0	✓ ✓
540			8.5	79.3	✓ ✓
320			11.0	76.8	✓ ✓
530			6.0	81.8	✓ ✓
310			2.4	85.4	✓ ✓
520			6.6	81.2	✓ ✓
310			10.0	77.3	✓ ✓
510			8.5	79.3	✓ ✓
300					
520			1.48	886.31	
300			5.5	83.9	✓ ✓
520			3.8	85.6	✓ ✓
300			8.7	80.7	✓ ✓
520			7.7	81.7	✓ ✓
290			1.3	88.1	✓ ✓
510			5.7	83.7	✓ ✓
290			8.1	81.3	✓ ✓
500			5.2	84.2	✓ ✓
280			10.0	79.4	✓ ✓
500			10.3	79.1	✓ ✓
280			5.6	84.4	✓ ✓
500			3.0	86.4	✓ ✓
280					
T.P.	3.12	889.43			
510					
280					
510					
270					
500					
270					
500					
260					
510					
260					
500					
250					
500					
240					
500					
230					
490					
230					
490					
220					
500					
220					
500					
210					

W.H.S.

4490						
5210			8.7	880.7	✓	✓
490			8.4	81.0	✓	✓
200			1.7	87.7	✓	✓
500			6.2	83.2	✓	✓
200			13.3	76.1	✓	✓
490			5.2	84.2	✓	✓
170			3.3	86.1	✓	✓
480			11.9	77.5	✓	✓
180						
490						
180						
490						
170						
480						
170						
T.P.	1.88	889.29	2.02	887.41		
480			11.3	78.0	✓	✓
160			5.5	83.8	✓	✓
490			3.4	85.9	✓	✓
160			10.4	78.9	✓	✓
490			7.7	81.6	✓	✓
150			2.4	86.9	✓	✓
480			4.2	85.1	✓	✓
140			10.0	79.3	✓	✓
490			9.8	79.5	✓	✓
140			3.7	85.6	✓	✓
490			3.2	86.1	✓	✓
130			7.2	82.1	✓	✓
480			11.4	77.9	✓	✓
130			8.2	81.1	✓	✓
480			12.7	76.6	✓	✓
120			7.0	82.3	✓	✓
490						
090						
490						
080						
500						
080						

W.A.S.

3

889.29

3.60

885.69

885.63

= check

by T.P. Set M.D.E. F1885.63

N4490
E5110

7.00

892.63

4510					
5080					
520		5.1	887.5	✓	✓
080		1.4	91.2	✓	✓
530					
070		2.6	90.0	✓	✓
520					
070		5.5	87.1	✓	✓
510					
070		9.0	83.6	✓	✓
500					
070		15.8	76.8	✓	✓
510					
060		15.0	77.6	✓	✓
520					
060		9.9	82.7	✓	✓
530					
060		5.4	87.2	✓	✓
540					
060		1.2	91.4	✓	✓
550					
050		2.4	90.2	✓	✓
540					
050		5.6	87.0	✓	✓
530					
050		9.4	83.2	✓	✓
520					
050		15.3	77.3	✓	✓
520					
040		16.0	76.6	✓	✓
530					
040		12.6	80.0	✓	✓
540					
040		8.8	83.8	✓	✓
550					
040		7.0	85.6	✓	✓
560					
040		3.5	89.1	✓	✓
570					
030		4.6	88.0	✓	✓
560					
030		6.8	85.8	✓	✓
550					
030		11.4	81.2	✓	✓
540					
030		15.5	77.1	✓	✓

W.H.S.

892.63

4530					
5030			16.7	875.9 [✓]	✓ ✓
550					
020			18.7	73.9 [✓]	✓ ✓
560					
020			15.0	77.6 [✓]	✓ ✓
570					
020			10.7	81.9 [✓]	✓ ✓
580					
020			8.1	84.5 [✓]	✓ ✓
590					
020			6.7	85.9 [✓]	✓ ✓
600					
010			6.2	86.4 [✓]	✓ ✓
590					
010			15.4	77.2 [✓]	✓ ✓
580					
010			16.0	76.6 [✓]	✓ ✓
570					
010			17.3	75.3 [✓]	✓ ✓
590					
000			15.7	76.9 [✓]	✓ ✓
600					
000			14.8	77.8 [✓]	✓ ✓
610					
000			5.0	87.6 [✓]	✓ ✓

T.P.	13.00	905.45	0.18	892.45		
620						
000			12.3	893.1 [✓]	✓ ✓	
630						
000			6.7	98.7 [✓]	✓ ✓	
630						
010			4.0	901.4 [✓]	✓ ✓	
620						
010			7.8	897.6 [✓]	✓ ✓	
610						
010			13.4	92.0 [✓]	✓ ✓	
600						
020			17.7	87.7 [✓]	✓ ✓	
610						
020			11.3	94.1 [✓]	✓ ✓	
620						
020			4.8	900.6 [✓]	✓ ✓	
630						
020			0.5	04.9 [✓]	✓ ✓	
620						
030			3.4	02.0 [✓]	✓ ✓	
610						
030			8.8	896.6 [✓]	✓ ✓	

W.H.S.

on Rock N 4613
E 5005

4600		905.45	12.9	892.5	✓	✓
5030			14.0	91.4	✓	✓
590			16.3	89.1	✓	✓
030			12.7	92.7	✓	✓
580			8.9	96.5	✓	✓
030			6.0	99.4	✓	✓
570			6.9	98.5	✓	✓
040			5.1	900.3	✓	✓
580			0.3	05.1	✓	✓
040			2.0	03.4	✓	✓
590			5.2	00.2	✓	✓
040			11.0	894.4	✓	✓
600			11.0	94.4	✓	✓
040			8.1	97.3	✓	✓
610			4.0	901.4	✓	✓
040			0.0	05.4	✓	✓
590			0.3	05.1	✓	✓
050			4.1	01.3	✓	✓
580			8.0	897.4	✓	✓
050			6.6	98.8	✓	✓
570			3.5	901.9	✓	✓
050		908.0	6.61	898.84		
560		907.98	1.6	906.4	✓	✓
070			7.0	01.0	✓	✓
550			13.2	894.8	✓	✓
070						
540						
070						
530						
080						
540						
080						
T.P.	9.14					
540						
090						
530						
090						
520						
090						

on Rock N 4530
E 5080

W.H.S.

