

F#	TIME	DEPTH	ROP	TORQUE		RPM		WOB	PUMP	RTRNS		MV lb/gal		FLOW/MIN		TEMP (C)		PVT	THIS BIT			COST		EST	DKC	NX	NXB	ECD	EST
				AVG	MAX	AVG	AVG			PRES	DEPTH	IN	OUT	IN	OUT	IN	OUT		IN	OUT	REVS	m	hrs						
398	1851	3498.8	2.66	3.28	4.75	90	49.1	2990	3494.4	9.58	10.1	603	576	66.3	66.6	510	57054	42.3	11.2	1788	1859	.51	1.89	1.88	5.41	9.73	8.70		
399	1855	3499.1	4.62	3.34	4.53	88	48.0	3010	3494.4	9.58	10.1	605	599	66.3	66.5	510	57401	42.7	11.2	1090	1853	.51	1.71	1.70	5.41	9.73	8.70		
400	1903	3499.4	2.20	3.13	4.62	88	47.7	3000	3495.0	9.59	10.1	604	536	66.3	66.6	508	58125	43.0	11.4	2172	1857	.52	1.93	1.91	5.41	9.73	8.70		
401	1916	3499.7	1.38	3.15	4.58	88	48.5	3000	3495.2	9.58	10.1	603	591	66.1	66.6	507	59274	43.3	11.6	3719	1869	.53	2.07	2.05	5.41	9.72	8.70		
402	1926	3500.0	1.90	3.42	4.32	87	48.1	3000	3495.3	9.58	9.99	602	634	66.1	66.7	509	60111	43.6	11.8	2810	1874	.53	1.97	1.96	5.41	9.72	8.70		
403	1949	3501.9	5.64	3.53	7.89	87	46.0	2990	3496.2	9.59	9.98	601	564	66.4	67.5	508	61798	45.4	12.1	545	1835	.55	1.63	1.61	5.42	9.73	8.70		
404	1952	3502.2	5.75	3.28	3.75	87	45.1	2990	3496.3	9.58	9.99	602	591	66.5	67.0	509	62047	45.7	12.1	828	1828	.55	1.61	1.60	5.42	9.73	8.70		
405	1954	3502.5	7.43	3.27	4.02	88	44.0	3000	3496.5	9.58	9.99	602	601	66.5	67.0	510	62244	46.0	12.2	636	1819	.55	1.53	1.51	5.42	9.73	8.70		
406	1955	3502.8	12.8	3.28	3.59	88	45.5	3000	3496.6	9.58	10.0	600	590	66.6	66.3	509	62369	46.3	12.2	463	1811	.55	1.39	1.37	5.42	9.73	8.70		
407	2000	3503.1	4.43	3.42	4.56	88	46.3	2990	3496.8	9.57	10.1	600	615	66.6	67.0	509	62748	46.6	12.3	3910	1807	.56	1.70	1.69	5.42	9.73	8.70		
408	2011	3503.4	6.23	3.24	4.30	89	45.6	2960	3497.0	9.58	10.0	592	569	66.7	66.9	522	63018	46.9	12.3	836	1799	.56	1.60	1.59	5.42	9.73	8.70		
409	2012	3503.7	5.21	3.55	4.67	90	46.3	2980	3497.1	9.58	10.0	598	569	66.7	66.9	517	63136	47.2	12.3	1014	1790	.56	1.65	1.63	5.42	9.73	8.70		
410	2013	3504.1	2.95	3.82	4.48	87	46.7	2970	3497.1	9.58	10.0	598	557	66.7	66.9	518	63208	47.6	12.4	1646	1777	.56	1.88	1.86	5.42	9.73	8.70		
411	2019	3504.3	2.14	3.40	4.67	87	47.6	3000	3497.5	9.58	10.0	601	575	66.5	66.2	512	63733	47.9	12.5	2150	1779	.56	1.93	1.91	5.42	9.73	8.70		
412	2023	3504.6	4.55	3.28	4.15	88	45.0	2990	3497.7	9.57	10.1	600	567	66.3	66.2	512	64086	48.2	12.5	1222	1775	.57	1.63	1.66	5.43	9.73	8.70		
