F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	JOB AVG	PUMP PRES	RTRNS DEPTH	MW IN	MW OUT	FLOW IN	FLOW OUT	TEMP IN	TEMP OUT	PVT	REVS	THIS BIT m	hrs	COST INST	RUN	EST TW	DKC	NX	NXB	ECD	EST FM PR
153	1553	3112.1	2.19	3.30	3.48	87	43.0	2840	3106.3	9.37	9.41	610	516	56.1	55.8	469	58591	46.1	11.1	4253	1663	.53	1.91	1.90	4.33	9.51	8.70
154	1604	3112.4	2.82	3.27	3.80	87	41.1	2840	3107.1	9.38	9.42	610	525	56.1	56.5	466	59094	46.3	11.2	2563	1666	.53	1.86	1.86	4.33	9.54	8.70
155	1612	3112.6	1.96	3.13	3.93	86	42.8	2840	3108.1	9.36	9.42	610	554	56.2	56.8	465	59773	46.6	11.3	2577	1669	.54	1.93	1.91	4.33	9.52	8.70
156	1618	3112.9	3.03	3.06	3.55	87	42.2	2940	3108.3	9.41	9.43	610	475	56.4	56.7	466	60316	46.9	11.4	1831	1670	.54	1.79	1.78	4.33	9.52	8.70
157	1623	3113.2	3.45	3.03	3.75	87	41.9	2840	3108.3	9.42	9.42	610	609	56.5	56.5	465	60752	47.2	11.5	1448	1668	.55	1.75	1.74	4.33	9.52	8.70
158	1629	3113.5	3.00	3.35	4.16	87	44.5	2840	3108.3	9.41	9.42	610	543	56.7	56.5	465	61279	47.5	11.6	1430	1668	.55	1.83	1.81	4.34	9.52	8.70
159	1634	3113.8	3.87	3.31	3.90	87	43.3	2840	3108.3	9.42	9.42	610	536	56.7	56.5	464	61688	47.8	11.7	1139	1665	.56	1.74	1.72	4.34	9.52	8.70
160	1639	3114.2	3.52	3.35	3.84	87	45.2	2830	3108.3	9.43	9.41	610	528	56.8	56.4	465	62155	48.1	11.8	1534	1664	.56	1.79	1.78	4.34	9.52	8.70
161	1645	3114.5	3.06	3.32	3.96	87	45.3	2840	3108.3	9.43	9.42	610	484	56.8	56.5	464	62670	48.4	11.9	1694	1664	.56	1.83	1.82	4.34	9.53	8.70
162	1649	3114.8	4.88	3.36	3.61	87	45.0	2840	3108.3	9.45	9.43	610	500	56.8	56.7	464	62985	48.8	11.9	1027	1660	.57	1.69	1.68	4.34	9.53	8.70
163	1654	3115.1	3.43	3.35	3.67	87	45.4	2840	3108.3	9.44	9.41	610	511	56.8	56.7	463	63459	49.1	12.0	1747	1659	.57	1.80	1.78	4.34	9.53	8.70
164	1658	3115.4	4.86	3.28	3.54	87	45.1	2840	3108.3	9.45	9.42	610	574	56.8	56.9	461	63777	49.4	12.1	1050	1655	.57	1.69	1.68	4.34	9.54	8.70
165	1702	3115.7	4.86	3.52	3.88	87	44.0	2840	3108.3	9.45	9.42	610	571	56.8	56.9	459	64102	49.7	12.1	797	1651	.58	1.68	1.66	4.34	9.54	8.70
166	1706	3116.0	4.52	3.45	3.88	87	44.0	2840	3108.3	9.44	9.42	610	486	56.8	57.0	458	64457	49.9	12.2	1102	1648	.58	1.70	1.68	4.34	9.54	8.70
167	1709	3116.3	5.44	3.54	3.83	87	44.4	2840	3108.3	9.43	9.42	611	535	56.9	56.5	458	64747	50.3	12.3	976	1644	.58	1.65	1.63	4.34	9.54	8.70
168	1712	3116.6	5.75	3.42	4.13	87	45.6	2840	3108.3	9.43	9.42	611	522	56.9	56.9	456	65021	50.6	12.3	916	1639	.58	1.65	1.63	4.34	9.54	8.70
