

F56696 DAL T/P FIRE INVESTIGATION										
2/23/2011 Initial FCU diagnostic check										
@ start with rig main pump on(throttled) in run w/o speed input										
	Pin (psig)	Pd (psig)	Pout (psig)	Wt (pph)	Wfm (pph)	Wfm limits (pph)	MVdP (psid)	Pr-Pd (psid) 255-265	spec.	Pby (psig)
	320	30	60	510	285		30			
	340	30	60	575	344		43		257	
									258	
@ start with rig main pump on(throttle vlv full open) in run w/o speed input										
	340	30	60	1250	377		52		258	
Begin flow schedule w/ speed drive engaged(note; rig has total flow scheduler linked to rpm)										
flow pt / angle										
1 / min flow	345	30	65	3300	383	375-430	52		258	27
2 / 11.5 deg	390	68	65	12600	520	601-655	51		258	54
3 / 19.5 deg	430	95	80	15600	960	1106-1200	51		259	75
4 / 28.5 deg	450	110	110	17100	1770	1992-2150	51		259	90
5 / 36.5 deg	470	120	150	18300	2770	3068-3298	51		259	100
6 / 45.5 deg	490	136	235	19300	4260	4609-4937	50.5		259	116
7 / 53.5 deg	500	145	335	19950	5900	6305-6669	50.5		259	126
8 / 62.5 deg	540	148	445	20350	8190	8461-9039	51		260	134
9 / 70.5 deg	680	157	575	21000	10420	10692-11420	52.5		260	145
10 / 79.5 deg	930	160	800	22170	13340	13515-14439	55		261	150
11 / 84.5 deg	1110	162	970	22200	15130	15025-16263	56		261	152
12 / max flow	1200	160	1050	22200	15900	15364-16372	57		262	154