

F#	TIME	DEPTH	ROP	TORQUE		RPM	WOB	PUMP	RTRNS	MW lb/gal		FLOW/MIN		TEMP (C)		PVT	THIS BIT			COST		EST	DXC	NK	NKB	ECD	EST	
				AVG	MAX					IN	OUT	IN	OUT	IN	OUT		REVS	m	hrs	INST	RUN							TW
683	1128	646.57	44.7	1.47	1.47	95	13.3	2470	625.40	8.56	8.90	830	0	12.2	16.4	216	26074	228	5.0	125	132	2.05	.82	.76	.99	8.95	8.70	D
684	1129	647.18	65.4	2.05	2.05	95	13.4	2480	626.03	8.54	9.15	830	0	12.3	16.1	216	26120	229	5.0	69	132	2.05	.74	.68	.99	8.94	8.70	D
685	1129	647.77	48.6	2.24	2.24	95	13.9	2470	626.56	8.54	9.15	829	0	12.3	16.1	215	26181	229	5.0	72	132	2.06	.81	.75	.99	8.95	8.70	D
686	1130	648.35	54.3	2.01	2.01	95	13.9	2470	627.02	8.54	9.15	829	0	12.3	16.1	211	26233	230	5.0	129	131	2.06	.78	.73	.99	8.95	8.70	D
687	1130	648.67	50.2	1.67	1.67	95	12.2	2470	627.28	8.55	9.16	830	0	12.4	16.2	211	26268	230	5.0	87	131	2.06	.78	.72	.99	8.95	8.70	D
688	1130	648.97	118	2.32	2.32	93	12.7	2470	627.41	8.55	9.16	830	0	12.4	16.2	208	26280	231	5.0	90	131	2.06	.59	.53	.99	8.95	8.70	D
689	1131	649.23	28.9	1.90	1.90	94	12.6	2470	627.79	8.55	9.16	829	0	12.4	16.2	208	26326	231	5.0	129	131	2.07	.90	.85	.99	8.95	8.70	D
690	1131	649.55	80.8	1.97	1.97	94	13.7	2470	627.93	8.57	9.16	829	0	12.4	16.3	206	26347	231	5.0	74	131	2.07	.69	.63	.99	8.95	8.70	D
691	1131	649.87	51.4	2.02	2.02	94	12.2	2470	628.27	8.57	9.16	829	0	12.4	16.3	203	26381	232	5.0	94	131	2.07	.77	.71	.99	8.95	8.70	D
692	1132	650.45	39.9	2.28	2.28	95	13.2	2420	628.86	8.56	9.18	828	0	12.5	16.5	203	26450	232	5.1	142	131	2.08	.84	.78	.99	8.96	8.70	D
693	1143	651.39	77.7	2.60	2.60	95	13.2	2540	632.90	8.57	9.07	785	0	12.1	16.4	252	26501	233	5.1	273	131	2.08	.77	.71	.99	8.90	8.70	D
695	1144	652.29	62.5	2.02	2.02	103	13.2	2540	632.90	8.57	9.07	817	0	12.1	16.4	249	26513	234	5.1	273	131	2.08	.76	.72	.99	8.91	8.70	D
696	1144	652.94	54.5	2.32	2.85	104	13.5	2520	632.90	8.57	9.07	831	0	12.1	16.4	247	26537	235	5.1	46	130	2.08	.78	.74	.99	8.91	8.70	D
697	1144	653.38	57.1	2.30	2.63	103	14.3	2530	632.90	8.57	9.07	835	0	12.1	16.4	247	26549	235	5.1	24	130	2.08	.81	.77	.99	8.93	8.70	D
698	1145	653.81	23.9	1.55	1.55	97	15.0	2520	632.90	8.58	9.05	840	0	12.2	16.0	241	26657	236	5.1	92	130	2.09	.99	.93	.99	8.94	8.70	D
699	1145	654.11	79.4	1.62	1.62	100	20.4	2520	632.90	8.58	9.05	840	0	12.2	16.0	239	26677	236	5.1	61	130	2.09	.78	.71	.99	8.94	8.70	D
700	1146	654.43	64.1	1.55	1.55	99	18.7	2530	632.90	8.58	9.05	839	0	12.2	16.0	238	26706	236	5.1	63	130	2.09	.81	.75	.99	8.95	8.70	D
701	1146	654.78	64.4	1.79	1.79	98	18.7	2520	633.14	8.57	9.08	839	0	12.2	15.9	237	26736	237	5.1	103	130	2.09	.81	.75	.99	8.95	8.70	D
702	1147	655.34	39.5	2.26	2.26	97	19.5	2510	633.81	8.57	9.08	838	0	12.2	15.9	234	26801	237	5.1	165	130	2.10	.93	.87	.99	8.95	8.70	D
703	1147	655.66	41.2	1.94	1.94	97	18.3	2510	634.15	8.58	9.14	838	0	12.2	16.1	229	26838	237	5.1	103	130	2.10	.91	.85	.99	8.95	8.70	D
704	1147	655.93	31.4	2.10	2.10	98	16.4	2510	634.55	8.58	9.14	838	0	12.2	16.1	232	26879	238	5.1	123	130	2.10	.95	.89	.99	8.94	8.70	D
705	1148	656.24	135	1.96	1.96	97	16.4	2500	634.71	8.58	9.14	838	0	12.2	16.1	228	26890	238	5.1	69	130	2.10	.60	.54	.99	8.94	8.70	D
706	1148	656.56	66.4	2.16	2.16	98	17.4	2520	634.95	8.58	9.14	838	0	12.2	16.1	224	26914	238	5.1	62	130	2.11	.79	.72	.99	8.95	8.70	D