169	1717	3116.9	4.18	3.38	4.07	87	44.5	2830	3108.3	9.42	9.41	610	547	57.1	56.8	457	65398	50.9	12.4	1658	1636	.59	1.73	1.71	4.34	9.55	8.70
170	1720	3117.2	5.23	3.79	4.32	87	44.1	2830	3109.0	9.42	9.42	610	544	57.1	56.8	456	65670	51.2	12.4	1007	1632	.59	1.66	1.64	4.34	9.54	8.70
171	1725	3117.5	3.68	3.72	4.27	87	44.1	2830	3111.5	9.42	9.42	609	514	57.1	57.1	454	66100	51.5	12.5	1177	1630	.59	1.76	1.74	4.34	9.53	8.70
172	1728	3117.8	5.27	3.93	4.34	86	44.1	2830	3112.4	9.43	9.42	609	493	57.1	56.6	454	66372	51.8	12.6	923	1625	.60	1.66	1.64	4.35	9.53	8.70
173	1731	3118.1	4.95	3.99	4.50	87	44.8	2820	3112.5	9.45	9.41	609	485	57.2	56.8	453	66691	52.1	12.6	1089	1621	.60	1.68	1.67	4.35	9.53	8.70
174	1738	3118.4	2.64	4.09	4.57	87	44.3	2830	3112.5	9.47	9.45	609	601	57.2	57.0	454	67288	52.4	12.8	1775	1623	.60	1.86	1.84	4.35	9.53	8.70
175	1742	3118.7	5.32	4.13	4.57	87	41.9	2830	3112.6	9.46	9.45	610	576	57.2	56.9	453	67588	52.7	12.8	952	1619	.61	1.63	1.61	4.35	9.53	8.70
176	1743	3119.0	12.8	4.10	4.44	88	42.3	2840	3112.7	9.46	9.45	610	537	57.2	56.9	451	67722	53.0	12.8	436	1613	.61	1.39	1.37	4.35	9.53	8.70
177	1747	3119.3	4.03	4.06	4.50	87	44.1	2830	3112.9	9.46	9.44	610	560	57.2	56.7	451	68083	53.3	12.9	765	1610	.61	1.74	1.72	4.35	9.53	8.70
178	1752	3119.6	4.04	4.16	4.47	87	42.7	2840	3113.0	9.46	9.45	609	578	57.2	56.9	453	68474	53.6	13.0	1193	1608	.61	1.72	1.70	4.35	9.54	8.70
179	1755	3119.9	6.18	4.05	4.58	87	42.9	2840	3113.2	9.47	9.47	609	589	57.2	56.9	451	68731	53.9	13.0	808	1603	.62	1.60	1.58	4.35	9.54	8.70
180	1759	3120.3	5.01	4.10	4.50	86	42.4	2840	3113.4	9.45	9.46	609	503	57.3	57.4	455	69063	54.2	13.1	1202	1601	.62	1.65	1.63	4.35	9.54	8.70
181	1811	3120.6	3.55	3.93	4.64	87	41.4	2860	3114.0	9.54	9.47	570	424	57.4	57.0	470	69502	54.5	13.2	2000	1599	.62	1.73	1.72	4.35	9.55	8.70
182	1814	3121.2	5.58	3.05	3.85	87	42.3	2960	3114.1	9.44	9.44	612	529	57.3	56.6	457	69828	55.1	13.2	1971	1587	.63	1.61	1.60	4.35	9.56	8.70
183	1818	3121.5	4.53	3.47	4.57	85	41.9	2850	3114.4	9.47	9.45	610	512	57.2	56.8	455	70169	55.5	13.3	1037	1584	.63	1.66	1.65	4.35	9.56	8.70
184	1821	3121.8	7.26	3.94	4.26	85	43.0	2850	3114.5	9.50	9.46	610	528	57.1	57.0	450	70382	55.7	13.4	713	1580	.63	1.54	1.52	4.36	9.56	8.70
185	1826	3122.1	3.54	3.79	4.32	86	42.7	2840	3114.9	9.44	9.44	609	577	57.1	57.2	449	70822	56.0	13.4	6256	1579	.63	1.75	1.73	4.36	9.57	8.70
