F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	RTRNS DEPTH	MW lb/gal IN	OUT	FLOW/MIN IN	OUT	TEMP (C) IN	OUT	PVT	THIS BIT REVS	m	hrs	COST INST	RUN	EST TVD	DXC	NX	NXB	ECD	EST FM P
648	1923	3579.0	1.33	3.75	4.34	89	45.7	3000	3575.6	9.58	9.80	632	650	70.7	72.3	426	169327	123	32.7	3621	1525	1.44	2.02	1.97	5.66	9.83	8.70
649	1936	3579.3	1.19	3.88	4.35	89	46.7	2990	3575.7	9.57	9.81	633	667	71.3	71.5	426	171295	123	33.0	4078	1532	1.45	2.07	2.02	5.66	9.82	8.70
650	1946	3579.6	1.77	3.93	4.34	89	45.5	2990	3576.5	9.56	9.75	633	625	71.4	72.3	426	172210	123	33.2	3172	1535	1.46	1.96	1.92	5.66	9.71	8.70
651	1959	3579.9	1.44	3.85	4.41	89	45.7	2960	3576.7	9.46	9.72	601	574	71.8	71.3	426	173325	123	33.4	3651	1540	1.47	2.02	1.98	5.66	9.71	8.70
652	2019	3580.2	1.60	3.66	4.22	88	46.2	2960	3577.1	9.51	9.82	596	582	72.0	71.2	474	174407	124	33.6	3195	1544	1.48	2.00	1.95	5.66	9.70	8.70
653	2034	3580.5	1.25	3.61	4.21	87	44.8	2940	3577.5	9.40	9.78	600	595	70.7	70.8	464	175687	124	33.8	3833	1551	1.49	2.05	2.01	5.66	9.69	8.70
654	2045	3580.8	1.71	3.78	4.20	87	45.3	2940	3577.7	9.48	9.73	599	569	70.7	71.1	464	176618	124	34.0	2307	1554	1.50	1.97	1.92	5.66	9.67	8.70
655	2055	3581.1	1.73	3.76	4.21	87	45.3	2940	3578.0	9.43	9.76	600	519	70.8	70.8	462	177541	125	34.2	2759	1557	1.50	1.97	1.92	5.66	9.66	8.70
656	2106	3581.4	1.70	3.83	4.95	88	45.3	2980	3578.2	9.43	9.78	602	533	70.8	70.8	465	178481	125	34.4	2904	1560	1.51	1.98	1.93	5.66	9.65	8.70
657	2112	3581.7	3.17	3.79	4.19	87	43.4	2940	3578.3	9.44	9.74	598	587	70.8	71.1	467	178935	125	34.5	1571	1560	1.52	1.78	1.73	5.66	9.63	8.70
658	2115	3582.0	5.71	3.67	4.22	87	43.2	2920	3578.4	9.44	9.74	597	557	70.8	71.1	466	179264	126	34.5	892	1559	1.52	1.61	1.56	5.67	9.64	8.70
659	2118	3582.3	5.65	3.64	4.20	87	45.4	2930	3578.5	9.33	9.76	597	601	70.9	70.7	467	179564	126	34.6	1122	1557	1.52	1.64	1.59	5.67	9.63	8.70
660	2122	3582.6	4.77	3.78	4.41	88	43.4	2940	3578.5	9.32	9.79	597	586	70.9	70.4	468	179877	126	34.6	930	1556	1.52	1.66	1.61	5.67	9.63	8.70
661	2126	3582.9	4.25	3.72	7.60	84	44.2	2940	3578.6	9.37	9.80	599	536	70.9	70.3	467	180266	126	34.7	1159	1555	1.53	1.70	1.65	5.67	9.62	8.70
662	2131	3583.2	3.69	3.99	5.05	83	44.8	2920	3579.6	9.37	9.80	598	513	70.8	70.3	467	180698	127	34.8	1498	1555	1.53	1.76	1.71	5.67	9.62	8.70
663	2135	3583.5	4.37	3.94	4.30	88	44.4	2930	3579.7	9.39	9.78	598	573	70.7	70.9	467	181046	127	34.8	1161	1553	1.53	1.71	1.66	5.67	9.61	8.70