4510		907.98				
5090		909.0 ✓	16.6	891.4 ✓	✓	✓
	3.44	901.95	9.47	898.51 = check on	T.P. set by M.D.E.,	El. 898.51 N 4505 E 5145
500			18.0	884.0 ✓	✓	✓
090			13.7	88.9 ✓	✓	✓
500			8.8	93.2 ✓	✓	✓
100			+1.0	903.0 ✓	✓	✓
510			4.1	897.9 ✓	✓	✓
100			11.4	90.6 ✓	✓	✓
510			8.7	93.3 ✓	✓	✓
110			4.2	97.8 ✓	✓	✓
500			3.7	98.3 ✓	✓	✓
110			10.7	91.3 ✓	✓	✓
500			8.8	93.2 ✓	✓	✓
120			4.2	97.8 ✓	✓	✓
510			3.7	98.6 ✓	✓	✓
130			9.6	92.4 ✓	✓	✓
500			9.3	92.7 ✓	✓	✓
130			5.8	96.2 ✓	✓	✓
500						
140			3.44	898.51 ✓		
510	6.79	905.30 ✓	1.6	903.7 ✓	✓	✓
140			8.1	897.2 ✓	✓	✓
510			12.7	92.6 ✓	✓	✓
170			14.0	91.3 ✓	✓	✓
500			7.4	97.9 ✓	✓	✓
180			2.0	903.3 ✓	✓	✓
510						
180						

W.H.S.

4520		905.30	2.4	902.9	✓	✓	✓
5190							
510			9.8	895.5	✓	✓	✓
190							
500			15.0	90.3	✓	✓	✓
190							
510			12.0	93.3	✓	✓	✓
200							
520			4.7	900.6	✓	✓	✓
200							
520			6.8	898.5	✓	✓	✓
210							
510			12.0	93.3	✓	✓	✓
210							
510			14.1	91.2	✓	✓	✓
220							
520			9.0	96.3	✓	✓	✓
220							
T.P.	8.53	905.30 [✓]	8.53	896.77 [✓]			
530			1.1	904.2	✓	✓	✓
220							
530			1.0	904.3	✓	✓	✓
230							
520			8.3	897.0	✓	✓	✓
230							
510			12.8	92.5	✓	✓	✓
230							
510			15.7	89.6	✓	✓	✓
240							
520			7.2	98.1	✓	✓	✓
240							
530			1.3	904.0	✓	✓	✓
240							
530			2.0	03.3	✓	✓	✓
250							
520			8.7	896.6	✓	✓	✓
250							
510			15.4	89.9	✓	✓	✓
250							
520			11.6	93.7	✓	✓	✓
260							
530			5.4	99.9	✓	✓	✓
260							
540			1.0	904.3	✓	✓	✓
270							
530			7.3	898.0	✓	✓	✓
270							
520			13.8	91.5	✓	✓	✓
270							

W.J.T.S.

		905.30			
4520			17.1	888.2	✓ ✓
5280					
530			9.9	95.4	✓ ✓ ✓
280					
540			2.6	902.7	✓ ✓ ✓
280					
540			8.4	896.9	✓ ✓ ✓
290					
530			11.7	93.6	✓ ✓ ✓
290					
530			17.2	88.1	✓ ✓ ✓
300					
540			11.7	93.6	✓ ✓ ✓
300					
550			2.7	902.6	✓ ✓ ✓
300					
550			4.0	01.3	✓ ✓ ✓
310					
540			15.4	889.9	✓ ✓ ✓
310					
T.P.	12.98	906.52	11.76	893.54	
550					
320			12.3	94.2	✓ ✓ ✓
560					
320			8.3	98.2	✓ ✓ ✓
570					
320			3.1	903.4	✓ ✓ ✓
580					
330			2.7	03.8	✓ ✓ ✓
570					
330			8.8	897.7	✓ ✓ ✓
560					
330			12.2	94.3	✓ ✓ ✓
560					
340			15.4	91.1	✓ ✓ ✓
570					
340			11.8	94.7	✓ ✓ ✓
580					
340			6.6	99.9	✓ ✓ ✓
590					
340			2.3	904.2	✓ ✓ ✓
600					
350			3.2	03.3	✓ ✓ ✓
610					
350			0.3	06.2	✓ ✓ ✓
620					
350			9.2	897.3	✓ ✓ ✓
630					
350			13.5	93.0	✓ ✓ ✓

W.H.S.

906.52

4570				
5350	18.0	888.5	✓	✓
580				
360	18.1	88.4	✓	✓
590				
360	12.7	93.8	✓	✓
600				
360	11.4	95.1	✓	✓
610				
360	8.0	98.5	✓	✓
620				
360	1.0	905.5	✓	✓
610				
370	2.7	03.8	✓	✓
600				
370	8.5	898.0	✓	✓
590				
370	15.6	90.9	✓	✓
600				
380	10.5	96.0	✓	✓
610				
380	2.1	904.4	✓	✓
610				
390	4.1	02.4	✓	✓
600				
390	16.0	890.5	✓	✓
590				
390	22.0	84.5	✓	✓
580				
400	14.7	91.8	✓	✓
590				
400	10.6	95.9	✓	✓
600				
400	8.0	98.5	✓	✓
610				
400	2.0	904.5	✓	✓
600				
410	5.0	01.5	✓	✓
590				
410	11.7	894.8	✓	✓
580				
410	18.0	88.5	✓	✓
590				
420	12.3	94.2	✓	✓
600				
420	8.1	98.4	✓	✓
610				
420	2.0	904.5	✓	✓
600				
430	1.4	05.1	✓	✓

W.H.S.

	906.52				
4610		5.0	901.5	✓	✓
5430					
600		10.4	896.1	✓	✓
430					
590		15.3	91.2	✓	✓
730					
580		15.4	91.1	✓	✓
440					
590		11.8	94.7	✓	✓
440					
600		9.4	97.1	✓	✓
440					
610		7.3	99.2	✓	✓
440					
620		2.0	904.5	✓	✓
440					
610		0.7	05.8	✓	✓
450					
600		4.4	02.1	✓	✓
450					
590		6.0	00.5	✓	✓
450					
580		9.0	897.5	✓	✓
450					
570		12.5	94.0	✓	✓
450					
560		18.2	88.3	✓	✓
450					
560		16.3	90.2	✓	✓
460					
570		11.0	95.5	✓	✓
460					
580		6.9	99.6	✓	✓
460					
590		3.0	903.5	✓	✓
460					
590		0.6	05.9	✓	✓
470					
580		6.7	899.8	✓	✓
470					
570		11.5	95.0	✓	✓
470					
560		15.3	91.2	✓	✓
470					
T.P.		8.38	898.14	✓	✓