413	2026	3504.9	6.25	3.76	4.52	87	45.9	2990	3497.7	9.60	10.1	600	532	66.3	66.8	510	64342	48.5	12.6	799	1769	.57	1.60	1.58	5.43	9.73	8.70		
414	2031	3505.2	3.34	3.48	6.26	88	46.9	2990	3497.9	9.59	10.1	600	538	66.3	67.1	511	64819	48.8	12.7	1913	1767	.57	1.79	1.77	5.43	9.73	8.70		
415	2035	3505.5	6.10	4.02	7.86	78	45.8	2930	3498.1	9.59	10.2	594	566	66.5	66.7	510	65078	49.1	12.7	1012	1762	.58	1.57	1.56	5.43	9.73	8.70		
416	2039	3505.8	3.66	3.69	7.61	87	47.2	3000	3498.2	9.59	10.2	601	597	66.6	67.1	509	65471	49.4	12.8	1215	1758	.58	1.76	1.75	5.43	9.73	8.70		
417	2045	3506.1	3.24	3.25	4.36	87	45.1	2990	3498.5	9.59	10.2	602	592	66.7	67.3	508	65964	49.7	12.9	1358	1757	.58	1.77	1.76	5.43	9.73	8.70		
418	2050	3506.4	3.84	3.31	4.49	87	45.4	3000	3498.8	9.60	10.2	601	608	66.8	66.7	508	66381	50.0	13.0	1387	1754	.59	1.73	1.71	5.43	9.73	8.70		
419	2051	3506.7	13.3	3.44	4.35	87	44.8	3000	3498.9	9.60	10.2	601	546	66.9	66.1	507	66500	50.3	13.0	555	1747	.59	1.37	1.35	5.43	9.73	8.70		
420	2057	3507.0	2.82	3.51	5.05	88	46.2	2990	3499.1	9.59	10.2	601	538	66.8	67.2	506	67061	50.6	13.1	1150	1746	.59	1.83	1.81	5.43	9.73	8.70		
421	2101	3507.3	5.38	3.41	4.10	88	45.7	3000	3499.2	9.57	10.1	601	579	66.8	67.7	504	67359	50.9	13.1	926	1741	.60	1.64	1.62	5.43	9.73	8.70		
422	2107	3507.7	3.17	3.36	3.97	88	46.5	2990	3499.4	9.55	10.1	600	595	66.8	67.3	502	67991	51.2	13.3	1722	1741	.60	1.80	1.78	5.43	9.74	8.70		
423	2111	3508.0	4.35	3.35	3.72	88	47.8	2990	3499.5	9.54	10.1	600	559	66.8	67.6	502	68223	51.5	13.3	1052	1737	.60	1.72	1.71	5.44	9.74	8.70		
424	2116	3508.3	3.67	3.22	3.55	88	47.5	2990	3499.6	9.56	10.0	601	567	67.0	67.8	501	68660	51.8	13.4	1605	1735	.61	1.77	1.75	5.44	9.74	8.70		
425	2120	3508.6	3.78	3.36	4.30	88	46.0	2980	3499.8	9.57	10.0	599	577	67.1	66.2	501	69083	52.1	13.5	1230	1733	.61	1.74	1.73	5.44	9.74	8.70		
426	2128	3508.9	3.61	4.00	7.88	86	38.6	2920	3500.5	9.57	10.0	597	561	67.1	67.3	500	69504	52.4	13.6	1339	1730	.61	1.66	1.64	5.44	9.74	8.70		
427	2132	3509.2	4.59	3.49	6.77	86	46.1	2930	3500.7	9.56	9.95	594	563	67.1	67.7	500	69854	52.7	13.6	833	1726	.62	1.68	1.67	5.44	9.74	8.70		
