13 45 45 1963

VL98 13-45-72 +L 30 9.8 MO

-141 -111

10.09 +1.14 +1.20 12 Rpt L4 100°

10.04 +1.22 +1.18 IR

→ 13 45 30 706 25 2801 Cpm 27 95

2:13

9.99 9.28 +0.49 15 Rpt L4 100°

+RP

10.02 -33 1342 -588 Jfm 83

-26°44'04

13 317 -27 15 13 33 15 -27 24 9.1 10.2

160

✓ ✓ 9.25 -157 1157 -454 28 Apr 82

117487 9.26 -156 1181 -480 13 Mar 80

1 Smith (1) 9.27 -156 1189 -487 (2)

2759 8.83 +10.374 24 Jan 80

✓ ✓ 8.76 +0.359 4 Mar 74

7.81 10.371 11 July 80

8.82 +10.372

1116

1553 6.41

-928±8 (3) Ferguson

120237 13 47 46 - 35 36

5184 (280) 6.5 - 10.1

4.59 -358 823 -464 2,145 23 Aug 50
4.58 -345 882 -464 2.154 24 Aug 50
6.61 -355 884 -457 2.146 7 Apr 53
6.60 -354 881 -461 2.147 25 Apr 53
6.60 -359 880 -464 2.148 (2)

9.41 10.51 25 mar
9.46 +0.525 8 Apr 51
9.45 +0.52

9.41 +0.451 11 Aug 50
504

120237	6.59	-358	823	-469	2.145	23 Ag 80
	6.58	-365	882	-468	2.157	24 " "
	6.61	-355	884	-457	2.146	4 Apr 83
	6.60	-358	881	-461	2.147	25 Apr 83
	6.60	-350	877	-469		2 1977
	6.59	-357	879	-465	2.148	
		349	154	449	2.624	
	6.59	347	150 (157)	375 (440)		① Olsen

13449 -05 53 13 46 20 -06 01.5 9.5 10.4

V

2749 (N)(H)

(V) IRI

10.24 -134 1211 -509 9/mR

10.23 -122 1156 446 4/mR

10.25 -125 1200 -503 (2)

9.71 +0.388 4/Mar 84

9.75 +0.401 25/Apr 84

923 +0.394 (2)

X X X (2815) 2419 2815 7.80 +0.23 RI

8.00 +6.55 -0.25

120559 33 13 5-0 15 -57 19.5

7.99 -284 874 -597 26 Apr 77

8.04 -303 898 -594 28 Apr 77

7.58 -296 877 -6.20 21 Apr 76

8.00 -296 884 -608 22

8.01 -290 857 -563 23

8.00 -292 882 -605 (4)

2.53

7.75 246

7.76 +10.250 10 July 70

+1.0 [10.17 / 10.09] +0.234 10 July 70

+0.244 11 July 70

+1.0 [10.08 +0.242] 246

G5V

120559 13 49.36 -57 18 797

257 40

7.95 +0.225 11May70

7.78 +0.225 30Apr70

7.87 +0.24 1May70

7.80 +0.23

2715

28Apr70 7.94 +0.665-0.025

15May70 8.01 +0.65-0.025

8.00 +0655-0.025

√120237 ✓ 2806 // 346 WBY 250 HR

√5184 13 47 46 -35 36.1 £6.12+57

9.513" 1041 LHS 251 NM 2B X X

6.61 -349 867 -465 10 Jun 77

6.49 -352 877 -473 16 " "

6.54 -358 873 -469 2145 28 Aug 77

6.58 -365 8812 -468 2154 24

6.57 -356 875 -469 2150

6.57 +0.19 21 Jun 77

£47 +0.185 5 Jun 77

6.52 +0.19 (2)

346 167 440

VHS2817 — 13 57 20 −50 49.5

120780 — ~~13 50 35 −50 45~~ 7.39 +89 7420

7.39 −96 1086−511 25mgB — 7.38 +0.86 +0.53 31Jan70

7.71 −106 1076+492 12mgB — 7.39 +0.91 +0.58 9Feb70

7.70 −101 1081−502 (2)

IB (X) (X)

IRH (X)