on Rock N4574
E5460

	12.21	910.35		898.14	
T.P.	9.02	919.12	0.25	910.10	on Rock 4608 5458
4600			9.6	09.5	✓ ✓ ✓
5470					
610			5.3	13.8	✓ ✓ ✓
470					
620			0.8	18.3	✓ ✓ ✓
470					
630			+5.1	24.2	✓ ✓ ✓
470					
630			0.3	18.8	✓ ✓ ✓
460					
620			4.4	14.7	✓ ✓ ✓
460					
610			7.9	11.2	✓ ✓ ✓
460					
600			11.9	07.2	✓ ✓ ✓
460					
620		919.1	10.2	08.9	✓ ✓ ✓
450					
630			4.8	14.3	✓ ✓ ✓
450					
630			10.1	09.0	✓ ✓ ✓
440					
630			7.0	12.1	✓ ✓ ✓
430					
630			4.0	15.1	✓ ✓ ✓
420					
620			8.1	11.0	✓ ✓ ✓
420					
610			10.2	08.9	✓ ✓ ✓
410					
620			5.6	13.5	✓ ✓ ✓
410					
630			1.9	17.2	✓ ✓ ✓
410					
630			3.7	15.4	✓ ✓ ✓
400					
620			9.2	09.9	✓ ✓ ✓
400					
620			10.7	08.4	✓ ✓ ✓
390					
630			4.6	14.5	✓ ✓ ✓
390					
630			1.8	17.3	✓ ✓ ✓
380					
620			8.4	10.7	✓ ✓ ✓
380					

W.H.S.

April 9, 1932

Simpson
Louden
Bailey
Walton

clear, Hef.

919.12

4620						
5370			9.8	909.3	✓	✓
630						
370			2.7	16.4	✓	✓
630						
360			7.0	12.1	✓	✓
620						
350			8.1	11.0	✓	✓
630						
350			7.9	11.2	✓	✓
630						
340			+1.2	20.3	✓	✓
620						
340			0.8	18.3	✓	✓
610						
340			5.0	14.1	✓	✓
600						
340			9.4	09.7	✓	✓
T.P.	5.37	922.62				
590			1.87	917.25		
330						
600			12.5	10.1	✓	✓
330			7.2	15.4	✓	✓
610						
330			2.1	10.5 ^{20.5}	✓	✓
600						
320			3.5	19.1	✓	✓
590						
320			10.7	11.9	✓	✓
580						
320			14.6	08.0	✓	✓
560						
310			19.8	02.8	✓	✓
570						
310			13.7	08.9	✓	✓
580						
310			7.7	14.9	✓	✓
590						
310			3.1	19.5	✓	✓
590						
300			0.1	22.5	✓	✓
580						
300			5.0	17.6	✓	✓
570						
300			11.7	10.9	✓	✓
560						
300			14.8	07.8	✓	✓
550						
290			17.8	04.8	✓	✓

on Rock 4603
5330

4775.

922.62					
4560		12.1	910.5	✓	✓
5290					
570		70	15.6	✓	✓
290					
580		2.3	20.3	✓	✓
290					
570		4.4	18.2	✓	✓
280					
560		8.7	13.9	✓	✓
280					
550		15.5	07.1	✓	✓
280					
550		10.8	11.8	✓	✓
270					
560		6.1	16.5	✓	✓
270					
570		2.2	20.4	✓	✓
270					
560		3.8	18.8	✓	✓
260					
550		10.1	12.5	✓	✓
260					
540		16.0	06.6	✓	✓
260					
540		12.8	09.8	✓	✓
250					
550		6.6	16.0	✓	✓
250					
560		0.7	21.9	✓	✓
250					
550		6.1	16.5	✓	✓
240					
540		11.9	10.7	✓	✓
240					
540		11.3	11.3	✓	✓
230					
550		6.3	16.3	✓	✓
230					
550		6.3	16.3	✓	✓
220					
540		11.8	10.8	✓	✓
220					
530		14.5	08.1	✓	✓
210					
540		12.3	10.3	✓	✓
210					
550		interpolate		✓	✓
210					
T.P.		9.89	912.73		
			W.A.S.		

4537
5200 on Rock

	9.84	922.57	912.73		
4530					
5200			15.3	07.3	✓ ✓
540			10.9	11.7	✓ ✓
200			1.5	21.1	✓ ✓
550					
200					
550			+0.3	22.9	✓ ✓
190					
540			8.1	14.5	✓ ✓
190					
530			13.4	09.2	✓ ✓
190					
530			10.4	12.2	✓ ✓
180					
540			6.0	16.6	✓ ✓
180					
540			6.3	16.3	✓ ✓
170					
530			9.5	13.1	✓ ✓
170					
520					
160			17.0	05.6	✓ ✓
530					
160			10.7	11.9	✓ ✓
540					
160			6.2	16.4	✓ ✓
550					
160			1.6	21.0	✓ ✓
540					
150			3.4	19.2	✓ ✓
530					
150			12.3	10.3	✓ ✓
520					
150			16.7	05.9	✓ ✓
520					
140			15.9	06.7	✓ ✓
530					
140			8.5	14.1	✓ ✓
540					
140			4.1	18.5	✓ ✓
550					
130			1.7	20.9	✓ ✓
540					
130			6.7	15.9	✓ ✓
530					
130			11.0	11.6	✓ ✓
520					
130			16.4	06.2	✓ ✓

W.H.S.

		6				
		922.57				
4520			19.2	903.4 [✓]	✓	✓
5120						
530			14.0	08.6 [✓]	✓	✓
120						
540			9.7	12.9 [✓]	✓	✓
120						
550			6.6	16.0 [✓]	✓	✓
120						
550			7.8	14.8 [✓]	✓	✓
110						
540			11.4	11.2 [✓]	✓	✓
110						
530			15.1	07.5 [✓]	✓	✓
110						
520			18.3	04.3 [✓]	✓	✓
110						
530			16.8	05.8 [✓]	✓	✓
100						
540			11.5	11.1 [✓]	✓	✓
100						
550			9.1	13.5 [✓]	✓	✓
100						
560			4.4	18.2 [✓]	✓	✓
100						
570			2.0	20.6 [✓]	✓	✓
090						
560			7.5	15.1 [✓]	✓	✓
090						
550			12.5	10.1 [✓]	✓	✓
090						
550			15.0	07.6 [✓]	✓	✓
080						
560			12.5	10.1 [✓]	✓	✓
080						
570			9.4	13.2 [✓]	✓	✓
080						
T.P.	5.62	6 ✓ 922.57	5.62	916.95 [✓]		
580			7.0	15.6 [✓]	✓	✓
080						
590			5.2	17.4 [✓]	✓	✓
080						
600			1.2	21.4 [✓]	✓	✓
080						
600			6.4	16.2 [✓]	✓	✓
070						
590			9.9	12.7 [✓]	✓	✓
070						
580			12.0	10.6 [✓]	✓	✓
070						

W.A.S.