186	1829	3122.4	5.56	3.95	4.27	87	43.5	2850	3115.1	9.47	9.50	610	650	57.1	57.0	449	71078	56.3	13.5	820	1575	.64	1.63	1.61	4.36	9.57	8.70
187	1833	3122.7	4.01	3.92	4.34	87	43.3	2950	3115.3	9.48	9.53	610	595	57.1	56.8	450	71421	56.7	13.6	1171	1572	.64	1.72	1.70	4.36	9.58	8.70
188	1836	3123.0	6.12	3.91	4.29	87	43.7	2840	3115.5	9.45	9.49	610	577	57.2	56.9	444	71679	57.0	13.6	775	1568	.64	1.60	1.58	4.36	9.58	8.70
189	1841	3123.3	3.42	3.94	4.27	87	43.4	2850	3116.0	9.45	9.45	610	611	57.2	57.0	445	72149	57.3	13.7	1154	1567	.65	1.77	1.75	4.36	9.58	8.70
190	1846	3123.6	3.29	3.94	4.46	87	44.0	2840	3116.5	9.49	9.49	610	609	57.3	57.4	447	72574	57.6	13.8	1384	1566	.65	1.78	1.77	4.36	9.58	8.70
191	1851	3123.9	3.99	4.06	4.46	87	43.6	2850	3116.9	9.50	9.52	610	592	57.3	57.4	445	72975	57.9	13.9	1338	1565	.65	1.72	1.70	4.36	9.58	8.70
192	1853	3124.2	9.71	4.00	4.23	87	45.5	2840	3117.0	9.50	9.52	609	589	57.3	57.4	441	73119	58.2	13.9	471	1559	.65	1.49	1.47	4.36	9.58	8.70
193	1858	3124.5	3.45	3.93	4.40	86	44.8	2850	3117.4	9.49	9.51	610	667	57.4	57.1	446	73575	58.5	14.0	894	1558	.66	1.77	1.75	4.36	9.57	
194	1904	3124.8	2.90	4.05	4.48	87	43.8	2830	3117.9	9.50	9.50	610	624	57.6	57.0	442	74119	58.8	14.1	1326	1559	.66	1.82	1.80	4.36	9.58	
195	1910	3125.1	3.33	3.45	4.26	86	43.5	2850	3118.2	9.45	9.49	610	644	57.7	56.8	432	74593	59.1	14.2	1507	1560	.67	1.77	1.75	4.36	9.59	8.70
196	1913	3125.4	6.02	3.30	3.80	87	44.0	2850	3118.4	9.47	9.54	610	610	57.7	57.2	401	74856	59.4	14.2	816	1555	.67	1.61	1.59	4.36	9.59	8.70
197	1916	3125.7	4.97	3.29	3.90	86	43.0	2850	3118.7	9.41	9.51	610	591	57.6	57.6	386	75171	59.7	14.3	1131	1552	.67	1.65	1.63	4.37	9.59	8.70
198	1919	3126.0	7.49	3.30	3.97	87	43.3	2860	3119.0	9.46	9.49	610	635	57.5	57.3	381	75382	60.0	14.3	693	1548	.67	1.54	1.52	4.37	9.60	8.70
199	1923	3126.3	4.10	3.38	3.99	88	43.5	2860	3119.4	9.45	9.47	610	594	57.3	57.2	376	75771	60.3	14.4	1314	1546	.68	1.71	1.69	4.37	9.60	8.70
200	1928	3126.6	3.57	3.43	3.92	88	44.1	2840	3119.8	9.48	9.49	610	637	57.2	57.2	376	76218	60.6	14.5	1477	1545	.68	1.76	1.74	4.37	9.60	8.70
201	1931	3126.9	6.51	3.45	3.84	89	43.5	2850	3120.0	9.49	9.50	610	586	57.2	57.5	371	76464	60.9	14.5	765	1542	.68	1.59	1.56	4.37	9.60	8.70
202	1937	3127.3	3.46	3.43	4.11	88	42.7	2870	3120.5	9.51	9.49	611	616	57.1	57.9	380	76959	61.2	14.6	1521	1542	.69	1.75	1.73	4.37	9.60	8.