

| 60 inch Telescope Log       |             | Spectrograph: <u>FAST</u> |           |      |        | Page: <u>3973</u>                         |
|-----------------------------|-------------|---------------------------|-----------|------|--------|---|
| Observer: <u>J. Hughes</u>  |             | Grating: <u>600 lpm</u>   |           |      |        |   |
| PI: <u>Vancouver/Hughes</u> |             | Date: <u>9/28/95</u>      |           |      |        |   |
| Number                      | Object      | R.A.                      | Dec.      | L/R  | Exp(s) | Comments                                  |
| 1-10                        | BIAS        |                           |           |      | —      | 515 mean                                  |
| 11                          | COMP        |                           |           |      | 6      | check grating tilt                        |
| 12-22                       | FAST FOC    |                           |           |      | 6      | focus FAST (=980)                         |
| 23                          | COMP        |                           |           |      | 6      |   |
| 24                          | BIAS        |                           |           |      | —      | filled down just before 515 mean          |
| 25                          | DARK        |                           |           |      | 1800   | 522 "                                     |
| 26                          | FLAT        |                           |           |      | 0.2    | ~730 mean                                 |
| 27-31                       | FLAT        |                           |           |      | 10     | -8200 mean                                |
| 32                          | SSR187A     |                           |           |      | 10     |   |
| 33                          | "           |                           |           |      | 60     |   |
| 34                          | COMP        |                           |           |      | 10     |   |
| 35                          | "           |                           |           |      | 6s     |   |
| 36                          | Tycho Pos 1 | 00:26:01                  | 64:08:45  | 1.38 | 1800   | Guide by hand                             |
| 37                          | COMP        |                           |           |      | 6s     |   |
| 38                          | Tycho Pos 1 | 00:26:01                  | 64:08:44  | 1.32 | 1800   | " " "                                     |
| 39                          | COMP        |                           |           |      | 6s     |   |
| 40                          | Tycho Pos 1 | 00:26:04                  | 64:08:44  | 1.25 | 1800   | " " "                                     |
| 41                          | COMP        |                           |           |      | 6s     |   |
| 42                          | SN95ac      | 22:45:41                  | -08:45:12 | 1.32 | 1800   | aborted before end                        |
| 43                          | COMP        |                           |           |      | 6s     |   |
| 44-53                       | FLAT        |                           |           |      | 10s    |   |
| 54-63                       | BIAS        |                           |           |      | —      |   |
| 64                          | DARK        |                           |           |      | 900    |   |
| 65                          | COMP        |                           |           |      | 6s     | slit cleared                              |
| 66                          | POS 1       | 00:26:01                  | 64:08:45  | 1.47 | 1800   | Guide by hand <sup>Refocused</sup> 498840 |
| 67                          | COMP        |                           |           |      | 6s     |   |
| 68                          | POS 2       |                           |           | 1.67 | 900    | Slit 5" West of POS 1                     |
| 69                          | COMP        |                           |           |      | 6s     |   |
| 70                          | POS 3       |                           |           | 1.70 | 900    | Slit 5" East of POS 1                     |
| 71                          | COMP        |                           |           |      | 6s     |   |