4570						
5070		922.57	15.1	907.5	✓	✓
590			13.5	09.1	✓	✓
060			11.1	11.5	✓	✓
610			9.3	13.3	✓	✓
060			10.2	12.4	✓	✓
620			7.5	15.1	✓	✓
060			10.2	12.4	✓	✓
630			15.5	07.1	✓	✓
050			15.7	06.9	✓	✓
620			15.6	07.0	✓	✓
050			18.3	04.3	✓	✓
630			14.7	07.9	✓	✓
040			16.1	06.5	✓	✓
630						
030						
T.P.	12.99	935.12	0.44	922.13		
630			13.3	21.8	✓	✓
070			13.9	21.2	✓	✓
620			17.3	17.8	✓	✓
070			12.6	22.5	✓	✓
610			11.2	23.9	✓	✓
080			8.7	26.4	✓	✓
620			1.5	33.6	✓	✓
080			4.0	31.1	✓	✓
630			5.8	29.3	✓	✓
090			7.8	27.3	✓	✓
620			9.4	25.7	✓	✓
090						
610						
090						
600						
090						
590						
090						

W.H.S.

Red Head 4629
5071

935.12

4580			12.8	922.3	✓	✓
5090						
570			10.9	24.2	✓	✓
100						
580			8.1	27.0	✓	✓
100						
590			5.0	30.1	✓	✓
100						
600			2.9	32.2	✓	✓
100						
590			+1.0	36.1	✓	✓
110						
580			4.1	31.0	✓	✓
110						
570			6.4	28.7	✓	✓
110						
560			13.2	21.9	✓	✓
110						
560			9.8	25.3	✓	✓
120						
570			2.6	32.5	✓	✓
120						
570			1.9	33.2	✓	✓
130						
560			5.6	29.5	✓	✓
130						
550			11.0	24.1	✓	✓
140						
560			7.3	27.8	✓	✓
140						
570			1.7	33.4	✓	✓
140						
560			5.7	29.4	✓	✓
150						
550			12.0	23.1	✓	✓
150						
560			interpolate		✓	✓
160						
T.P.	10.75	940.05	5.82	929.30		
570			3.0	37.0	✓	✓
170						
560			8.7	31.3	✓	✓
170						
550			13.4	26.6	✓	✓
170						
550			18.2	21.8	✓	✓
180						
560			9.7	30.3	✓	✓
180						

W.H.S.

Rock 4562
5138

		940.05			
4570			4.2	935.8	✓ ✓
5180					
570			2.8	37.2	✓ ✓
190					
560			9.8	30.2	✓ ✓
190					
560			11.0	29.0	✓ ✓
200					
570			interpolate		✓ ✓
200					
560			12.2	27.8	✓ ✓
210		5			
TP	6.58	941.98	5.15	934.90	
570			interpolate		✓ ✓
210					
570			9.7	31.8	✓ ✓
220					
560			interpolate		✓ ✓
220					
560			13.5	28.0	✓ ✓
230					
570			9.0	32.5	✓ ✓
230					
580			4.0	37.5	✓ ✓
230					
580			4.6	36.9	✓ ✓
240					
570			10.4	31.1	✓ ✓
240					
560			18.0	23.5	✓ ✓
240					
570			13.3	28.2	✓ ✓
250					
580			7.8	33.7	✓ ✓
250					
590			1.6	39.9	✓ ✓
250					
590			4.9	36.6	✓ ✓
260					
580			9.6	31.9	✓ ✓
260					
570			14.7	26.8	✓ ✓
260					
580			12.1	29.4	✓ ✓
270					
570			4.2	37.3	✓ ✓
270					
600			0.8	40.7	✓ ✓
270					

WHS

		.5				
4600						
5280			2.9	938.6	✓	✓
590			13.6	27.9	✓	✓
280			16.0	25.5	✓	✓
580						
280						
610			4.4	37.1	✓	✓
290			10.8	30.7	✓	✓
600			16.0	25.5	✓	✓
290						
590						
290						
T.P.	9.97	941.19	10.26	931.22		
600			11.8	29.4	✓	✓
300			9.7	31.5	✓	✓
610			4.7	36.5	✓	✓
300			2.2	39.0	✓	✓
620			5.8	35.4	✓	✓
300			8.5	32.7	✓	✓
630			12.4	28.8	✓	✓
300			18.8	22.4	✓	✓
620			17.0	24.2	✓	✓
310			13.7	27.5	✓	✓
610			8.7	32.5	✓	✓
310			13.6	27.6	✓	✓
600			18.6	22.6	✓	✓
310						
610						
320						
620						
320						
630						
320						
630						
330						
620						
330						
T.P.	12.87	953.93	0.13	941.06		
620			12.3	41.6	✓	✓
290			8.1	45.8	✓	✓
630			2.5	51.4	✓	✓
290			5.6	48.3	✓	✓
630						
280						
620						
280						

N4602
E5298 ROCK -

April, 11, 1932

Simpson

Louden

Bailey

Walton

oo Rock N4595
E5269

W.H.S.

753.93

4610						
5280			12.1	941.8	✓	✓
610			9.6	44.3	✓	✓
270			4.7	49.2	✓	✓
620			0.3	59.6	✓	✓
270			2.8	51.1	✓	✓
630			6.2	47.7	✓	✓
270			11.4	42.5	✓	✓
620			7.8	46.1	✓	✓
260			3.4	50.5	✓	✓
610			1.6	52.3	✓	✓
260			5.3	48.6	✓	✓
600			10.8	43.1	✓	✓
250			8.0	45.9	✓	✓
610						
250						
610						
240						
600						
240						
590						
240						
590						
230						
T.P.	8.10	958.38	3.65	950.28		
600			5.5	52.9	✓	✓
230			2.6	55.8	✓	✓
600			8.1	50.3	✓	✓
230			14.5	43.9	✓	✓
590			interpolate		✓	✓
220			8.6	49.8	✓	✓
580			3.3	55.1	✓	✓
220			11.6	46.8	✓	✓
580			5.2	53.2	✓	✓
210			13.2	45.2	✓	✓
580			4.8	53.6	✓	✓
200						
590						
200						
580						
190						
590						
190						
580						
180						
590						
180						

on Rack 4590
5227

W.A.S.

