

# OBSERVING LOG

**TELESCOPE** : du Pont  
**INSTRUMENT** : WFCCD  
**CONFIGURATION** : TYPHOON  
**OBSERVER** : JR  
**NIGHT ASSISTANT**: Consuela

**DATE** : January 16/17 2018  
**NIGHT**: 6 of 8  
**PAGE** : 1 of 4  
**WEATHER**: clear

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
6001	slit image	18:37	10	V	zenith	150um	-	@390v, y=2000:x 1422.7, 2642.3
6002	"	18:39	4	V	-	750um	-	y=2000:x 1434.1, 2630.9
6003-6005	dflat	18:47	3x4	B	-	"	-	lamp @ 480V ~20k
6006-6008	"	18:51	3x4	V	-	"	-	lamp @ 390V ~16k
6009-6011	"	18:56	3x3	R	-	"	-	lamp @ 350V ~23k
6012-6014	"	19:01	3x80	grism	-	150um	-	lamp @ 480V ~36k peak
6015-6017	"	19:10	3x20	"	-	750um	-	lamp @ 480V ~35k
6018-6020	hartmann	19:16	3x50	grism	-	hart.	-	lamp @ 480V
6021	"	19:23	4	V	-	"	-	lamp @ 350V
6022-6024	HeNeAr arc	19:25	30/60/90	grism	-	150um	-	HeNeAr
6025-6032	bias	19:33	8x0	-	-	-	-	
6033	Pointing check	00:12	1	V	1.007	open		Offset 105"W
6034	"	00:15	"	"	1.006	"		
6035	LTT 1020	00:20	2	"	1.059	"	>2"	
6036	"	00:26	5	"	1.067	"	>2"	32"E, 18"S
6037	"	00:29	"	"	1.072	"	>2"	
6038	"	00:33	"	"	1.079	750um	~2"	Seeing bouncing around
6039	LTT 1020	00:35	180	grism	1.083	"		Standard star
6040	HeNeAr arc	00:39	30	"	1.090	150um		
6041	PL Blazar	00:44	10	V	1.792	open	>2"	@1333, 1944
6042	"	00:49	"	"	1.836	"	<2"	
6043	"	00:52	"	"	1.876	150um		
6044	"	00:55	"	"	1.904	"		1"E
6045	"	00:57	"	"	1.936	"		
6046-6047	PL Blazar	01:00	2x600	grism	1.961	"		

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6048	ASASSN-17pf	01:25	30	V	1.411	Open	1.2"	
6049	"	01:30	10	"	1.408	"	1.2"	@1935, 1970, bright, cut exp time
6050-6052	"	01:33	3x5	"	1.406	"	~1.3"	
6053-6055	"	01:38	3x5	B	1.404	"	1.3"	
6056-6058	"	01:43	3x5	R	1.402	"		Off 249"W, 20"S-software timed out on offset!
6059	"	01:50	5	V	1.4	"	1.1"	
6060	"	01:52	"	"	1.398	150um	1.1"	
6061	"	01:54	300	grism	1.398	150um		
6062	NGC 1532	02:02	15	V	1.022	open	1.2"	ring=145, match ccd5067, 5.3"E, 157.5"N
6063	"	02:05	"	"	1.025	"	1.1"	1"W, 1.5"S
6064	"	02:08	"	"	1.027	"	1.3"	0.9"E, 0.6"S
6065	"	02:13	"	"	1.031	"	1.1"	1"W, 1"S
6066	"	02:16	"	"	1.034	"	1.1"	2"W, 2"S WHY WON'T IT MATCH!!!!
6067	"	02:20	"	"	1.038	"	1.2"	GOOD ENOUGH!
6068	NGC 1532	02:22	600	grism	1.040	150um		y=619.2
6069	"	02:34	"	"	1.054	"		608.9
6070	"	02:45	"	"	1.07	"		598.6
6071	"	02:57	"	"	1.09	"		588.3
6072	"	03:09	"	"	1.1	"		578.0
6073	"	03:20	"	"	1.13	"		567.7
6074	"	03:32	"	"	1.16	"		557.4
6075	"	03:43	"	"	1.19	"		547.1
6076	"	03:55	"	"	1.23	"		536.8
6077	"	04:06	"	"	1.27	"		526.5
6078	"	04:18	"	"	1.31	"		516.2

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6079	NGC 1532	04:30	600	grism	1.36	150um		505.9
6080	NGC 1532	04:42	30	V	1.4	open	1.2"	495.6
6081	NGC 2280	04:44	15	"	1.03	"	1.3"	ring=180, match to 5085, 77.5"E, 19"S
6082	"	04:48	"	"	1.033	"	1.3"	1.1"W, 0.6"S
6083	"	04:50	"	"	1.038	"	1.3"	0.8"W,0.6"S
6084	"	04:53	"	"	1.039	"	1.3"	1"S
6085	"	04:55	"	"	1.041	"	1.3"	
6086	NGC 2280	04:59	600	grism	1.045	150um		y=485.7
6087	"	05:11	"	"	1.061	"		496.0
6088	"	05:21	"	"	1.08	"		506.3
6089	"	05:33	"	"	1.098	"		516.6
6090	"	05:45	"	"	1.121	"		526.9
6091	"	05:56	"	"	1.15	"		537.2
6092	"	06:07	"	"	1.18	"		547.5
6093	"	06:19	"	"	1.22	"		557.8
6094	"	06:31	"	"	1.25	"		568.1
6095	"	06:42	"	"	1.29	"		578.4
6096	"	06:53	"	"	1.34	"		588.7
6097	NGC 2280	07:05	60	V	1.4	open	1.4"	599.0
6098	J110824.6-773422	07:10	60	"	1.5	"	1.3"	@2010, 1941, 285"W, 29"S
6099	"	07:16	30	"	1.5	"	~1.2"	@1423, 1994,
6100	"	07:20	"	"	1.517	150um		In the slit @ 1992
6101	"	07:22	1200	grism	1.517	"		
6102	J160007.4-414948	07:48	60	V	2.131	open	1.7"	@1476, 1965, 26"W, 17"S
6103	"	07:53	30	"	2.063	"	1.5"	@1420, 2006