664	2143	3583.8	2.40	3.92	4.32	88	44.7	2940	3579.9	9.42	9.81	599	499	70.7	70.2	470	181715	127	35.0	2435	1555	1.54	1.83	1.83	5.67	9.59	8.70
665	2150	3584.2	2.60	3.73	4.34	88	44.3	2930	3580.1	9.45	9.80	599	518	70.7	70.1	472	182362	128	35.1	2079	1556	1.54	1.86	1.81	5.67	9.59	8.70
666	2159	3584.4	1.91	3.81	4.53	89	44.5	2970	3580.3	9.36	9.81	603	527	69.9	69.8	471	183174	128	35.2	3396	1558	1.55	1.96	1.90	5.67	9.58	8.70
667	2205	3584.8	3.21	3.52	4.14	88	44.5	2960	3580.3	9.37	9.73	601	443	69.9	70.1	471	183693	128	35.3	1579	1558	1.55	1.80	1.75	5.67	9.57	8.70
668	2211	3585.1	3.15	3.47	4.32	88	43.8	2950	3580.4	9.30	9.74	601	548	69.9	70.3	476	184200	129	35.4	1731	1558	1.56	1.80	1.75	5.68	9.57	8.70
669	2217	3585.4	2.73	3.78	4.47	87	44.4	2960	3580.4	9.28	9.75	601	500	70.5	69.8	481	184766	129	35.5	1839	1558	1.56	1.85	1.80	5.68	9.56	8.70
670	2221	3585.7	4.80	4.30	4.67	89	43.9	2970	3580.5	9.12	9.71	602	516	70.3	70.2	476	185111	129	35.6	1091	1557	1.56	1.68	1.63	5.68	9.56	8.70
671	2226	3586.0	3.49	4.27	4.95	88	44.3	2980	3580.6	9.02	9.71	603	547	70.0	70.2	473	185566	130	35.7	1411	1557	1.57	1.78	1.73	5.68	9.55	8.70
672	2230	3586.3	5.42	4.54	4.98	88	44.4	2990	3580.6	9.06	9.72	605	562	69.9	69.4	474	185858	130	35.8	969	1556	1.57	1.65	1.60	5.68	9.54	8.70
673	2234	3586.6	4.19	4.35	4.89	88	44.7	2960	3580.7	9.24	9.68	603	519	69.8	69.6	481	186233	130	35.8	1052	1555	1.57	1.73	1.68	5.68	9.54	8.70
674	2239	3586.9	3.55	4.31	4.66	88	44.5	2940	3580.9	9.31	9.72	601	521	69.9	69.4	486	186636	130	35.9	1525	1554	1.58	1.78	1.73	5.68	9.53	8.70
675	2250	3587.2	3.17	4.14	4.73	87	44.5	2990	3581.1	9.38	9.65	605	431	69.9	69.2	501	187199	131	36.0	2115	1555	1.58	1.81	1.75	5.68	9.52	8.70
676	2253	3587.5	5.71	4.84	5.45	92	44.7	2980	3581.2	9.27	9.67	641	521	69.8	69.1	497	187492	131	36.1	915	1553	1.58	1.66	1.61	5.68	9.50	8.70
677	2257	3587.8	4.06	4.69	5.11	89	44.4	2990	3581.3	9.25	9.69	606	499	69.7	68.2	493	187895	131	36.1	1047	1552	1.58	1.75	1.70	5.68	9.49	8.70
678	2301	3588.1	4.75	4.60	5.04	88	45.2	2980	3581.5	9.25	9.71	605	527	69.5	67.6	489	188231	132	36.2	1105	1551	1.59	1.71	1.66	5.69	9.49	8.70
679	2307	3588.4	3.23	4.55	5.14	87	45.6	2980	3581.9	9.22	9.70	604	543	69.4	67.7	486	188720	132	36.3	1543	1551	1.59	1.83	1.77	5.69	9.48	8.70
680	2314	3588.7	2.50	4.51	5.08	87	45.4	2980	3582.3	9.13	9.70	604	490	69.0	67.5	485	189353	132	36.4	1923	1552	1.60	1.90	1.85	5.69	9.47	8.70