		4				
4590		958.38				
5170			5.5	952.9	✓	✓
580			13.1	45.3	✓	✓
170			18.1	40.3	✓	✓
570			14.5	43.9	✓	✓
160			3.0	55.4	✓	✓
580			7.3	51.1	✓	✓
160			15.0	43.4	✓	✓
590			22.5	35.9	✓	✓
160			15.5	42.9	✓	✓
590						
150						
580						
150						
570						
150						
580						
140						
T.P	12.46	958.21	12.63	945.75		
590			12.3	45.9	✓	✓
140			5.2	53.0	✓	✓
600			18.0	40.2	✓	✓
140			13.5	44.7	✓	✓
580			11.1	47.1	✓	✓
130			5.6	52.6	✓	✓
590			1.7	56.5	✓	✓
130			6.3	51.9	✓	✓
600			6.0	52.2	✓	✓
130			9.9	48.3	✓	✓
610			11.8	46.4	✓	✓
130			16.6	41.6	✓	✓
620			22.0	36.2	✓	✓
130			18.3	39.9	✓	✓
630			17.0	41.2	✓	✓
120						
620						
120						
610						
120						
600						
116						
610						
110						

On Rock 4575
5150

4620		958.21				
5110			15.4	942.8	✓	✓
630			13.8	44.4	✓	✓
630			19.3	38.9	✓	✓
100						
620			21.0	37.2	✓	✓
120						
610			23.1	35.1	✓	✓
100						
T.P.	11.80	969.90	0.11	958.10		
630			12.0	59.9	✓	✓
130			5.6	64.3	✓	✓
630			8.6	61.3	✓	✓
140			9.6	60.3	✓	✓
620			9.9	60.0	✓	✓
140			5.3	64.6	✓	✓
610			2.8	67.1	✓	✓
140			2.6	67.3	✓	✓
600						
150			1.73	968.17		
610	6.55	974.72	5.0	69.7	✓	✓
150			6.4	68.3	✓	✓
620			8.9	65.8	✓	✓
160			12.6	62.1	✓	✓
600			13.8	60.9	✓	✓
170			10.9	63.8	✓	✓
610			5.0	69.7	✓	✓
170			4.3	70.4	✓	✓
620			3.8	70.9	✓	✓
170			5.5	69.2	✓	✓
630						
180						
620						
180						

Rock N4620
E51265

W.P.

4610	974.72	10.5	964.2	✓	✓
5180					
600		15.7	59.0	✓	✓
180					
600		13.9	60.8	✓	✓
190					
610		9.8	64.9	✓	✓
190					
620		6.1	68.6	✓	✓
190					
630		3.8	70.9	✓	✓
190					
630		2.0	72.7	✓	✓
200					
620		6.3	68.4	✓	✓
200					
610		8.6	66.1	✓	✓
200					
600		10.2	64.5	✓	✓
200					
590		18.0	56.7	✓	✓
210					
600		14.0	60.7	✓	✓
210					
610		12.1	62.6	✓	✓
210					
620		7.9	66.8	✓	✓
210					
630		2.7	72.0	✓	✓
210					
610		12.9	61.8	✓	✓
220					
620		10.2	64.5	✓	✓
220					
630		7.2	67.5	✓	✓
220					
630		7.7	67.0	✓	✓
236					
620		11.5	63.2	✓	✓
230					
610		18.1	56.6	✓	✓
230					
620		15.5	59.2	✓	✓
240					
630		9.6	65.1	✓	✓
240					
630		11.3	63.4	✓	✓
250					
620		20.0	54.7	✓	✓
250					

W.H.S.

4630		974.72			
5260			18.3	956.4	✓ ✓
T.P.	0.77	962.49 ✓	13.00	961.72 ✓	
T.P.	0.27	950.00 ✓	12.76	949.73 ✓	
T.P.	0.80	937.87 ✓	12.93	937.07 ✓	
T.P.	0.49	925.35 ✓	13.01	924.86 ✓	
T.P.	0.24	912.50 ✓	13.09	912.26 ✓	
	3.29	903.86 ✓	11.93	900.57 ✓	
			5.31	898.55 ✓	

4595
5193

= checks on T.P. set by M.D.E. N 4505 E 5145 El. 898.51

	2.46	802.86 ⁹		800.40		
4210			15.0	787.9	✓	✓
5000			12.2	90.7	✓	✓
220			8.5	94.4	✓	✓
5000			0.9	802.0	✓	✓
230			2.5	00.4	✓	✓
5000			4.7	798.2	✓	✓
4260			7.0	95.9	✓	✓
4990			9.0	93.9	✓	✓
250			11.5	91.4	✓	✓
990			16.2	86.7	✓	✓
240			11.5	91.4	✓	✓
990			9.6	93.3	✓	✓
230			7.6	95.3	✓	✓
990			5.1	97.8	✓	✓
220			2.6	800.3	✓	✓
990						
710						
990						
200						
990						
780						
210						
980						
220						
980						
230						
980						
240						
980						
T.P	12.91	813.31 ⁹	2.46	800.40		
250			11.8	01.5	✓	✓
980			11.0	02.3	✓	✓
260			11.1	02.2	✓	✓
980			8.7	04.6	✓	✓
270			5.7	07.6	✓	✓
990			3.4	09.9	✓	✓
280			5.1	08.2	✓	✓
990			6.8	06.5	✓	✓
290						
980						

with.

Rock 2 E of 4240
4980

		813.31				
4280			7.7	805.6	✓	✓
4980						
270			9.3	04.0	✓	✓
980						
T.P.	11.02	823.73	0.60	812.71		
T.P.	7.23	828.00	2.96	820.77		
4310			15.6	12.4	✓	✓
1990						
320			15.4	12.6	✓	✓
990						
330			15.5	12.5	✓	✓
990						
340			15.5	12.5	✓	✓
990						
350			14.4	13.6	✓	✓
990						
360			12.5	15.5	✓	✓
990						
370			11.3	16.7	✓	✓
990						
380			9.9	18.1	✓	✓
990						
390			7.5	20.5	✓	✓
990						
400		828.0	4.3	23.7	✓	✓
990						
410			3.4	24.6	✓	✓
990						
420			2.2	25.8	✓	✓
990						
430			2.5	25.5	✓	✓
980						
420			6.0	22.0	✓	✓
980						
410			8.1	19.9	✓	✓
980						
400			9.6	18.4	✓	✓
980						
390			12.2	15.8	✓	✓
980						
380			14.0	14.0	✓	✓
980						
370			16.0	12.0	✓	✓
980						
360			16.8	11.2	✓	✓
980						
350			19.6	08.4	✓	✓
980						

R.S.K.

