

To: Susan Tokarz  
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60 inch Telescope Log

Observer: W. Brown

PI: 65, 112, 114, 59

Spectrograph: FAST

Grating: 3002

Date: 3/31/2000

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					binby 2
11-20	BIAS					binby 4
21-30	FLAT					binby 4
31-40	FLAT					binby 2
41-45	sky	(7:09 pm)			2-3 sec	binby 4 clouds moving in
46	COMP			↑		
47, 48	Hiltner 600	6:45	2:06	56	45 sec	PA=26
49	COMP			↑		
50, 51	"	"	"	"	90 sec	binby 2
52	COMP			↑		
53	negal-001	8:04	59:30	113	1000s	PA=90 binby 4 Geller 113
54	COMP			↑		
55, 56	XTEJ1118p48	11:18	48:01	65	600s	PA=-78 Gaccia 65
57	COMP			↑		
58	cs3001	8:36	28:49	114	720s	PA=90 Brown 114
59	COMP			↑		2 star low; obj row 41
60	cs3025	8:46	29:05	114	660s	
61	COMP			↑		
62	cs3046	8:52	29:43	114	600s	
63	COMP			↑		
64	cs3050	8:54	29:05	114	600s	
65	COMP			↑		Something went wrong...COMP with Re-booting system.
66	cs3045	9:48	29:15	114	720s	Nearby star...diluting spectrum.
67	COMP			↑		
68	091718p01090	9:19	00:55	113	1200	PA=90 Geller 113
69	COMP			↑		
70, 71	Fige 3k	10:36	48:21	56	90	PA=90
72	COMP			↑		
73, 74	XTEJ1118p48	11:18	48:01	65	600	PA=24
75	COMP			↑		

66 - both stellar + gal outflow easy to get (no emission!)  
 REVO 64 - COMP NO GOOD; used previous comp but red

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Number	Object	R.A.	Dec.	L/H	Exp	Comments
76	104924p04040a	10:52	-5:47	113	450	PA=11 #113 Geller
77	COMP			↑		
78	104924p04040b	10:52	-5:50	113	1200	
79	COMP			↑		
80	104924p04040c	10:52	-3:46	113	900	
81	COMP			↑		
82	CS364	11:15	28:45	114	480	PA=11 #114 Berman
83	COMP			↑		
84	CS863	11:49	29:36	114	600	correct object?
85	COMP			↑		
86	CS3219	12:02	29:14	114	1200	low surface brightness gal
87	COMP			↑		
88	XTEJ118p48	11:18	48:01	65	600	PA--50
89	COMP			↑		
90,91	HZ24	13:21	36:23	56	60	PA=70
92	COMP			↑		No COMP
92	SS26239.107	13:44	-7:07	59	480	PA=70 #59 Mahdavi
93	COMP			↑		
94	SS26239.108	13:44	-7:27	59	600	
95	COMP			↑		
96	SS26239.109	13:45	-7:36	59	480	
97	COMP			↑		
98	SS26239.110	13:45	-7:04	59	780	
99	COMP			↑		
100	SS26239.111	13:45	-7:39	59	480	clouds?
101	COMP			↑		
102	SS26239.112	13:45	-6:34	59	420	clouds?
103	COMP			↑		
104	XTEJ118p48					clouds
104	XTEJ118p48	11:18	48:01	65	600	#65 Garcia
105	COMP			↑		

90, 91 - NO COMP

60 inch Telescope Log

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
106	cs 3244	12:14	29:17	114	480	PA=90 #114 Brown
107	COMP			↑		star very close to E
108	cs 1061	12:28	28:52	114	480	clouds
109	COMP			↑		
110	A 5846	15:03	1:47	57	300	vel. standard
111	COMP			↑		
112	cs 1080	12:32	29:17	114	480	clouds back!
113	COMP			↑		
114	cs 3284	12:35	29:11	114	480	
115	COMP			↑		
116	XTES 118, 48	11:18	48:01	65	600	telescope drifting a lot.
117	COMP			↑		clouds thick on W
						clouds
118	cs 1296	13:09	28:53	114	600	clouds
119	COMP			↑		
120	cs 3342	13:17	28:59	114	300	low clouds
121	COMP			↑		
122	cs 1362	13:22	29:24	114	480	
123	COMP			↑		
124	cs 1364	13:23	29:22	114	480	clouds covering sky
125	COMP			↑		
						clouds
126-135	BIAS					binby 4
136-145	FLAT					binby 4
146-155	DARK				1200s	binby 4

Note: no binby observations tonight.