F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	RTRNS DEPTH	MW lb/gal IN	MW lb/gal OUT	FLOW/MIN IN	FLOW/MIN OUT	TEMP (C) IN	TEMP (C) OUT	PVT	THIS BIT REVS	THIS BIT m	THIS BIT hrs	COST INST	COST RUN	EST TVD	DXC	NX	NXB	ECD	EST FM PR
598	1357	3563.7	3.77	3.98	4.38	83	44.4	2970	3554.4	9.58	9.89	596	612	70.5	70.1	443	146043	107	28.3	1406	1535	1.25	1.72	1.68	5.61	9.76	8.70
599	1403	3564.0	3.32	4.06	4.44	89	45.0	2960	3554.6	9.59	9.91	595	599	70.7	70.2	440	146529	108	28.4	1533	1535	1.26	1.77	1.73	5.61	9.76	8.70
600	1409	3564.4	3.20	4.02	4.41	88	43.5	2960	3554.8	9.59	10.1	596	657	70.7	70.0	441	147066	108	28.5	1646	1535	1.26	1.76	1.72	5.61	9.76	8.70
601	1416	3564.6	2.15	3.92	4.43	89	44.0	2960	3555.0	9.62	10.1	596	640	70.7	70.0	440	147694	108	28.6	2317	1536	1.26	1.88	1.84	5.61	9.75	8.70
602	1423	3564.9	2.52	4.05	4.46	89	44.0	2990	3558.1	9.64	10.1	599	651	70.6	70.1	439	148337	109	28.7	1883	1537	1.27	1.84	1.80	5.61	9.74	8.70
603	1429	3565.2	3.17	3.98	4.48	89	44.5	2990	3558.3	9.64	10.1	599	663	70.7	70.1	439	148848	109	28.8	1600	1537	1.27	1.78	1.74	5.61	9.74	8.70
604	1434	3565.6	3.62	4.11	4.50	89	43.9	2990	3558.4	9.66	10.1	600	634	70.7	70.1	438	149320	109	28.9	1367	1537	1.28	1.73	1.69	5.61	9.74	8.70
605	1438	3565.9	4.30	4.08	4.57	89	44.4	2990	3558.5	9.67	10.2	599	641	70.7	70.3	436	149695	109	29.0	1220	1536	1.28	1.69	1.65	5.61	9.74	8.70
606	1443	3566.2	3.73	4.18	4.68	89	44.4	2990	3558.6	9.68	10.2	600	634	70.7	70.5	436	150109	110	29.1	1274	1535	1.28	1.73	1.69	5.61	9.75	8.70
607	1447	3566.5	4.05	4.10	4.61	89	44.4	3000	3558.7	9.68	10.1	600	614	70.7	70.7	434	150510	110	29.1	1219	1535	1.29	1.71	1.66	5.62	9.75	8.70
608	1452	3566.8	3.85	4.05	4.67	89	44.6	2980	3558.9	9.70	10.2	599	639	70.7	70.7	435	150945	110	29.2	1491	1534	1.29	1.72	1.68	5.62	9.75	8.70
609	1457	3567.1	3.99	3.81	4.54	89	45.0	2990	3559.1	9.68	10.0	599	609	70.8	70.8	435	151349	111	29.3	1227	1533	1.29	1.72	1.67	5.62	9.75	8.70
610	1502	3567.4	3.64	3.68	4.40	89	45.2	2990	3559.4	9.67	9.92	599	662	70.8	71.0	433	151793	111	29.4	1476	1533	1.30	1.75	1.70	5.62	9.76	8.70
611	1506	3567.7	4.78	3.13	3.85	90	44.7	3000	3559.6	9.68	9.79	600	623	70.8	70.9	433	152134	111	29.4	1097	1531	1.30	1.66	1.62	5.62	9.76	8.70
612	1510	3568.0	4.34	3.13	4.43	89	45.7	3010	3559.8	9.68	9.52	600	583	70.8	71.1	433	152507	112	29.5	1291	1530	1.30	1.70	1.66	5.62	9.76	8.70