828.00

4340				
4980	19.3	808.7	✓	✓
330				
980	19.3	08.7	✓	✓
320				
980	18.6	09.4	✓	✓
310				
780	16.5	11.5	✓	✓
390				
970	15.0	13.0	✓	✓
400				
970	12.7	15.3	✓	✓
410				
970	10.1	17.9	✓	✓
420				
970	8.8	19.2	✓	✓
430				
970	4.5	23.5	✓	✓
440				
970	2.6	25.4	✓	✓
450				
970	4.0	24.0	✓	✓
460				
970	5.5	22.5	✓	✓
470				
970	4.7	23.3	✓	✓
480				
970	1.3	26.7	✓	✓
500				
960	0.7	27.3	✓	✓
490				
960	5.2	22.8	✓	✓
480				
960	8.3	19.7	✓	✓
470				
960	10.7	17.3	✓	✓
460				
960	11.3	16.7	✓	✓
450				
960	10.5	17.5	✓	✓
440				
960	10.4	17.6	✓	✓
430				
960	10.4	17.6	✓	✓
420				
960	11.1	16.9	✓	✓
410				
960	13.3	14.7	✓	✓
400				
960	15.5	12.5	✓	✓

REK

4410 4950	828.00	17.2	810.7	✓	✓	✓
420 950		15.0	13.0	✓	✓	✓
430 950		13.7	14.3	✓	✓	✓
440 950		14.6	13.4	✓	✓	✓
450 950		16.1	11.9	✓	✓	✓
460 950		18.0	10.0	✓	✓	✓
470 950		15.7	12.3	✓	✓	✓
480 950		11.6	16.4	✓	✓	✓
490 950		8.7	19.3	✓	✓	✓
500 950		5.5	22.5	✓	✓	✓
510 950		1.9	26.1	✓	✓	✓
530 940		3.6	24.4	✓	✓	✓
520 940		5.8	22.2	✓	✓	✓
510 940		8.4	19.6	✓	✓	✓
500 940		10.0	18.0	✓	✓	✓
490 940		12.4	15.6	✓	✓	✓
500 920		14.3	13.7	✓	✓	✓
510 930		11.9	16.1	✓	✓	✓
520 930		16.7	11.3	✓	✓	✓
530 930		9.8	18.2	✓	✓	✓
540 920		+0.2	28.2	✓	✓	✓
530 920		6.5	21.5	✓	✓	✓
520 920		15.3	12.7	✓	✓	✓
530 910		6.6	21.4	✓	✓	✓
540 910		3.3	24.7	✓	✓	✓

PSC

828.00

4550				
4900				
540	4.1	823.9	✓	✓
700	8.1	19.9	✓	✓
530				
900	11.0	17.0	✓	✓
540				
890	13.1	14.9	✓	✓
550				
890	8.6	19.4	✓	✓
560				
890	3.7	24.3	✓	✓
580				
880	1.3	26.7	✓	✓
570				
880	4.2	23.8	✓	✓
560				
880	8.7	19.3	✓	✓
550				
880	12.9	15.1	✓	✓
550				
870	15.7	12.3	✓	✓
560				
870	13.3	14.7	✓	✓
570				
870	9.2	18.8	✓	✓
580				
870	7.8	20.2	✓	✓
590				
870	4.6	23.4 22.4	✓	✓
600				
870	1.2	26.8	✓	✓
600				
860	3.0	25.0	✓	✓
590				
860	8.1	19.9	✓	✓
580				
860	12.4	15.6	✓	✓
570				
860	18.7	09.3	✓	✓
580				
850	14.3	13.7	✓	✓
590				
850	10.2	17.8	✓	✓
600				
850	4.7	23.3	✓	✓
620				
840	3.4	24.6	✓	✓
610				
840	6.0	22.0	✓	✓

4600					
4840					
590			10.1	17.9	✓ ✓ ✓
840			13.2	14.7	✓ ✓ ✓
580			16.1	11.9	✓ ✓ ✓
840			16.4	11.6	✓ ✓ ✓
590			13.7	14.3	✓ ✓ ✓
830			9.7	18.3	✓ ✓ ✓
600			8.0	20.0	✓ ✓ ✓
830			3.9	24.1	✓ ✓ ✓
610			11.0	17.0	✓ ✓ ✓
830			15.5	12.5	✓ ✓ ✓
620			14.0	14.0	✓ ✓ ✓
820					
610					
820					
620					
810					
T.P.	13.01	840.40	0.61	827.39	
630			12.1	28.3	✓ ✓ ✓
840			7.2	33.2	✓ ✓ ✓
630			11.0	29.4	✓ ✓ ✓
850			13.3	27.1	✓ ✓ ✓
620			10.4	30.0	✓ ✓ ✓
850			7.7	32.7	✓ ✓ ✓
610			3.1	37.3	✓ ✓ ✓
850			2.7	37.7	✓ ✓ ✓
610			8.4	32.0	✓ ✓ ✓
870			12.4	28.0	✓ ✓ ✓
590			10.3	30.1	✓ ✓ ✓
880			4.7	35.7	✓ ✓ ✓
600			2.3	38.1	✓ ✓ ✓
880					
600					
890					

Rock 4600
4858

840.40

4590				
4890	7.5	832.9	✓	✓
580				
890	8.4	32.0	✓	✓
570				
890	12.2	28.2	✓	✓
560				
900	12.5	27.9	✓	✓
570				
900	8.8	31.6	✓	✓
580				
900	4.8	35.6	✓	✓
590				
900	1.9	38.5	✓	✓
580				
910	2.0	38.4	✓	✓
570				
910	6.0	34.4	✓	✓
560				
910	9.0	31.4	✓	✓
550				
910	11.2	29.2	✓	REL ✓
550				
920	7.8	32.6	✓	✓
560				
920	3.4	37.0	✓	✓
570				
920	0.0	40.4	✓	✓
560				
930	0.0	40.4	✓	✓
550				
930	3.7	36.7	✓	✓
540				
930	11.5	28.9	✓	✓
540				
940	10.7	29.7	✓	✓
550				
940	0.7	39.7	✓	✓
550				
950	0.5	39.9	✓	✓
540				
950	8.7	31.7	✓	✓
530				
950	10.7	29.7	✓	✓
520				
950	13.0	27.4	✓	✓
510				
960	10.8	29.6	✓	✓
520				
960	7.4	33.0	✓	✓