681	2320	3589.0	3.31	4.59	5.06	87	44.8	2990	3582.6	9.15	9.69	604	476	68.7	67.7	487	189835	133	36.5	1609	1552	1.60	1.82	1.76	5.69	9.46	8.70
682	2328	3589.3	2.13	4.33	4.87	87	44.9	3000	3583.2	9.14	9.68	604	430	68.7	67.6	489	190583	133	36.6	2546	1553	1.61	1.95	1.90	5.69	9.44	8.70
683	2343	3589.7	2.85	3.39	4.80	87	46.8	2860	3583.7	9.23	9.67	575	455	68.6	67.5	511	191199	133	36.8	1901	1555	1.61	1.88	1.83	5.69	9.41	8.70
684	2344	3590.0	2.97	3.02	3.29	87	46.1	2850	3583.7	9.23	9.67	580	464	68.6	67.5	510	191221	133	36.8	1715	1551	1.61	1.86	1.81	5.69	9.41	8.70
685	2349	3590.2	3.06	3.73	4.79	88	46.8	3040	3583.9	9.37	9.69	608	473	68.4	67.5	498	191678	134	36.9	3432	1551	1.61	1.88	1.82	5.69	9.41	8.70

Date Oct 22 '81

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	RTRNS DEPTH	MW lb/gal IN	OUT	FLOW/MIN IN	OUT	TEMP (C) IN	OUT	PVT	THIS BIT REVS	m	hrs	COST INST	RUN	EST TVD	DXC	NX	NXB	ECD	EST FM P
686	0000	3590.6	1.82	3.90	4.25	81	44.9	3040	3584.3	9.36	9.65	610	616	68.1	67.6	506	192533	134	37.0	5268	1554	1.62	1.99	1.93	5.69	9.39	8.70
687	0009	3590.8	1.81	3.89	4.17	79	44.7	3040	3584.8	9.45	9.67	612	620	68.0	68.0	506	193280	134	37.2	2800	1556	1.63	1.98	1.93	5.69	9.38	8.70
688	0017	3591.2	2.41	3.93	4.22	79	46.5	3050	3585.3	9.42	9.67	612	566	68.0	68.3	503	193878	135	37.3	2226	1557	1.63	1.92	1.87	5.70	9.38	8.70
689	0026	3591.5	2.01	4.00	4.27	79	46.1	3040	3586.0	9.40	9.64	612	648	68.4	68.6	507	194596	135	37.5	2590	1559	1.64	1.97	1.91	5.70	9.38	8.70
690	0034	3591.8	2.30	3.85	4.24	77	44.5	3040	3586.5	9.38	9.68	613	604	68.7	68.7	508	195209	135	37.6	2125	1561	1.64	1.89	1.84	5.70	9.40	8.70
691	0042	3592.1	2.21	3.83	4.13	76	45.4	3040	3586.7	9.32	9.70	613	557	68.6	69.2	504	195860	136	37.7	2337	1563	1.64	1.91	1.86	5.70	9.43	8.70
692	0051	3592.4	2.00	3.83	4.07	76	45.1	3040	3587.2	9.29	9.68	612	556	69.6	69.6	503	196526	136	37.9	2459	1564	1.65	1.93	1.88	5.70	9.43	8.70
693	0058	3592.7	2.70	3.60	4.01	76	44.8	3040	3587.8	9.26	9.65	613	548	69.7	69.7	503	197056	136	38.0	1900	1565	1.65	1.84	1.79	5.70	9.43	8.70
694	0106	3593.0	2.23	3.72	4.05	76	45.5	3010	3588.1	9.24	9.61	611	545	69.9	69.9	503	197657	137	38.1	2435	1566	1.66	1.91	1.86	5.70	9.43	8.70
695	0113	3593.3	3.82	3.27	4.04	76	46.2	2930	3588.5	9.39	9.62	612	473	70.1	69.8	514	198026	137	38.2	1324	1566	1.66	1.76	1.70	5.70	9.42	8.70
696	0124	3593.6	1.75	2.98	4.76	78	45.1	2960	3588.9	9.40	9.61	595	536	69.9	69.2	511	199325	137	38.4	1753	1569	1.67	1.98	1.93	5.70	9.43	8.70