428	2137	3509.5	3.90	3.43	4.42	87	47.2	2930	3500.7	9.58	9.89	592	576	67.1	67.8	502	70245	53.0	13.7	1227	1724	.62	1.75	1.73	5.44	9.73	8.70		
429	2142	3509.8	4.09	3.44	4.52	87	46.2	2930	3501.3	9.58	9.96	593	580	67.3	67.2	502	70639	53.3	13.8	1191	1721	.62	1.72	1.70	5.44	9.73	8.70		
430	2146	3510.1	3.72	3.50	4.69	87	48.0	2990	3501.9	9.58	9.92	600	606	67.2	67.4	501	71053	53.6	13.9	1399	1719	.63	1.77	1.75	5.44	9.73	8.70		
431	2152	3510.4	3.42	3.32	4.47	87	46.0	2980	3502.6	9.58	9.83	599	553	67.3	67.6	500	71525	53.9	13.9	1684	1718	.63	1.77	1.75	5.44	9.73	8.70		
432	2156	3510.7	3.81	3.27	4.29	87	45.7	3000	3503.1	9.58	9.84	600	587	67.4	68.1	499	71933	54.3	14.0	1307	1715	.64	1.74	1.72	5.44	9.73	8.70		
433	2200	3511.0	4.57	3.19	3.57	87	46.2	2980	3503.4	9.59	9.93	599	620	67.4	67.9	497	72279	54.6	14.1	1165	1711	.64	1.69	1.67	5.45	9.73	8.70		
434	2207	3511.3	2.62	3.13	3.60	87	45.6	3000	3503.8	9.58	9.91	602	592	67.5	67.9	500	72888	54.9	14.2	1613	1713	.64	1.84	1.82	5.45	9.73	8.70		
435	2211	3511.6	5.65	3.13	4.24	87	46.2	2990	3504.0	9.58	9.88	600	589	67.6	67.9	498	73168	55.2	14.3	990	1709	.65	1.63	1.61	5.45	9.73	8.70		
436	2215	3511.9	3.76	3.27	4.54	87	47.1	3000	3504.3	9.57	9.87	600	598	67.7	68.2	499	73587	55.4	14.3	1250	1707	.65	1.76	1.74	5.45	9.73	8.70		
437	2221	3512.2	3.45	3.14	4.24	87	47.6	3010	3504.7	9.58	9.79	602	594	67.7	68.3	500	74048	55.8	14.4	1436	1705	.65	1.79	1.77	5.45	9.73	8.70		
438	2225	3512.5	3.96	3.15	4.41	87	46.0	3010	3505.0	9.60	9.83	602	599	67.8	68.3	499	74448	56.1	14.5	1389	1703	.66	1.73	1.71	5.45	9.73	8.70		
439	2229	3512.8	4.92	3.24	4.38	87	46.5	3000	3505.3	9.60	9.83	602	620	67.8	68.3	501	74770	56.4	14.6	1043	1698	.66	1.67	1.65	5.45	9.73	8.70		
440	2246	3513.2	4.94	3.29	4.53	87	46.9	2980	3506.0	9.60	9.90	579	590	67.6	67.0	520	75155	56.7	14.6	1303	1697	.66	1.68	1.66	5.45	9.72	8.70		
441	2250	3513.4	5.03	3.45	4.36	88	46.4	2990	3506.3	9.60	9.90	598	616	67.6	67.0	507	75442	57.0	14.7	1647	1692	.67	1.67	1.65	5.45	9.73	8.70		
442	2255	3513.7	3.54	3.34	4.33	87	45.1	3000	3506.5	9.55	10.0	600	607	66.9	67.0	499	75889	57.3	14.8	1329	1690	.67	1.75	1.73	5.45	9.73	8.70		
443	2259	3514.0	4.88	3.40	4.32	87	46.2	3000	3506.7	9.55	10.0	600	620	66.9	67.5	497	76213	57.6	14.9	971	1687	.67	1.67	1.65	5.45	9.73	8.70		
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