(100)

	840.40				
4530 4960		5.3	835.1 [✓]	✓	✓
540 960		4.1	36.3 [✓]	✓	✓
520 970		1.6	38.8 [✓]	✓	✓
510 970		6.0	34.4 [✓]	✓	✓
500 970		10.3	30.1 [✓]	✓	✓
490 970		14.7	25.7 [✓]	✓	✓
440 980		10.4	30.0 [✓]	✓	✓
450 980		11.3	29.1 [✓]	✓	✓
460 980		11.7	28.7 [✓]	✓	✓
470 980		11.1	29.3 [✓]	✓	✓
480 980		9.8	30.6 [✓]	✓	✓
490 980		7.3	33.1 [✓]	✓	✓
500 980		5.5	34.9 [✓]	✓	✓
510 980		0.8	39.6 [✓]	✓	✓
480 990		3.4	37.0 [✓]	✓	✓
470 990		4.4	36.0 [✓]	✓	✓
460 990		4.2	36.2 [✓]	✓	✓
450 990		4.5	35.9 [✓]	✓	✓
440 990		5.6	34.8 [✓]	✓	✓
430 990		9.8	30.6 [✓]	✓	✓
T.P.	12.59	852.41	0.58	839.82	
490 990			13.3	39.1 [✓]	✓
500 990			11.3	41.1 [✓]	✓
510 990			10.2	42.2 [✓]	✓
520 990			5.1	47.3 [✓]	✓

Rock N 4428
E 4998

(100)

4530	852.41	0.0	852.4	✓	✓
4990					
540		3.2	49.2	✓	✓
780					
530		4.7	47.7	✓	✓
780					
520		8.6	43.8	✓	✓
780					
530		10.4	42.0	✓	✓
770					
540		9.6	42.8	✓	✓
770					
550		7.3	45.1	✓	✓
770					
560		6.0	46.4	✓	✓
770					
560		4.3	48.1	✓	✓
960					
550		14.5	37.9	✓	✓
760					
560		6.1	46.3	✓	✓
750					
570		5.7	46.7	✓	✓
940					
560		8.4	44.0	✓	✓
740					
570		8.8	43.6	✓	✓
930					
580		3.6	48.8	✓	✓
930					
590		3.5	48.9	✓	✓
920					
580		10.1	42.3	✓	✓
920					
590		7.9	44.5	✓	✓
910					
600		5.1	47.3	✓	✓
910					
610		1.0	51.4	✓	✓
910					
630		1.8	50.6	✓	✓
900					
620		4.7	47.7	✓	✓
900					
610		8.4	44.0	✓	✓
900					
600		11.9	40.5	✓	✓
900					
610		13.7	38.7	✓	✓
890					

(end)

		852.41				
4620			15.1	37.3	✓	✓
4890						
630			3.4	49.0	✓	✓
630						
580			5.8	46.6	✓	✓
620						
880			10.8	41.6	✓	✓
630						
870			8.8	43.6	✓	✓
T.P.	13.01	865.33	0.09	852.32	✓	
620						
910			10.6	54.7	✓	✓
630						
910			6.9	58.4	✓	✓
630						
920			2.0	63.3	✓	✓
620						
920			4.2	61.1	✓	✓
610						
920			9.2	56.1	✓	✓
600						
920			11.9	53.4	✓	✓
590						
936			12.0	53.3	✓	✓
600						
930			8.5	56.8	✓	✓
610						
930			2.1	63.2	✓	✓
600						
940			3.6	61.7	✓	✓
590						
940			8.0	57.3	✓	✓
580						
940			12.4	52.9	✓	✓
570						
950			11.7	53.6	✓	✓
580						
950			7.9	57.4	✓	✓
590						
950			1.8	63.5	✓	✓
580						
960			3.8	61.5	✓	✓
570						
960			9.0	56.3	✓	✓
570						
970			9.9	55.4	✓	✓
580						
970			0.3	65.0	✓	✓

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4580		865.33			
4980			1.8	863.5	✓ ✓
570			7.5	57.8	✓ ✓
980			15.6	49.7	✓ ✓
560			15.0	50.3	✓ ✓
980			9.5	55.8	✓ ✓
540			6.7	58.6	✓ ✓
990			5.3	60.0	✓ ✓
550			2.4	62.9	✓ ✓
980			0.63	864.70	
540	11.16	875.86	12.2	63.7	✓ ✓
990			4.0	71.9	✓ ✓
590			1.4	74.5	✓ ✓
980			4.5	71.4	✓ ✓
590			8.3	67.6	✓ ✓
970			5.3	70.6	✓ ✓
590			0.4	75.5	✓ ✓
960			2.7	73.2	✓ ✓
600			6.0	69.9	✓ ✓
960			10.0	65.9	✓ ✓
610			9.4	66.5	✓ ✓
960			5.8	70.1	✓ ✓
610			1.5	74.4	✓ ✓
940			10.5	65.4	✓ ✓
620			5.9	70.0	✓ ✓
940			0.92	874.94	
630					
930					
T.P.					

4630	12.57	887.51	874.94		
4950			10.5	77.0 [✓]	✓ ✓
630			8.0	79.5 [✓]	✓ ✓
960			10.3	77.2 [✓]	✓ ✓
620			12.3	75.2 [✓]	✓ ✓
960			7.3	80.2 [✓]	✓ ✓
600			4.0	83.5 [✓]	✓ ✓
970			4.1	83.4 [✓]	✓ ✓
610			+3.3	90.8 [✓]	✓ ✓
970			0.7	86.8 [✓]	✓ ✓
620			4.5	83.0 [✓]	✓ ✓
970			8.6	78.9 [✓]	✓ ✓
630			10.1	77.4 [✓]	✓ ✓
970			0.0	87.5 [✓]	✓ ✓
630			+2.9	90.4 [✓]	✓ ✓
980			+9.5	97.0 [✓]	✓ ✓
620	T.P.	892.64	7.63	879.88	
990	12.76		7.04	885.60 [✓]	

- check on T.P. 4490
5110 EI 885.63

	12.26	715.76		703.50	= B.M. N-		
T.P.	0.27	703.38	12.65	703.11			
T.P.	0.34	691.33	12.39	690.99			
T.P.	0.15	678.62	12.86	678.47			
N 4140			3.6	75.0	✓	✓	
E 5490			17.7	60.9	✓	✓	
140			20.7	57.9	✓	✓	
500			22.7	55.9	✓	✓	
140			16.8	61.8	✓	✓	
510			17.0	61.6	✓	✓	
140			16.3	62.3	✓	✓	
520			8.4	70.2	✓	✓	
140			3.8	74.8	✓	✓	
530			5.0	73.6	✓	✓	
140			9.0	69.6	✓	✓	
540			6.7	71.9	✓	✓	
140			14.4	64.2	✓	✓	
570			13.8	64.8	✓	✓	
150			3.8	74.8	✓	✓	
570			4.6	74.0	✓	✓	
160			10.2	68.4	✓	✓	
560			18.0	60.6	✓	✓	
150			8.3	70.3	✓	✓	
530			3.3	75.3	✓	✓	
160			4.9	73.7	✓	✓	
530							
180							
520							

N 4183
E 5276

April, 12, 1932

Simpson
Louden
Bailey
Walton.