613	1514	3568.3	3.96	3.41	7.34	88	43.3	3020	3559.9	9.69	9.30	599	576	70.8	71.1	435	152901	112	29.6	1392	1529	1.31	1.75	1.71	5.62	9.76	8.70
614	1519	3568.6	4.25	3.13	6.79	88	45.1	3010	3560.0	9.71	9.15	600	611	70.8	71.4	438	153280	112	29.7	1272	1529	1.31	1.69	1.65	5.62	9.76	8.70
615	1526	3568.9	2.53	3.02	3.82	90	46.5	3000	3560.5	9.67	8.95	598	601	70.8	71.1	436	153924	112	29.8	2792	1530	1.32	1.87	1.82	5.62	9.78	8.70
616	1533	3569.2	2.38	2.92	3.88	90	44.7	2990	3560.9	9.69	8.89	599	616	70.9	71.2	433	154610	113	29.9	2087	1531	1.32	1.86	1.82	5.62	9.78	8.70
617	1536	3569.5	6.72	3.26	4.51	90	44.5	3000	3561.0	9.64	8.96	599	562	70.9	71.1	433	154355	113	30.0	944	1529	1.32	1.56	1.52	5.63	9.79	8.70
618	1539	3569.8	6.35	3.19	4.31	90	44.9	2990	3561.1	9.67	9.22	598	565	70.9	70.7	433	155111	113	30.0	773	1527	1.32	1.58	1.53	5.63	9.79	8.70
619	1543	3570.1	4.59	3.22	4.27	90	44.6	2970	3561.3	9.69	9.37	598	555	70.9	70.8	433	155465	114	30.1	1120	1526	1.33	1.67	1.62	5.63	9.79	8.70
620	1547	3570.4	4.11	3.33	4.24	89	43.9	2980	3561.5	9.70	9.47	598	540	70.9	71.2	433	155861	114	30.1	1199	1525	1.33	1.69	1.64	5.63	9.80	8.70
621	1551	3570.7	5.62	3.83	4.54	90	44.4	2980	3561.6	9.68	9.34	597	548	70.9	71.2	433	156150	114	30.2	988	1523	1.33	1.61	1.56	5.63	9.80	8.70
622	1600	3571.1	2.98	3.51	4.49	92	44.0	2970	3564.1	9.68	9.37	583	534	70.9	71.0	446	156340	115	30.2	2299	1522	1.33	1.81	1.77	5.63	9.79	8.70
623	1606	3571.4	2.89	3.65	4.63	92	44.8	2970	3564.3	9.60	9.75	593	639	70.7	69.8	435	156905	115	30.3	$	1521	1.34	1.81	1.76	5.63	9.80	8.70
624	1612	3571.6	3.21	3.93	4.34	90	43.7	2970	3564.4	9.58	9.72	594	615	70.4	70.1	430	157378	115	30.4	1748	1521	1.34	1.76	1.71	5.63	9.81	8.70
625	1618	3572.0	2.85	3.74	4.26	90	45.2	2990	3564.6	9.59	9.71	595	607	70.5	70.6	426	157956	116	30.5	1947	1522	1.35	1.81	1.76	5.63	9.82	8.70
626	1626	3572.3	2.33	3.97	4.49	90	46.3	2960	3564.9	9.54	9.60	594	636	70.6	70.9	426	158711	116	30.7	2925	1524	1.35	1.89	1.83	5.63	9.83	8.70
627	1629	3572.6	6.06	4.27	4.73	90	45.3	2960	3565.0	9.56	9.64	595	644	71.0	70.8	426	158982	116	30.7	1027	1522	1.36	1.59	1.55	5.64	9.83	8.70
628	1632	3572.9	6.08	4.15	4.61	90	44.7	2950	3565.2	9.54	9.67	595	648	70.9	70.9	426	159234	116	30.8	776	1520	1.36	1.59	1.54	5.64	9.83	8.70
629	1637	3573.2	4.29	3.73	4.41	90	45.1	2970	3565.4	9.54	9.76	595	651	71.1	70.7	426	159637	117	30.8	1338	1519	1.36	1.69	1.64	5.64	9.82	8.70
630	1640	3573.5	5.28	3.51	4.18	90	45.1	2960	3565.6	9.54	9.76	595	664	71.1	70.7	426	159948	117	30.9	972	1518	1.36	1.63	1.58	5.64	9.82	8.70