707	1148	656.86	45.3	2.21	2.21	98	17.4	2520	635.27	8.58	9.14	838	0	12.2	16.1	227	26952	239	5.1	106	130	2.11	.88	.82	.99	8.95	8.70	D
708	1148	657.15	80.7	1.99	1.99	96	17.3	2510	635.47	8.60	9.18	838	0	12.3	16.3	223	26973	239	5.1	67	130	2.11	.73	.67	.99	8.95	8.70	D
709	1149	657.47	88.7	2.09	2.09	98	16.6	2490	635.60	8.60	9.18	839	0	12.3	16.3	223	26992	239	5.2	51	129	2.11	.71	.65	.99	8.95	8.70	D
710	1149	657.79	105	1.87	1.87	95	16.0	2510	635.73	8.60	9.18	839	0	12.3	16.3	224	27010	240	5.2	53	129	2.11	.66	.60	.99	8.95	8.70	D
711	1149	658.09	36.5	2.08	2.08	98	16.1	2520	636.13	8.60	9.18	839	0	12.3	16.3	222	27052	240	5.2	113	129	2.12	.91	.85	.99	8.95	8.70	D
712	1150	658.50	74.4	2.14	2.14	98	16.6	2510	636.33	8.60	9.18	839	0	12.3	16.3	220	27080	240	5.2	115	129	2.12	.75	.69	.99	8.95	8.70	D
713	1150	658.98	41.6	2.09	2.09	97	17.1	2520	636.94	8.58	9.09	838	0	12.3	16.7	218	27140	241	5.2	83	129	2.12	.89	.83	.99	8.95	8.70	D
714	1150	659.29	65.8	1.90	1.90	98	16.9	2520	637.33	8.58	9.09	838	0	12.3	16.7	217	27166	241	5.2	89	129	2.12	.78	.72	.99	8.95	8.70	D
715	1151	659.64	116	2.15	2.15	98	14.4	2520	637.53	8.58	9.09	838	0	12.3	16.7	217	27182	241	5.2	86	129	2.12	.62	.56	.99	8.95	8.70	D
716	1151	660.21	44.5	2.25	2.25	98	16.6	2520	638.20	8.57	8.98	839	0	12.3	16.8	214	27246	242	5.2	107	129	2.13	.87	.81	.99	8.95	8.70	D
717	1152	660.51	36.0	1.69	1.69	97	18.0	2520	638.77	8.57	8.98	840	0	12.3	16.8	209	27293	242	5.2	126	129	2.13	.94	.88	.99	8.95	8.70	D
718	1157	660.82	47.5	1.78	1.87	98	18.4	2490	641.13	8.58	8.89	839	0	12.4	17.2	234	27311	242	5.2	129	129	2.13	.89	.82	.99	8.88	8.70	DX
719	1157	662.05	47.6	2.14	2.52	106	16.3	2540	641.70	8.57	8.68	839	0	12.3	17.6	231	27365	244	5.2	123	128	2.14	.89	.83	.99	8.90	8.70	D
720	1158	662.96	48.3	1.88	2.32	101	16.3	2530	641.95	8.57	8.68	822	0	12.3	17.6	230	27398	245	5.2	189	128	2.14	.91	.86	.99	8.92	8.70	D
721	1159	663.25	49.8	1.94	1.94	94	12.0	2520	643.06	8.57	8.58	838	0	12.3	17.3	228	27478	245	5.2	219	128	2.14	.97	.91	.99	8.93	8.70	D
722	1159	663.57	81.1	1.88	1.88	98	16.5	2520	643.33	8.57	8.58	839	0	12.3	17.3	228	27499	245	5.2	142	128	2.15	.73	.67	.99	8.92	8.70	D
723	1159	663.87	33.9	1.85	1.85	98	18.3	2520	644.16	8.57	8.58	839	0	12.3	17.3	223	27544	246	5.2	113	128	2.15	.96	.90	.99	8.92	8.70	D
724	1200	664.16	63.5	2.18	2.18	97	18.3	2520	644.57	8.56	8.81	839	0	12.3	16.6	222	27569	246	5.3	115	128	2.15	.81	.74	.99	8.91	8.70	D
725	1200	664.48	82.5	1.86	1.86	98	17.8	2520	644.83	8.56	8.81	838	0	12.3	16.6	221	27592	246	5.3	98	128	2.15	.74	.68	.99	8.91	8.70	D
726	1200	665.10	51.2	1.68	1.68	98	18.7	2520	645.44	8.56	8.81	839	0	12.3	16.6	219	27648	247	5.3	100	128	2.16	.87	.80	.99	8.91	8.70	D
727	1201	665.42	52.8	2.04	2.04	97	18.5	2520	645.79	8.56	8.81	838	0	12.3	16.6	215	27683	247	5.3	80	128	2.16	.86	.79	.99	8.91	8.70	D
728	1201	665.77	72.4	1.74	1.74	98	18.4	2520	646.04	8.58	9.03	838	0	12.3	16.2	217	27709	247	5.3	65	128	2.16	.78	.71	.99	8.91	8.70	D
729	1201	666.30	64.9	2.14	2.14	98	17.7	2510	646.47	8.58	9.03	838	0	12.3	16.2	215	27751	248	5.3	83	128	2.16	.80	.73	.99	8.91	8.70	D
730	1202	666.65	52.1	1.61	1.61	98	17.2	2510	646.90	8.58	9.03	839	0	12.3	16.2	214	27788	248	5.3	90	128	2.16	.85	.78	.99	8.91	8.70	D
731	1202	667.23	41.6	2.																								