7.28 +0.32 2mgB

7.04 +0.325 3 " "

LB — Again

7.34 +99

7.30 +0.91 +0.52 26Dec70

7.39 +0.91 +0.53 31Jan70

7.39 +0.91 +0.58 9Feb70

7.36 +0.90 +0.50 11Mar70

7.35 +0.90 +0.53

+0.32

330

Cap 3 58

4mg70

2mgB

6.28 +0.40

4.87 +0.40

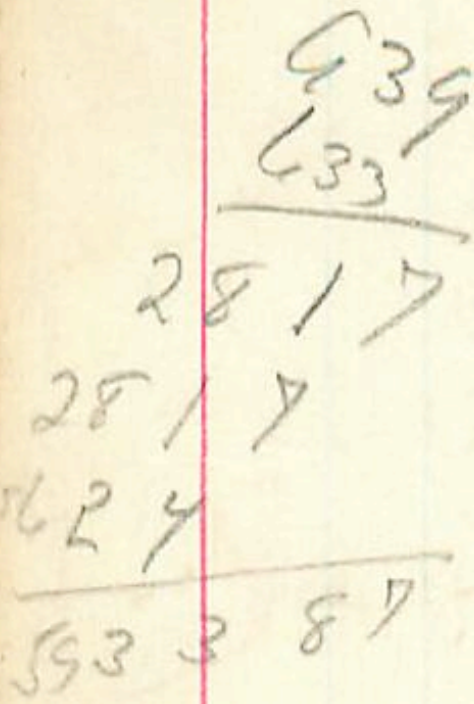
11.80 +0.40

7.02 H

9.36 +0327 11Jan80

6.96 +0.32 17Mar83

7.01 335



5165 13 50 15 −24 17 6.44 dos

5.209

338

LHS

2814 (V)

(V) (IRT)

2054

1483 439 226 301 (T)

330 450
248

90
~~12060~~ 2814

5209 13 49 57 -24 15.5 6.441 +20

6.45 -286 937 -490 29 Mar 77
6.46 -279 940 -487
6.47 -270 924 -491 12 Jun 77
6.44 -267 923 -504 16 "
~~6.46 -277 935 -490~~ (33)

cafe 7th

~~448 495 470 490~~

6.23 +0.275 21 Jun 77
6.20 +0.255 5 Jul
6.21 +026 (2)

432 205 416
331 38

Comin

-33°5467

13557 -3345 13 57 25 -33 54 20 0.7

8.14 -285 922-524 3 Apr 17

8.14 -284 908-499 2-11 4 Mar 14

8.15 -285 924-537

8.11 -288 920-520 2-11 4 (3)

7.88 +0.284 Mar 14

7.54 +0.344 29 Apr 17

7.91 +0.28

244

2-3 Apr

✓ Arct (2824) + R ✓ 57 00 8.17 +70

121849 13 57.00 - 33 52.5 (3) +28

13 (24)

8.20 -301 923 -505 11Ag177 (2824)

8.19 -276 902 -531 10Ag177 7.88 +0.22 4 Ag177

8.18 -300 918 -506 9" 7.84 +0.23 5 Ag177

8.19 -262 915 -514 (3) 2.84 +0.24 8 Ag177

8.19 -288 920 -520 (2) 7.88 +0.24 3 Ag177

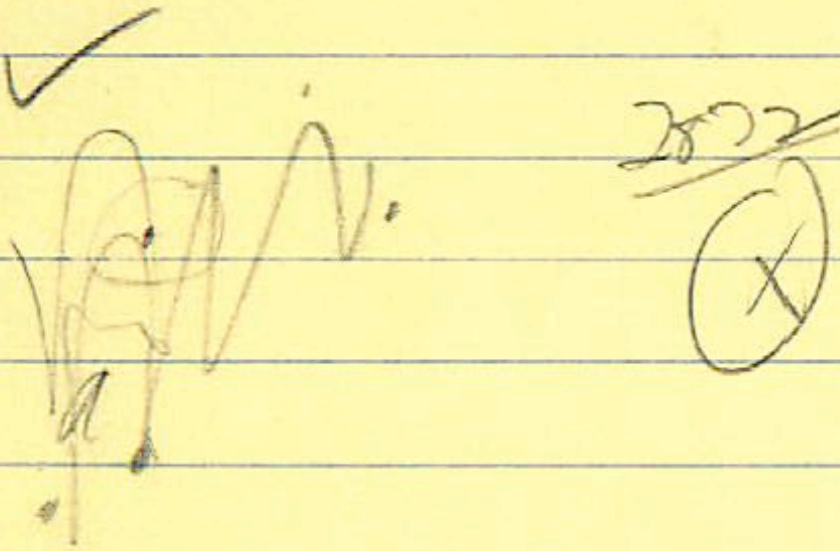
8.19 -290 914 -514 (4) 7.85 +0.26 (2)