631	1643	3573.8	7.21	3.98	4.54	90	45.1	2970	3565.7	9.56	9.88	595	686	71.2	70.7	426	160175	117	30.9	784	1516	1.37	1.54	1.50	5.64	9.82	8.70
632	1646	3574.1	4.87	4.12	4.62	90	44.9	2960	3565.9	9.58	9.91	596	694	71.4	70.6	426	160495	118	31.0	1085	1514	1.37	1.65	1.61	5.64	9.82	8.70
633	1650	3574.4	4.86	3.74	4.26	90	44.4	2970	3566.1	9.62	9.98	596	706	71.4	70.4	426	160833	118	31.1	1031	1513	1.37	1.65	1.60	5.64	9.81	8.70
634	1654	3574.7	4.95	3.69	4.48	90	45.3	2970	3566.2	9.62	9.98	596	689	71.4	70.4	426	161163	118	31.1	1032	1512	1.37	1.65	1.61	5.64	9.82	8.70
635	1701	3575.0	2.41	2.89	3.98	92	44.7	2970	3566.6	9.62	10.0	596	748	71.4	70.4	426	161823	119	31.2	2814	1513	1.38	1.86	1.81	5.64	9.80	8.70
636	1704	3575.3	6.87	2.94	3.88	91	44.7	2980	3566.7	9.62	10.0	596	727	71.4	70.4	426	162079	119	31.3	794	1511	1.38	1.56	1.51	5.64	9.81	8.70
637	1705	3575.6	12.7	3.08	4.08	91	42.7	2980	3566.8	9.62	10.0	595	729	71.4	70.4	426	162206	119	31.3	332	1508	1.38	1.36	1.32	5.65	9.81	8.70
638	1708	3575.9	7.05	3.16	4.34	91	44.8	2980	3566.9	9.63	9.89	595	715	71.4	70.5	426	162443	119	31.3	1280	1506	1.38	1.55	1.51	5.65	9.80	8.70
639	1714	3576.2	2.69	3.41	4.44	91	44.8	2930	3567.3	9.57	9.90	594	732	71.4	70.9	426	163054	120	31.5	2211	1507	1.39	1.83	1.78	5.65	9.80	8.70
640	1722	3576.5	2.48	3.72	7.68	87	45.7	2930	3567.6	9.60	9.87	596	716	71.4	70.8	426	163708	120	31.6	2086	1508	1.39	1.85	1.80	5.65	9.79	8.70
641	1813	3576.8	2.42	3.82	7.89	88	45.8	2970	3571.5	9.87	9.13	598	661	71.4	71.7	426	164359	120	31.7	2037	1509	1.40	1.86	1.82	5.65	9.78	8.70
642	1822	3577.1	2.08	3.01	4.29	91	45.2	2970	3571.9	9.74	9.39	601	640	70.7	70.9	426	165151	121	31.9	3156	1512	1.41	1.91	1.86	5.65	9.78	8.70
643	1833	3577.4	1.70	3.44	5.48	88	46.0	2950	3573.5	9.74	9.70	598	639	70.2	71.4	426	166095	121	32.0	3089	1515	1.41	1.96	1.92	5.65	9.80	8.70
644	1840	3577.7	2.59	3.09	4.35	90	46.7	2950	3573.9	9.68	9.72	601	639	70.4	71.5	426	166731	121	32.1	2064	1516	1.42	1.86	1.81	5.65	9.80	8.70
645	1845	3578.0	3.37	3.53	4.51	90	44.5	2940	3574.2	9.59	9.71	600	640	70.6	72.1	426	167217	122	32.2	1488	1516	1.42	1.75	1.70	5.65	9.80	8.70
646	1851	3578.4	3.15	3.89	4.18	89	44.9	2940	3574.5	9.52	9.73	599	603	70.8	71.4	426	167732	122	32.3	1774	1516	1.43	1.77	1.72	5.65	9.81	8.70
647	1907	3578.7	1.65	3.37	4.29	88	45.0	2990	3575.3	9.52	9.73	600	624	70.5	71.6	426	168716	122	32.5	2000	1520	1.43	1.95	1.90	5.66	9.84	8.70