(1030)

		678.62			
4170			6.5	672.1 [✓]	✓ ✓
5520					
160			11.9	66.7 [✓]	✓ ✓
520					
150			19.8	58.8 [✓]	✓ ✓
520					
150			13.4	65.2 [✓]	✓ ✓
510					
160			6.2	72.4 [✓]	✓ ✓
510					
170			2.6	76.0 [✓]	✓ ✓
510					
180			0.0	78.6 [✓]	✓ ✓
500					
170			5.1	73.5 [✓]	✓ ✓
500					
160			9.1	69.5 [✓]	✓ ✓
500					
150			13.3	65.3 [✓]	✓ ✓
500					
150			3.0	75.6 [✓]	✓ ✓
490					
160			1.6	77.0 [✓]	✓ ✓
490					
T.P	12.96	691.51 [✓]	0.07	678.55 [✓]	
140			7.4	84.1 [✓]	✓ ✓
480					
150			4.2	87.3 [✓]	✓ ✓
480					
160			2.9	88.6 [✓]	✓ ✓
480					
170			1.4	90.1 [✓]	✓ ✓
480					
180			10.4	91.9 [✓]	✓ ✓
480					
190			2.5	89.0 [✓]	✓ ✓
490					
180			6.9	84.6 [✓]	✓ ✓
490					
170			10.6	80.9 [✓]	✓ ✓
490					
190			5.8	85.7 [✓]	✓ ✓
500					
200			3.9	87.6 [✓]	✓ ✓
500					
200			4.9	86.6 [✓]	✓ ✓
510					
190			8.9	82.6 [✓]	✓ ✓
510					

N 4170
E 5522 Rock

(cont)

4180					
5510		691.51	12.5	79.0 ^v	✓ ✓
190					
520			11.2	80.3 ^v	✓ ✓
200					
520			8.4	83.1 ^v	✓ ✓
210					
520			3.6	87.9 ^v	✓ ✓
190					
530			2.6	88.9 ^v	✓ ✓
180					
530			8.7	82.8 ^v	✓ ✓
170					
540			12.6	78.9 ^v	✓ ✓
180					
540			4.9	86.6 ^v	✓ ✓
180					
550			2.6	88.9 ^v	✓ ✓
170					
550			11.0	80.5 ^v	✓ ✓
170					
560			13.3	78.2 ^v	✓ ✓
180					
560			1.2	90.3 ^v	✓ ✓
180					
570			6.0	85.5 ^v	✓ ✓
170					
570			15.2	76.3 ^v	✓ ✓
140					
580			10.9	80.6 ^v	✓ ✓
150					
580			8.6	82.9 ^v	✓ ✓
160					
580			7.1	84.4 ^v	✓ ✓
170					
580			7.8	83.7 ^v	✓ ✓
180					
580			8.5	83.0 ^v	✓ ✓
150					
590			1.9	89.6 ^v	✓ ✓
140					
590			5.0	86.5 ^v	✓ ✓
T.P.	12.70	703.55	0.66	690.85	
140					
600			10.1	693.5 ^v	✓ ✓
150					
600			7.8	95.8 ^v	✓ ✓
160					
600			4.7	98.9 ^v	✓ ✓

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4170					
5600	703.55	2.3	701.3 [✓]	✓	✓
180		1.7	019 [✓]	✓	✓
600		3.3	00.3 [✓]	✓	✓
190		0.3	03.3 [✓]	✓	✓
600		10.9	692.7 [✓]	✓	✓
200		10.2	93.4 [✓]	✓	✓
590		9.4	94.2 [✓]	✓	✓
190		11.1	92.5 [✓]	✓	✓
590		9.3	94.3 [✓]	✓	✓
180		0.6	703.0 [✓]	✓	✓
590		3.8	699.8 [✓]	✓	✓
160		11.0	92.6 [✓]	✓	✓
590		7.3	96.3 [✓]	✓	✓
190		0.8	702.8 [✓]	✓	✓
580		2.8	00.8 [✓]	✓	✓
200		9.4	694.2 [✓]	✓	✓
580		11.8	91.8 [✓]	✓	✓
260		3.0	700.6 [✓]	✓	✓
570		1.3	02.3 [✓]	✓	✓
190		8.4	695.2 [✓]	✓	✓
570		8.6	95.0 [✓]	✓	✓
190		1.2	702.4 [✓]	✓	✓
550		8.6	695.0 [✓]	✓	✓
190		12.4	91.2 [✓]	✓	✓
540					
200					
540					
210					
530					
200					
530					
220					
520					
230					
520					
230					
510					
220					
510					

cont. in Book #347

WB

4/12/32

Check Levels for Y section N. of Axis

B.M.	12.21½	810.61		798.39½	
T.P.			0.21	810.40	
	13.10	823.50			
T.P.			0.02	823.48	
	12.90	836.38			
T.P.			0.49	835.89	
	12.86	848.75			
T.P.			0.68	848.07	
	12.81	860.88			
Check			6.43	854.45	854.46
T.P.			0.40	860.48	
	12.72	873.20			
T.P.			0.18	873.02	
	13.00	886.02			
T.P.			0.39	885.63	
	13.02	898.65			
T.P.			0.14	898.51	

Rock N4240
E5000N4453
Rock E5080N4500
Stake E5060N4490
Rock E5110N4505
Rock E5145

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side of shoulder
take 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 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.

T.P. on rock 2' E. of 4240 800.41
T.P. on rock N4305 4980
E5440 766.71

516 866.1
2.8 2.8
2.8

8.2
2.3
5.9

8.2
5.9
2.3