+0.23 (4)

(13)

-1384
04078 -1342 14 09 20 -13 50

10.9 11.5 -60



2822 grams

10.73 - 296807 - 629 2.106

10.73 - 296812 - 431 2.110

10.73 - 296810 - 630 2.108

P = +123.7 Slope

10.40 +0.257 4 Months

10.45 +0.249 1 July 80

10.47 +0.253

/ abs RW / 1181V 10.68 +60 -46

-13°3834 14 09 08 -13 48

10.73 -296 803 -624 2.104
10.73 -296 812 -631 2.110
~~10.73 -296 810 -630 2.108~~

2+B

10.69 -312 +831 -606 25 By 75
10.67 -301 +799 -598 24 By 75
10.68 -306 +815 -602 -4.39
10.73 -296 +810 -630 2.108 2.583 10.42 +0.28 17 76.
10.70 -301 813 -624 2.108 (4) 10.47 +0.26 21 70 76
10.44 +0.27
404 093 270 2.576

125455 14 18 35 -05 03.5 7.6 1005

-40°3665

-1

-640 -141

4>0.8 (X) (X)

7.6 -214 1052 -488 21 mar 5

7.54 -223 1054 -476 28 mar 5

760 -218 1055 -482

760 -220 1052 -467 3 mar 74

760 -219 1057 -467 8 " 1

760 -220 1054 -464

LTT1092 28' 15" 104° from D.2

12545 (B)

14 15 38 - 5 04

.675

G124-24B

Lo R of Bench

2894/5 (+) Lo R

1345 +1.23 25 Aug 71

1356 +1.365 8 Apr 71

1350 +1.30 (D)

30'

9.59 +0.282 H 9 Sept 70 = 240

2494

56
19

650
26

12 5455 14 17 50 - 5 00 7.62+84

7.54 +0.85 +0.525 21 7.03 +0.285 25 July 69

7.23 +0.265 28 April 69

7.30 +0.30 30 Apr

7.18 +0.31 1 May 70

15" 104°

7.17 +0.30

0.240

227 287 307 Apr

7.26

12 45 55 14 15 30 −5 03 ~~7.62 +.04~~ 7.54 +0.85

5 Dec + IOI

14.5 15"

IRI d/l movement

7.60 −220 1052 −467 7 Mar 74

7.60 −219 1057 −463 8 " "

760 −220 1054 −464

453

7.03 +0285 25 July 74

7.23 +0.265 28 April 74

7.30 +0.30 30 April

7.15 +0.31 1 May 74

724 +0.28 7 Aug 74

7.26 +0284 (4)

~~Reeves, P. C. & Wolbach, C. 1953 Ap J 117, 244~~

5884 14 22 10 +01 21 627 dGB

(X) 6.24 -326 904 -521 2.118 2 MmD2

6.32 -314 905 -537 (2 477)

LHS 2907 4.31 -313 903 -530 2.123 2 MmB

6.30 -318 906 -524 2.120 (3)

→ (1B) (X)

Cop 235

5804 ✓✓ 807 921 +30 +R ✓

126.53 14 22 00 +1 22 6.27+64

2507

6.23 -315 910 -538 12 June 77

6.22 -312 900 -536 16 " "

6.22 -314 905 -537 (2)

354 178 370 1471

6.28 +0.255 21 Jun 77

6.05 +0.215 5 Jun 77

Cut 73 6.09 +0.23 10 July 87

6.07 +0225